

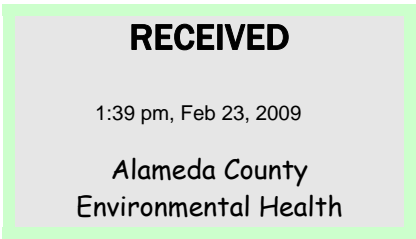


Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, California 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

19 February 2009

Re: Compliance Soil Sampling Report for Product Line/Fuel Dispenser Upgrades
Atlantic Richfield Company Station No.374
6407 Telegraph Avenue
Oakland, California
ACEH Case No.RO0000078



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

Submitted by:

Paul Supple
Environmental Business Manager

**Compliance Soil Sampling Report for
Product Line/Fuel Dispenser Upgrades**
Atlantic Richfield Company Station #374
6407 Telegraph Avenue
Oakland, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

19 February 2009

Project No. 06-88-602

19 February 2009

Project No. 06-88-602

Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Compliance Soil Sampling Report for Product Line/Fuel Dispenser Upgrades,
Atlantic Richfield Company (a BP affiliated company) Station #374,
6407 Telegraph Avenue, Oakland, California; ACEH Case #RO0000078

Dear Mr. Supple:

Attached is the *Compliance Soil Sampling Report for Product Line/Fuel Dispenser Upgrades* at Atlantic Richfield Company Station #374 (herein referred to as Station #374) located at 6407 Telegraph Avenue, Oakland, California (Site). This report presents results of the soil sampling conducted at Station #374 in December 2008 during upgrades to the product line piping and dispensers at the Site as observed by the Oakland Fire Department.

Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

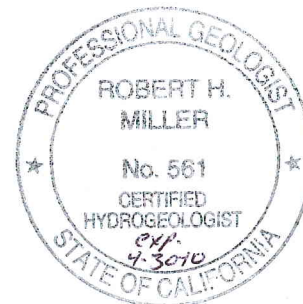
Sincerely,
BROADBENT & ASSOCIATES, INC.



Thomas A. Venus, P.E.
Senior Engineer



Robert H. Miller, P.G., C.HG
Principal Hydrogeologist



Enclosure

cc: Keith Mathews, Oakland Fire Department, 150 Frank H. Ogawa Plaza, Suite 3354,
Oakland, California 94612
Paresh Khatri, Alameda County Environmental Health (Submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

**COMPLIANCE SOIL SAMPLING REPORT FOR
PRODUCT LINE/FUEL DISPENSER UPGRADES**

Atlantic Richfield Company Station #374
6407 Telegraph Avenue
Oakland, California

TABLE OF CONTENTS

<u>No.</u>	<u>Section</u>	<u>Page</u>
1.0	Introduction.....	1
2.0	Site Background.....	1
3.0	Fuel Dispenser and Product Line Soil Sampling.....	1
4.0	Derived Soils Management and Sampling.....	2
5.0	Analytical Results of Soil Samples.....	3
6.0	Conclusions.....	3
7.0	Closure.....	4

ATTACHMENTS

Drawing 1	Site Vicinity Map
Drawing 2	Site Layout Plan with Soil Sample Locations
Table 1	Soil Sampling Analytical Data

APPENDICES

Appendix A	Stratus Product Line/Fuel Dispenser Upgrade Compliance Soil Sampling Data Package (Includes Field Data Sheets, Site Plan, and Certified Laboratory Analytical Reports with Chain-of-Custody Documentation)
Appendix B	Contaminated Soil Trucking Tags and Waste Disposal Tickets

COMPLIANCE SOIL SAMPLING REPORT FOR PRODUCT LINE/FUEL DISPENSER UPGRADES

Atlantic Richfield Company Station #374
6407 Telegraph Avenue
Oakland, California

1.0 INTRODUCTION

On behalf of the Atlantic Richfield Company, RM – a BP affiliated company, Broadbent & Associates, Inc. (BAI) has prepared this Compliance Soil Sampling Report for Product Line/Fuel Dispenser Upgrades for soil sampling activities associated with the upgrades to product line piping and fuel dispensers at the Atlantic Richfield Company Station #374, located at 6407 Telegraph Avenue, Oakland, California (Site). Soil sampling was conducted to fulfill the requirements of the Oakland Fire Department regarding product piping and fuel dispenser upgrades. This report includes discussions on the Site Background, Field Activities Performed, Analytical Results of the Soil Sampling, and Conclusions.

2.0 SITE BACKGROUND

The Site is an active ARCO-brand gasoline retail outlet located at 6407 Telegraph Avenue, on the northwestern corner of Telegraph and Alcatraz Avenues in Oakland, California (Drawing 1 and Drawing 2). The land use in the immediate vicinity of the Site is mixed commercial and residential. The Site consists of a service station building and two 12,000-gallon gasoline underground storage tanks (USTs) with associated piping and dispensers. The Site is covered with asphalt or concrete surfacing except for planters along the western property boundary containing mature conifer trees.

Numerous subsurface investigations and remedial activities have been conducted on-site since 1988. A comprehensive Site history can be found within the *Work Plan for On-Site Soil Investigation* (BAI, 6/27/2008) as submitted to GeoTracker and Alameda County Environmental Health Services (ACEH). Section 3.0 of this report details the most recent subsurface investigation field activities associated with the Site.

3.0 FUEL DISPENSER AND PRODUCT LINE SOIL SAMPLING

Stratus Environmental, Inc. (Stratus) collected compliance soil samples in conjunction with Paradiso Mechanical, Inc. (the contractor renovating the service station), and under the direction of City of Oakland Fire Department personnel. Initial soil samples were collected on 4 December 2008 following removal of the fuel dispensers and the short pipeline stubs into the main product line (which was not removed/replaced). One soil sample was collected from a depth of approximately 2.5 feet below ground surface (ft bgs) beneath each of the six fuel dispensers located at the Site (D1-2.5', D2-2.5', D3-2.5', D4-2.5', D5-2.5', and D6-2.5'). Five soil samples were also collected from an approximate depth of 3 ft bgs beneath the main product pipeline at the tee or elbow joints for the pipeline stubs going to the dispensers: PL1-3' adjacent to D1, PL2-3' adjacent to D-3, PL3-3' adjacent to D-4, PL4-3' adjacent to D-5, and PL5-3' adjacent to D-6. No joint sample was collected adjacent to dispenser D-2. Specific soil sampling locations are depicted in Drawing 2.

Each sampling location was screened in the field for volatile organic compounds using a photo-ionization detector (PID). Measurable PID readings were recorded at each of the eleven sampling locations. Field PID measurements ranged from 6.0 parts per million (ppm) at PL2-3' to 953 ppm at D4-2.5'. Field PID measurements for the eleven samples are provided within the notes contained within Appendix A.

Soil samples were submitted to Calscience Environmental Laboratories, Inc. (Garden Grove), a California State-certified laboratory, under standard chain-of-custody protocol. Samples were analyzed for Gasoline Range Organics (GRO, hydrocarbon chain lengths between C6-C12) by EPA Method 8015B; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX), Methyl Tert-Butyl Ether (MTBE), Ethyl Tert-Butyl Ether (ETBE), Tert-Amyl Methyl Ether (TAME), Di-Isopropyl Ether (DIPE), 1,2-Dichloroethane (1,2-DCA), 1,2-Dibromoethane (EDB), Tert-Butyl Alcohol (TBA), and Ethanol using EPA Method 8260B; and for Lead by EPA Method 6010B. Analyses were requested on a 48-hour rush turn-around basis.

Following review of the initial analytical results, Atlantic Richfield Company attempted to excavate additional soil from sampling locations D4-2.5' and PL3-3' due to their elevated hydrocarbon concentrations. Some additional soil was able to be excavated but the amount was limited due to constraints from the existing infrastructure. Additional soil samples (D-4 5' and PL-3 5') were collected on 9 December 2008 from approximately five feet bgs in an attempt to delineate the vertical extent of contamination at the two previous locations with elevated hydrocarbon concentrations. A posthole digger was utilized to advance a sampling pilot hole from approximately three to five feet bgs. A slide hammer equipped with a stainless steel sleeve was subsequently lowered into the pilot holes and used to collect soil samples at each of the two locations. Samples D-4 5' and PL-3 5' were subsequently submitted to Calscience Environmental Laboratories, Inc. under standard chain-of-custody protocol and analyzed for the constituents previously discussed.

4.0 DERIVED SOILS MANAGEMENT AND SAMPLING

The soil excavated during the removal and replacement of the product lines and dispensers and during sample collection was temporarily placed within bins onsite prior to characterization and disposal/treatment. On 4 December 2008, Stratus personnel collected two waste composite soil samples from the excavated material. Sample 'Soil Waste Composite 1' was collected from the pea gravel and soil excavated during removal and replacement of the dispensers and product pipeline stubs out to the main product pipeline. Sample 'Soil Waste Composite 2' was collected from the soil excavated during sample collection. Soil waste composite samples were shipped to Calscience Environmental Laboratories, Inc. under standard chain-of-custody protocol and analyzed for the same constituents as previously discussed. Following characterization and profiling, Paradiso Mechanical, Inc. scheduled Belshire Environmental Services (Belshire) to transport the derived residual soil to an approved facility for treatment or disposal. Belshire transported seven shipments totaling 61.25 tons of contaminated soil (approximated at 84 cubic yards) to the Forward Incorporated Allied Waste Services disposal facility in Manteca California. Copies of trucking tags and disposal tickets are included within Appendix B.

5.0 ANALYTICAL RESULTS OF SOIL SAMPLES

A total of fifteen soil samples were collected during the product piping and dispenser upgrade activities, including composite waste soil samples. The following constituents were reported among the samples analyzed:

- GRO was detected above laboratory reporting limits in 12 of the 15 soil samples collected at concentrations up to 6,500 milligrams per kilogram (mg/kg) in sample PL3-3'.
- Benzene was detected above the laboratory reporting limit in nine of the soil samples collected at concentrations up to 19 mg/kg in sample D-4 5'.
- Toluene was detected above the laboratory reporting limit in six of the soil samples collected at concentrations up to 1.1 mg/kg in sample D-4 5'.
- Ethylbenzene was detected above the laboratory reporting limit in ten of the soil samples collected at concentrations up to 25 mg/kg in sample PL3-3'.
- Total Xylenes were detected above the laboratory reporting limit in ten of the soil samples collected at concentrations up to 31 mg/kg in sample D-4 5'.
- MTBE was detected above the laboratory reporting limit in five of the soil samples collected at concentrations up to 0.16 mg/kg in sample PL4-3'.
- TBA and TAME were detected above the laboratory reporting limits in sample PL1-3' at concentrations of 0.019 mg/kg and 0.0027 mg/kg, respectively.
- Ethanol was detected above the laboratory reporting limit in sample D6-2.5' at a concentration of 0.19 mg/kg.
- Lead was detected in each of the fifteen soil samples collected at concentrations up to 12.20 mg/kg in sample PL3-3'.

The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the fifteen soil samples collected. Soil sample analytical results are summarized in Table 1. Copies of the laboratory analytical reports with chain-of-custody documentation are provided in Appendix A.

6.0 CONCLUSIONS

Based on the results from this soil sampling investigation, BAI concludes the following:

- The concentrations of hydrocarbons observed in initial compliance samples D4-2.5' and PL3-3' contained GRO concentrations of 1,500 mg/kg and 6,500 mg/kg, respectively, and Benzene concentrations of 3.6 mg/kg and 18 mg/kg, respectively.
- A limited amount of additional excavation was able to be performed beneath dispenser D-4 and adjacent product line junction PL-3 due to existing infrastructure.

- Follow-up sample D-4 5' contained a higher GRO concentration of 5,300 mg/kg and a higher Benzene concentration of 19 mg/kg, indicating that the vertical extent of significantly impacted soil was not reached beneath the southern dispenser in the eastern pump island.
- Follow-up sample PL-3 5' contained a lower GRO concentration of 0.78 mg/kg and a lower Benzene concentration of 0.035 mg/kg, indicating that hydrocarbon concentrations rapidly decreased at this location just west of the southern dispenser in the eastern pump island.
- A total of 61.25 tons of contaminated soil (approximated at 84 cubic yards) was transported by Belshire Environmental Services to the Forward Incorporated Allied Waste Services disposal facility in Manteca California.

7.0 CLOSURE

This document has been prepared for the exclusive use of Atlantic Richfield Company. The findings presented in this report are based upon the observations of Stratus field personnel, points of investigation and results of laboratory tests performed by Calscience Environmental Laboratories, Inc. (Garden Grove, California). Services were performed in accordance with the generally accepted standard of practice at the time this report was written. No warranty, expressed or implied, is intended. It is possible that variations in the soil or groundwater conditions could exist beyond the points explored in this investigation. Also, changes in site conditions could occur at some time in the future due to variations in rainfall, temperature, regional water usage or other factors.

**Table 1. Soil Sampling Analytical Data
Atlantic Richfield Company Station #374
6407 Telegraph Avenue, Oakland, California**

Soil Sample ID	Sampling Depth (feet bgs)	Sampling Date	Laboratory Analytical Results (mg/kg)													
			GRO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	TAME	Ethanol	1,2 DCA	EDB	Lead
D1-2.5'	2.5	12/4/2008	120	0.15	<0.10	1.8	9.7	<0.10	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	4.76
D2-2.5'	2.5	12/4/2008	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.010	<0.0020	<0.0020	<0.0020	<0.10	<0.0010	<0.0010	5.50
D3-2.5'	2.5	12/4/2008	17	0.46	<0.10	0.91	1.8	<0.10	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	11.70
D4-2.5'	2.5	12/4/2008	1,500	3.6	0.12	3.6	2.9	<0.10	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	8.65
D-4 5'	5.0	12/9/2008	5,300	19	1.1	23	31	<0.50	<5.0	<1.0	<1.0	<1.0	<50	<0.50	<0.50	11.2
D5-2.5'	2.5	12/4/2008	2.9	<0.0010	0.0019	<0.0010	0.0021	0.0038	<0.010	<0.0020	<0.0020	<0.0020	<0.10	<0.0010	<0.0010	5.38
D6-2.5'	2.5	12/4/2008	1.7	0.0054	0.015	0.0037	0.021	0.0055	<0.010	<0.0020	<0.0020	<0.0020	0.19	<0.0010	<0.0010	5.81
PL1-3'	3.0	12/4/2008	8.0	<0.0010	<0.0010	<0.0010	<0.0010	0.046	0.019	<0.0020	<0.0020	0.0027	<0.10	<0.0010	<0.0010	5.49
PL2-3'	3.0	12/4/2008	<0.50	0.0059	<0.0010	<0.0010	<0.0010	<0.0010	<0.10	<0.0020	<0.0020	<0.0020	<0.10	<0.0010	<0.0010	6.03
PL3-3'	3.0	12/4/2008	6,500	18	0.74	25	12	<0.20	<2.0	<0.40	<0.40	<0.40	<20	<0.20	<0.20	12.20
PL-3 5'	5.0	12/9/2008	0.78	0.035	<0.0010	0.019	0.0021	0.012	<0.010	<0.0020	<0.0020	<0.0020	<0.10	<0.0010	<0.0010	5.43
PL4-3'	3.0	12/4/2008	26	<0.10	<0.10	0.35	<0.10	0.16	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	5.16
PL5-3'	3.0	12/4/2008	15	<0.10	<0.10	0.36	0.10	<0.10	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	4.89
Soil Waste Composite 1	NA	12/4/2008	<0.50	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.010	<0.0020	<0.0020	<0.0020	<0.10	<0.0010	<0.0010	5.37
Soil Waste Composite 2	NA	12/4/2008	77	0.11	0.71	0.28	0.62	<0.10	<1.0	<0.20	<0.20	<0.20	<10	<0.10	<0.10	8.24

NOTES:

Concentrations detected above laboratory reporting limits are in bold

bgs = Below ground surface

mg/kg = Milligrams per kilogram

NA = Not applicable

GRO = Gasoline Range Organics

MTBE = Methyl Tert-Butyl Ether

TBA = Tert-Butyl Alcohol

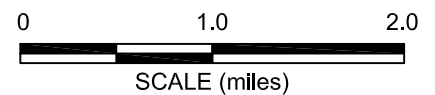
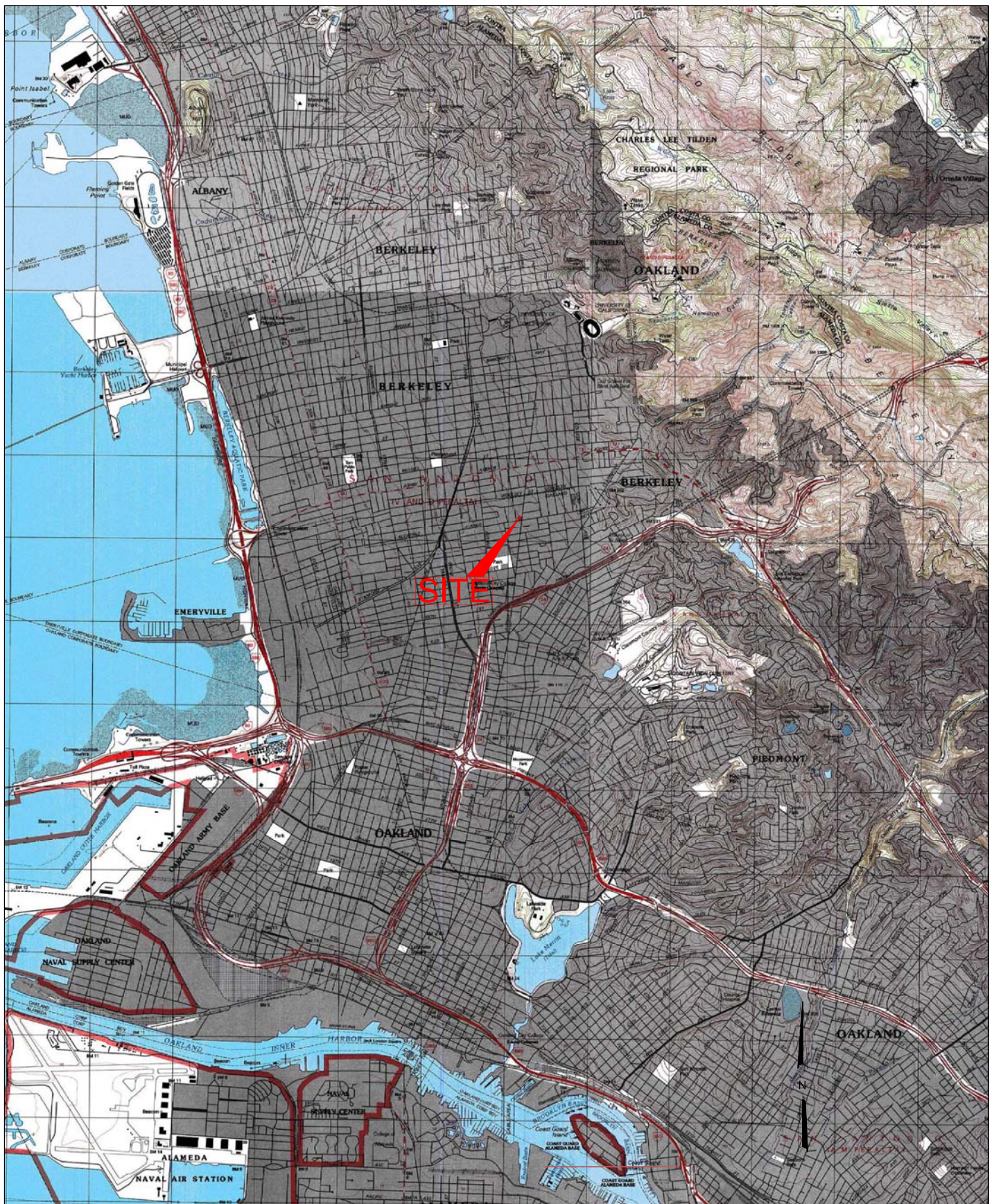
DIPE = Di-Isopropyl Ether

ETBE = Ethyl Tert-Butyl Ether

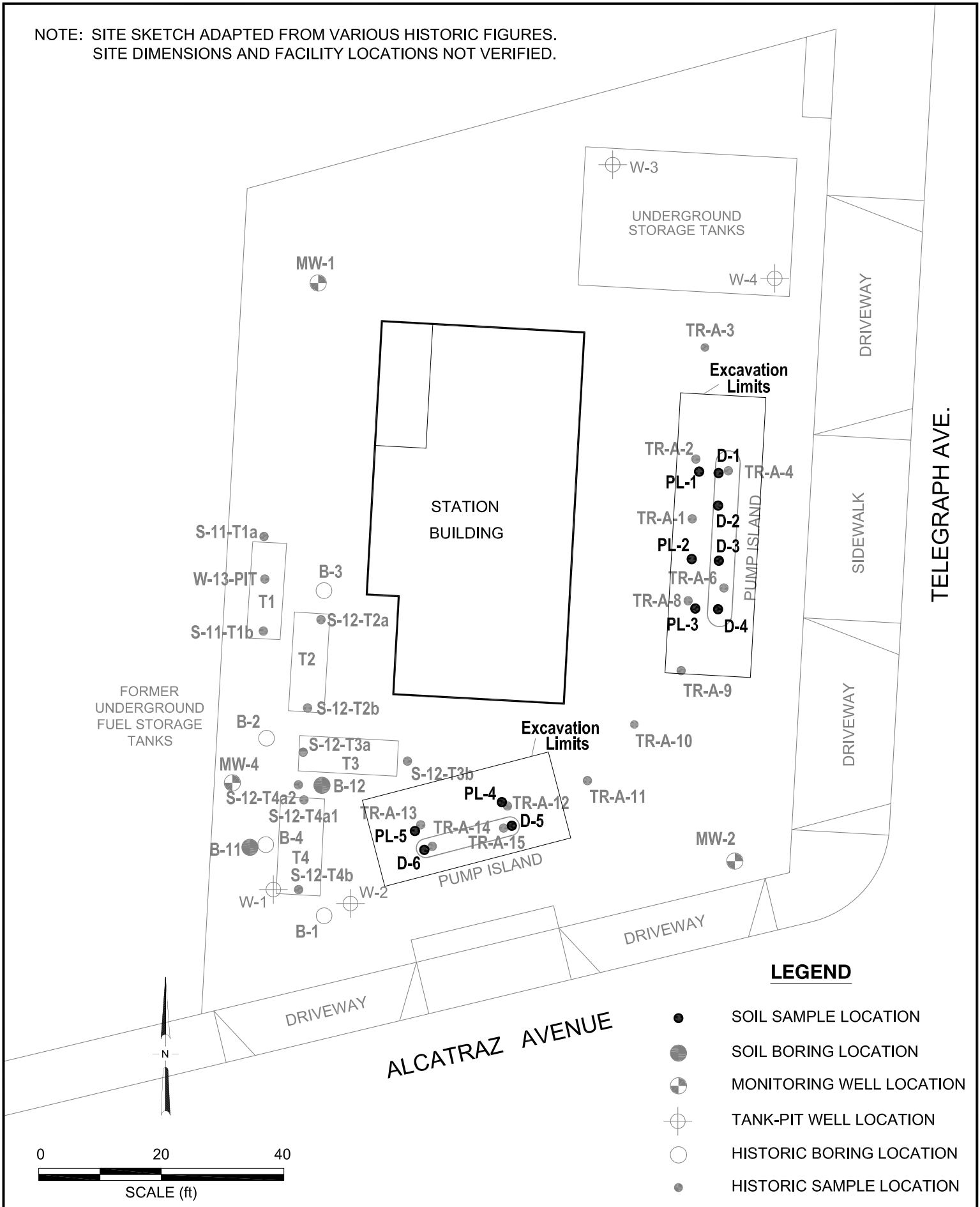
TAME = Tert-Amyl Methyl Ether

1,2-DCA = 1,2-Dichloroethane

EDB = 1,2-Dibromoethane



NOTE: SITE SKETCH ADAPTED FROM VARIOUS HISTORIC FIGURES.
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



LEGEND

- SOIL SAMPLE LOCATION
- SOIL BORING LOCATION
- ⊕ MONITORING WELL LOCATION
- ⊕ TANK-PIT WELL LOCATION
- HISTORIC BORING LOCATION
- HISTORIC SAMPLE LOCATION

APPENDIX A

**STRATUS PRODUCT LINE/FUEL DISPENSER UPGRADE COMPLIANCE SOIL
SAMPLING DATA PACKAGE (INCLUDES FIELD DATA SHEETS, SITE
PLAN, AND CERTIFIED LABORATORY ANALYTICAL REPORTS WITH
CHAIN-OF-CUSTODY DOCUMENTATION)**



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

December 31, 2008

Mr. Tom Venus
Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
Chico, CA 95926

Re: Product Line/Fuel Dispenser Upgrade Compliance Soil Sampling Data Package, ARCO
Service Station No. 374, located at 6407 Telegraph Avenue, Oakland, California.

General Information

Data Submittal Prepared / Reviewed by: Scott Bittinger / Jay Johnson
Phone Number: (530) 676-6000

On-Site Supplier Representative: Scott Bittinger

Date: December 4, 2008

Arrival: 9:00 *Departure:* 14:00

Weather Conditions: Sunny, clear

Unusual Field Conditions: None noted.

Scope of Work Performed: Stratus was onsite to collect compliance soil samples, in conjunction with Paradiso Mechanical Inc. (the contractor renovating the service station), and under the direction of City of Oakland Fire Department personnel. Soil samples were collected from beneath each of the 6 fuel dispensers located at the site. Five samples of soil were also collected from beneath the product line trenches. A waste composite sample of soil/pea gravel mixture generated during uncovering of the product lines/fuel dispensers was collected. A separate waste composite soil sample was collected from the soil generated during the compliance soil sample.

Variations from Work Scope: None Noted

On-Site Supplier Representative: Levi Ford

Date: December 9, 2008

Arrival: 8:20 *Departure:* 11:30

Weather Conditions: Sunny, clear

Unusual Field Conditions: None noted.

Scope of Work Performed: After reviewing analytical results from the December 4, 2008 soil sampling event, representatives of BP/ARCO, Broadbent and Associates, Inc., and Stratus agreed

to collect two additional soil samples at the locations of the highest recorded concentrations of petroleum hydrocarbons at the site. At locations PL-3 and D-4, which had been excavated to approximately 3 feet bgs to allow for product line/fuel dispenser placement, Stratus utilized a post hole digger to advance a sampling pilot hole from approximately 3 to 5 feet bgs. A slide hammer equipped with a stainless steel sleeve was subsequently lowered into the pilot hole and used to collect a soil sample at each of the 2 locations.

Variations from Work Scope: None noted

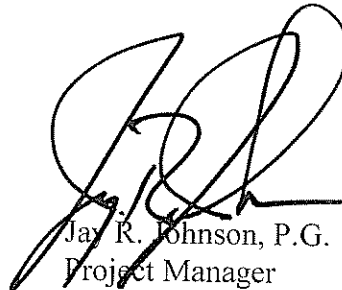
This submittal presents information associated with the collection of compliance soil samples during the replacement of product lines and fuel dispensers at the subject site. The attachments include field data sheets generated during the sampling event, a sketch depicting soil sampling locations, certified analytical results for the soil samples, and chain-of-custody records. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Scott G. Bittinger, P.G.
Project Geologist



Jay R. Johnson, P.G.
Project Manager



Attachments:

- Field Data Sheets
- Sketch of Soil Sampling Locations
- Certified Analytical Reports
- Chain-of-Custody Documentation

cc: Mr. Paul Supple, BP/ARCO

12-4-08

A/c 374, Oakland

Onsite 9:05. Sunny, 55°-60° F

H&S meeting w/ Mark Paradise of Paradise Construction. Sign in on contractor's H&S plan.

Contractor has exposed the fuel dispensers / product line areas at each pump island. Only the ends of the product lines connecting the 2 islands are exposed as about 30-35' of piping between the islands is being left in the ground.

Inspector from Fire Dept. Lab, arriving at 11:30

Chuck & Paul from B.I. onsite 11:25 for safety inspection

		PID
PL1-3'	11:57	38
D1-2.5'	12:04	320
D2-2.5'	12:10	58
D3-2.5'	12:20	135
D4-2.5'	12:30	953
PL2-3'	12:35	6
PL3-3'	12:40	849
D6-2.5'	12:47	554
PL5-3'	12:53	251
D5-2.5'	12:56	27
PL4-3'	13:02	219

~~Paul & Chuck offsite about 12:15~~

Soil waste composite sample 1 represents the pre ground & soil excavated to expose the line.

Soil waste composite sample 2 represents the soil excavated to expose sampling points.

Run PID's & pack up offsite 14:00

Sarah Belsky

Field Data Sheet

Site: 374

Date: 12/9/08

Personnel on site: Levi Ford

Weather Conditions: Clear, Sunny, Cool High 50's

Notes:

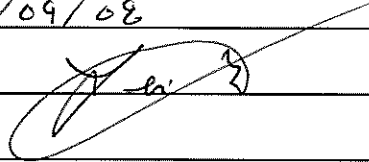
0820 on site

0820-0845 Safety Meeting

0845-0900 Get tools ready for sampling

0900-1120 take 2 Samples (soil)

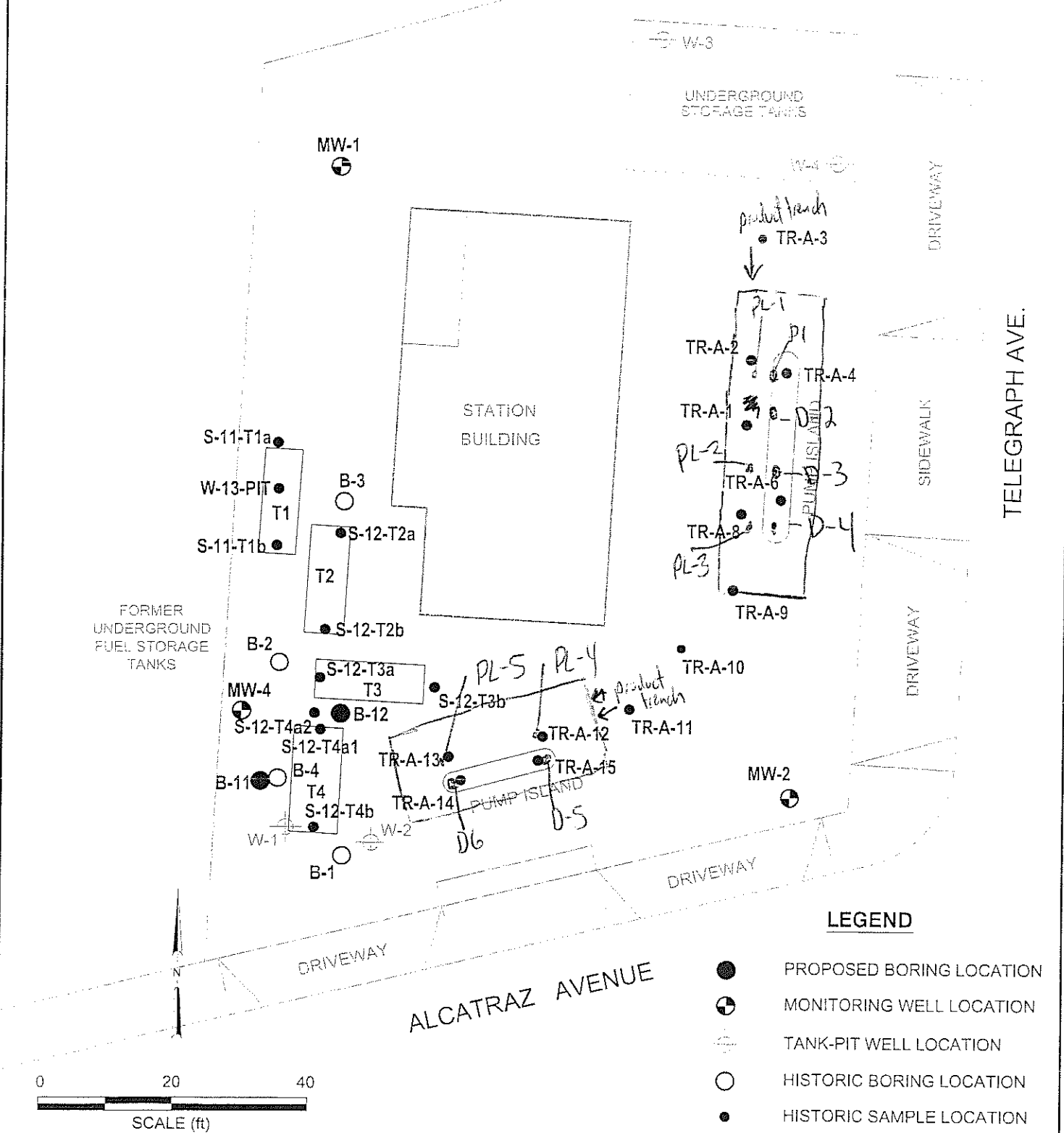
12/09/08

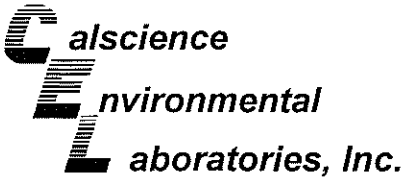


Stratus Environmental

NOTE: SITE SKETCH ADAPTED FROM VARIOUS HISTORIC FIGURES.
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

Handwritten scribbles and signatures at the top of the page.





net

December 09, 2008

Jay Johnson
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Subject: **Calscience Work Order No.: 08-12-0612**
Client Reference: **Arco Station 374**

Dear Client:

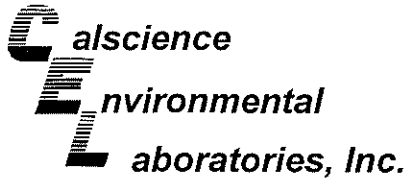
Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/5/2008 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Richard Villafania
Project Manager



Analytical Report

net

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 3050B
Method: EPA 6010B

Project: Arco Station 374

Page 1 of 3

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL1-3', 08-12-0612-1-A, 12/04/08 11:57, Solid, ICP 5300, 12/05/08, 12/06/08 11:25, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 5.49, 0.500, 1, , mg/kg

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D1-2.5', 08-12-0612-2-A, 12/04/08 12:04, Solid, ICP 5300, 12/05/08, 12/06/08 11:27, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 4.76, 0.500, 1, , mg/kg

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D2-2.5', 08-12-0612-3-A, 12/04/08 12:10, Solid, ICP 5300, 12/05/08, 12/06/08 11:29, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 5.50, 0.500, 1, , mg/kg

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D3-2.5', 08-12-0612-4-A, 12/04/08 12:20, Solid, ICP 5300, 12/05/08, 12/06/08 11:30, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 11.7, 0.500, 1, , mg/kg

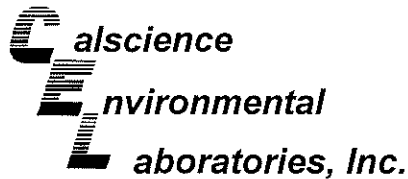
Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: Soil Waste Composite 1, 08-12-0612-5-A, 12/04/08 11:45, Solid, ICP 5300, 12/05/08, 12/06/08 11:32, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 5.37, 0.500, 1, , mg/kg

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D4-2.5', 08-12-0612-6-A, 12/04/08 12:30, Solid, ICP 5300, 12/05/08, 12/06/08 11:34, 081205L03

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Lead, 8.65, 0.500, 1, , mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 3050B
Method: EPA 6010B

Project: Arco Station 374

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL2-3'	08-12-0612-7-A	12/04/08 12:35	Solid	ICP 5300	12/05/08	12/06/08 11:35	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	6.03	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL3-3'	08-12-0612-8-A	12/04/08 12:40	Solid	ICP 5300	12/05/08	12/06/08 11:37	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	12.2	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D6-2.5'	08-12-0612-9-A	12/04/08 12:47	Solid	ICP 5300	12/05/08	12/06/08 11:42	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	5.81	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL5-3'	08-12-0612-10-A	12/04/08 12:53	Solid	ICP 5300	12/05/08	12/06/08 11:44	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	4.89	0.500	1		mg/kg

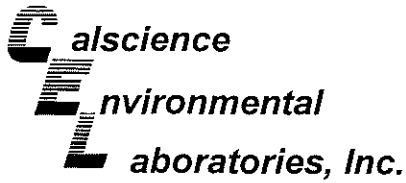
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D5-2.5'	08-12-0612-11-A	12/04/08 12:56	Solid	ICP 5300	12/05/08	12/06/08 11:46	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	5.38	0.500	1		mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL4-3'	08-12-0612-12-A	12/04/08 13:02	Solid	ICP 5300	12/05/08	12/06/08 11:48	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	5.16	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 3050B
Method: EPA 6010B

Project: Arco Station 374

Page 3 of 3

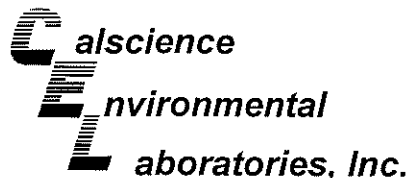
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Soil Waste Composite 2	08-12-0612-17-A	12/04/08 13:15	Solid	ICP 5300	12/05/08	12/06/08 11:49	081205L03

Parameter	Result	RL	DF	Qual	Units
Lead	8.24	0.500	1		mg/kg

Method Blank	097-01-002-11,791	N/A	Solid	ICP 5300	12/05/08	12/06/08 11:06	081205L03
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Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL1-3'	08-12-0612-1-A	12/04/08 11:57	Solid	GC 1	12/05/08	12/06/08 01:24	081204B05

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	8.0	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	114	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D1-2.5'	08-12-0612-2-A	12/04/08 12:04	Solid	GC 1	12/05/08	12/06/08 07:14	081204B06

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	120	5.0	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	122	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D2-2.5'	08-12-0612-3-A	12/04/08 12:10	Solid	GC 1	12/05/08	12/06/08 01:56	081204B05

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	0.50	1		mg/kg

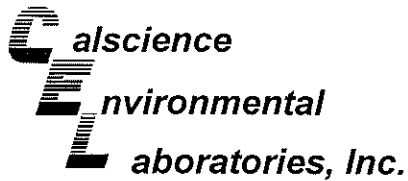
Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D3-2.5'	08-12-0612-4-A	12/04/08 12:20	Solid	GC 1	12/05/08	12/06/08 07:45	081204B06

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	17	5.0	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	42-126	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Soil Waste Composite 1	08-12-0612-5-A	12/04/08 11:45	Solid	GC 1	12/05/08	12/06/08 02:28	081204B05

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D4-2.5'	08-12-0612-6-A	12/04/08 12:30	Solid	GC 1	12/05/08	12/06/08 10:25	081204B06

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	1500	120	250		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL2-3'	08-12-0612-7-A	12/04/08 12:35	Solid	GC 1	12/05/08	12/05/08 23:49	081204B05

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	0.50	1		mg/kg

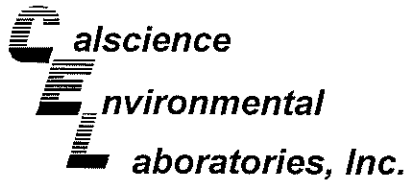
Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	82	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL3-3'	08-12-0612-8-A	12/04/08 12:40	Solid	GC 1	12/05/08	12/06/08 10:57	081204B06

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	6500	120	250		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	160	42-126	LH

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Page 3 of 4

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D6-2.5', 08-12-0612-9-A, 12/04/08 12:47, Solid, GC 1, 12/05/08, 12/06/08 02:59, 081204B05

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Gasoline Range Organics (C6-C12), 1.7, 0.50, 1, mg/kg. Row 2: Surrogates: REC (%), Control Limits, Qual. Row 3: 1,4-Bromofluorobenzene, 93, 42-126

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL5-3', 08-12-0612-10-A, 12/04/08 12:53, Solid, GC 1, 12/05/08, 12/06/08 04:03, 081204B05

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Gasoline Range Organics (C6-C12), 15, 0.50, 1, mg/kg. Row 2: Surrogates: REC (%), Control Limits, Qual. Row 3: 1,4-Bromofluorobenzene, 140, 42-126, LH

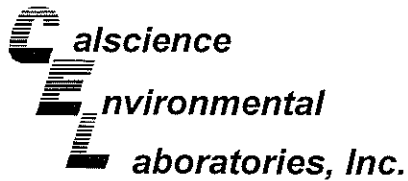
Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D5-2.5', 08-12-0612-11-A, 12/04/08 12:56, Solid, GC 1, 12/05/08, 12/06/08 05:06, 081204B05

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Gasoline Range Organics (C6-C12), 2.9, 0.50, 1, mg/kg. Row 2: Surrogates: REC (%), Control Limits, Qual. Row 3: 1,4-Bromofluorobenzene, 90, 42-126

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL4-3', 08-12-0612-12-A, 12/04/08 13:02, Solid, GC 1, 12/05/08, 12/06/08 06:10, 081204B05

Table with 6 columns: Parameter, Result, RL, DF, Qual, Units. Row 1: Gasoline Range Organics (C6-C12), 26, 0.50, 1, mg/kg. Row 2: Surrogates: REC (%), Control Limits, Qual. Row 3: 1,4-Bromofluorobenzene, 153, 42-126, LH

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Soil Waste Composite 2	08-12-0612-17-A	12/04/08 13:15	Solid	GC 1	12/05/08	12/06/08 09:53	081204B06

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	77	5.0	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	112	42-126			

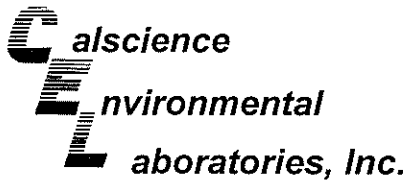
Method Blank	099-12-697-58	N/A	Solid	GC 1	12/05/08	12/05/08 21:42	081204B05
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	0.50	1		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	84	42-126			

Method Blank	099-12-697-59	N/A	Solid	GC 1	12/05/08	12/05/08 23:17	081204B06
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	5.0	10		mg/kg
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
1,4-Bromofluorobenzene	86	42-126			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 1 of 6

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL1-3', 08-12-0612-1-A, 12/04/08 11:57, Solid, GC/MS Z, 12/08/08, 12/08/08 20:27, 081208L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

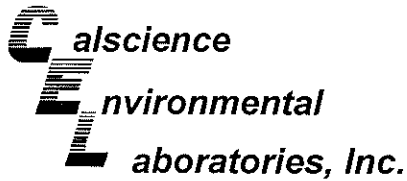
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Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D2-2.5', 08-12-0612-3-A, 12/04/08 12:10, Solid, GC/MS Z, 12/06/08, 12/06/08 18:54, 081206L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 2 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D3-2.5'	08-12-0612-4-A	12/04/08 12:20	Solid	GC/MS Z	12/08/08	12/08/08 17:00	081208L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.46	0.10	100		Xylenes (total)	1.8	0.10	100	
1,2-Dibromoethane	ND	0.10	100		Methyl-t-Butyl Ether (MTBE)	ND	0.10	100	
1,2-Dichloroethane	ND	0.10	100		Tert-Butyl Alcohol (TBA)	ND	1.0	100	
Ethylbenzene	0.91	0.10	100		Diisopropyl Ether (DIPE)	ND	0.20	100	
Ethanol	ND	10	100		Ethyl-t-Butyl Ether (ETBE)	ND	0.20	100	
Toluene	ND	0.10	100		Tert-Amyl-Methyl Ether (TAME)	ND	0.20	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	133	75-141			1,2-Dichloroethane-d4	95	73-151		
Toluene-d8	102	87-111			1,4-Bromofluorobenzene	101	71-113		

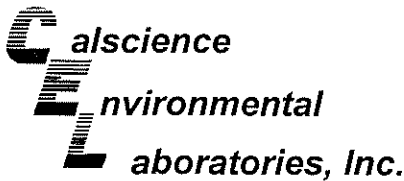
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Soil Waste Composite 1	08-12-0612-5-A	12/04/08 11:45	Solid	GC/MS Z	12/05/08	12/05/08 15:48	081205L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0010	1		Xylenes (total)	ND	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	ND	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	110	75-141			1,2-Dichloroethane-d4	117	73-151		
Toluene-d8	101	87-111			1,4-Bromofluorobenzene	98	71-113		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D4-2.5'	08-12-0612-6-A	12/04/08 12:30	Solid	GC/MS Z	12/08/08	12/08/08 17:31	081208L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3.6	0.10	100		Xylenes (total)	2.9	0.10	100	
1,2-Dibromoethane	ND	0.10	100		Methyl-t-Butyl Ether (MTBE)	ND	0.10	100	
1,2-Dichloroethane	ND	0.10	100		Tert-Butyl Alcohol (TBA)	ND	1.0	100	
Ethylbenzene	3.6	0.10	100		Diisopropyl Ether (DIPE)	ND	0.20	100	
Ethanol	ND	10	100		Ethyl-t-Butyl Ether (ETBE)	ND	0.20	100	
Toluene	0.12	0.10	100		Tert-Amyl-Methyl Ether (TAME)	ND	0.20	100	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	132	75-141			1,2-Dichloroethane-d4	96	73-151		
Toluene-d8	108	87-111			1,4-Bromofluorobenzene	124	71-113		LH

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 3 of 6

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL2-3', 08-12-0612-7-A, 12/04/08 12:35, Solid, GC/MS Z, 12/05/08, 12/05/08 17:22, 081205L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

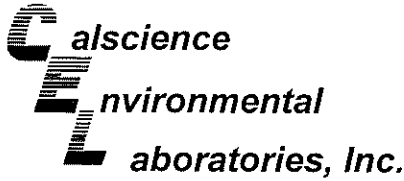
Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL3-3', 08-12-0612-8-A, 12/04/08 12:40, Solid, GC/MS Z, 12/08/08, 12/08/08 20:58, 081208L02

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: D6-2.5', 08-12-0612-9-A, 12/04/08 12:47, Solid, GC/MS Z, 12/05/08, 12/05/08 17:52, 081205L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, 1,2-Dibromoethane, 1,2-Dichloroethane, Ethylbenzene, Ethanol, Toluene, Surrogates, Dibromofluoromethane, Toluene-d8.

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 4 of 6

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL5-3', 08-12-0612-10-A, 12/04/08 12:53, Solid, GC/MS Z, 12/08/08, 12/08/08 18:54, 081208L02

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Lists Benzene, Xylenes, MTBE, TBA, DIPE, ETBE, TAME, and Surrogates (REC, Control Limits) for Dibromofluoromethane and Toluene-d8.

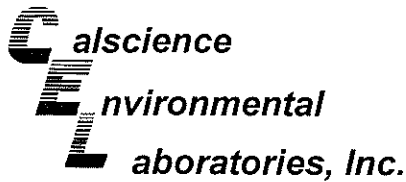
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Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Lists Benzene, Xylenes, MTBE, TBA, DIPE, ETBE, TAME, and Surrogates (REC, Control Limits) for Dibromofluoromethane and Toluene-d8.

Table with 9 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: PL4-3', 08-12-0612-12-A, 12/04/08 13:02, Solid, GC/MS Z, 12/08/08, 12/08/08 19:25, 081208L02

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Lists Benzene, Xylenes, MTBE, TBA, DIPE, ETBE, TAME, and Surrogates (REC, Control Limits) for Dibromofluoromethane and Toluene-d8.

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers



Analytical Report

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Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 5 of 6

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Soil Waste Composite 2	08-12-0612-17-A	12/04/08 13:15	Solid	GC/MS Z	12/08/08	12/08/08 19:56	081208L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.11	0.10	100		Xylenes (total)	0.62	0.10	100	
1,2-Dibromoethane	ND	0.10	100		Methyl-t-Butyl Ether (MTBE)	ND	0.10	100	
1,2-Dichloroethane	ND	0.10	100		Tert-Butyl Alcohol (TBA)	ND	1.0	100	
Ethylbenzene	0.28	0.10	100		Diisopropyl Ether (DIPE)	ND	0.20	100	
Ethanol	ND	10	100		Ethyl-t-Butyl Ether (ETBE)	ND	0.20	100	
Toluene	0.71	0.10	100		Tert-Amyl-Methyl Ether (TAME)	ND	0.20	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	127	75-141			1,2-Dichloroethane-d4	90	73-151		
Toluene-d8	103	87-111			1,4-Bromofluorobenzene	107	71-113		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-71	N/A	Solid	GC/MS Z	12/05/08	12/05/08 15:18	081205L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0010	1		Xylenes (total)	ND	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	ND	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	106	75-141			1,2-Dichloroethane-d4	108	73-151		
Toluene-d8	102	87-111			1,4-Bromofluorobenzene	98	71-113		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-72	N/A	Solid	GC/MS Z	12/06/08	12/06/08 16:50	081206L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0010	1		Xylenes (total)	ND	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	ND	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	125	75-141			1,2-Dichloroethane-d4	104	73-151		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	93	71-113		

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Analytical Report



Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: Arco Station 374

Page 6 of 6

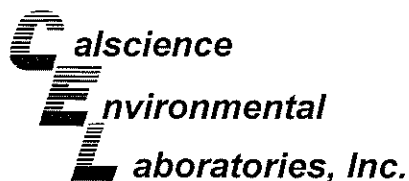
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-73	N/A	Solid	GC/MS Z	12/08/08	12/08/08 13:23	081208L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0010	1		Xylenes (total)	ND	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	ND	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	136	75-141			1,2-Dichloroethane-d4	101	73-151		
Toluene-d8	103	87-111			1,4-Bromofluorobenzene	101	71-113		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-74	N/A	Solid	GC/MS Z	12/08/08	12/08/08 12:52	081208L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.10	100		Xylenes (total)	ND	0.10	100	
1,2-Dibromoethane	ND	0.10	100		Methyl-t-Butyl Ether (MTBE)	ND	0.10	100	
1,2-Dichloroethane	ND	0.10	100		Tert-Butyl Alcohol (TBA)	ND	1.0	100	
Ethylbenzene	ND	0.10	100		Diisopropyl Ether (DIPE)	ND	0.20	100	
Ethanol	ND	10	100		Ethyl-t-Butyl Ether (ETBE)	ND	0.20	100	
Toluene	ND	0.10	100		Tert-Amyl-Methyl Ether (TAME)	ND	0.20	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	136	75-141			1,2-Dichloroethane-d4	99	73-151		
Toluene-d8	103	87-111			1,4-Bromofluorobenzene	100	71-113		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

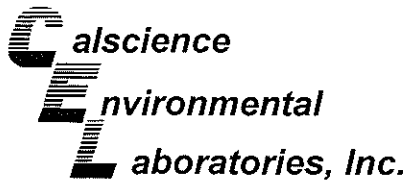
Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 3050B
Method: EPA 6010B

Project Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0244-5	Solid	ICP 5300	12/05/08	12/06/08	081205S03

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	98	98	75-125	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - PDS / PDSD

081205S03

Stratus Environmental, inc.	Date Received	12/05/08
3330 Cameron Park Drive, Suite 550	Work Order No:	08-12-0612
Cameron Park, CA 95682-8861	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDS Batch Number
08-12-0244-5	Solid	ICP 5300	12/05/08	12/06/08	081205S03

<u>Parameter</u>	<u>PDS %REC</u>	<u>PDS %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	94	93	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - Spike/Spike Duplicate



Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

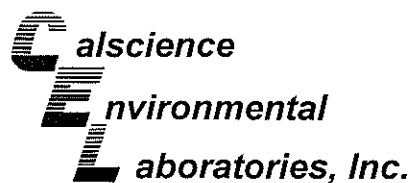
Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PL2-3'	Solid	GC 1	12/05/08	12/06/08	081204S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	91	97	42-126	6	0-25	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

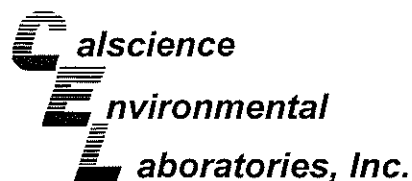
Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Soil Waste Composite 1	Solid	GC/MS Z	12/05/08	12/05/08	081205S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	92	78-114	1	0-14	
Chloroform	77	74	80-120	3	0-20	LN
1,1-Dichloroethane	98	98	80-120	1	0-20	
1,2-Dichloroethane	112	110	80-120	1	0-20	
1,1-Dichloroethene	110	105	73-127	4	0-21	
Ethanol	100	102	45-135	1	0-29	
Tetrachloroethene	73	70	80-120	4	0-20	LN
Toluene	95	94	74-116	2	0-16	
Trichloroethene	94	91	74-122	2	0-17	
Methyl-t-Butyl Ether (MTBE)	118	115	69-123	2	0-18	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

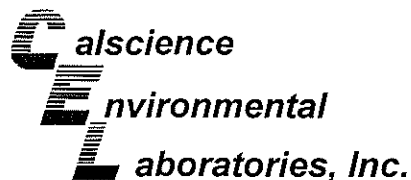
Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-11-2370-6	Solid	GC/MS Z	12/06/08	12/06/08	081206S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	72	64	78-114	12	0-14	LN
Chloroform	81	66	80-120	19	0-20	LN
1,1-Dichloroethane	79	65	80-120	19	0-20	LN
1,2-Dichloroethane	77	65	80-120	16	0-20	LN
1,1-Dichloroethene	79	68	73-127	15	0-21	LN
Ethanol	89	65	45-135	20	0-29	
Tetrachloroethene	72	63	80-120	12	0-20	LN
Toluene	72	63	74-116	13	0-16	LN
Trichloroethene	74	65	74-122	12	0-17	LN
Methyl-t-Butyl Ether (MTBE)	0	0	69-123	7	0-18	LN

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



Stratus Environmental, inc.
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Cameron Park, CA 95682-8861

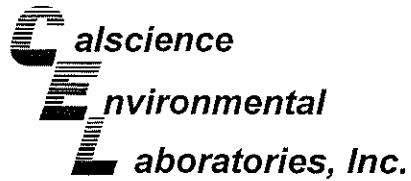
Date Received: 12/05/08
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0245-5	Solid	GC/MS Z	12/08/08	12/08/08	081208S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	71	80	78-114	12	0-14	LN
Chloroform	76	88	80-120	15	0-20	LN
1,1-Dichloroethane	69	79	80-120	14	0-20	LN
1,2-Dichloroethane	73	81	80-120	11	0-20	LN
1,1-Dichloroethene	65	75	73-127	15	0-21	LN
Ethanol	53	65	45-135	21	0-29	
Tetrachloroethene	60	68	80-120	13	0-20	LN
Toluene	74	83	74-116	12	0-16	
Trichloroethene	75	83	74-122	11	0-17	
Methyl-t-Butyl Ether (MTBE)	77	89	69-123	15	0-18	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

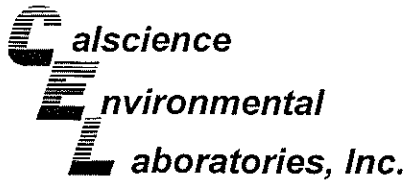
Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 3050B
Method: EPA 6010B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,791	Solid	ICP 5300	12/05/08	12/06/08	081205L03

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	110	109	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

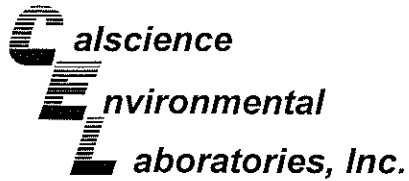
Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-697-59	Solid	GC 1	12/05/08	12/05/08	081204B06

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	75	87	70-118	16	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

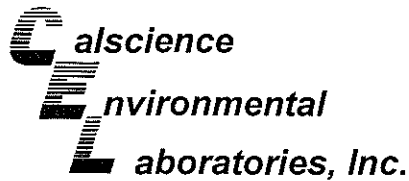
Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-697-58	Solid	GC 1	12/05/08	12/05/08	081204B05

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	75	87	70-118	16	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

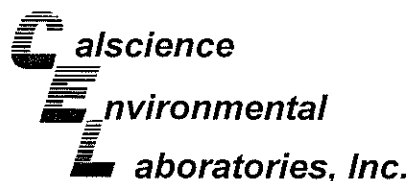
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-71	Solid	GC/MS Z	12/05/08	12/05/08	081205L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	101	84-114	79-119	3	0-7	
Bromobenzene	101	100	80-120	73-127	1	0-20	
Bromochloromethane	98	95	80-120	73-127	3	0-20	
Bromodichloromethane	112	110	80-120	73-127	1	0-20	
Bromoform	123	119	80-120	73-127	4	0-20	LQ
Bromomethane	105	91	80-120	73-127	15	0-20	
n-Butylbenzene	97	100	77-123	69-131	3	0-25	
sec-Butylbenzene	94	98	80-120	73-127	4	0-20	
tert-Butylbenzene	107	107	80-120	73-127	0	0-20	
Carbon Disulfide	141	153	80-120	73-127	8	0-20	LQ
Carbon Tetrachloride	115	117	69-135	58-146	1	0-13	
Chlorobenzene	96	97	85-109	81-113	1	0-8	
Chloroethane	91	104	80-120	73-127	14	0-20	
Chloroform	80	80	80-120	73-127	0	0-20	
Chloromethane	57	73	80-120	73-127	25	0-20	LR,BA
2-Chlorotoluene	99	102	80-120	73-127	2	0-20	
4-Chlorotoluene	98	102	80-120	73-127	3	0-20	
Dibromochloromethane	114	108	80-120	73-127	5	0-20	
1,2-Dibromo-3-Chloropropane	103	107	80-120	73-127	4	0-20	
1,2-Dibromoethane	107	103	80-120	73-127	4	0-20	
Dibromomethane	108	106	80-120	73-127	2	0-20	
1,2-Dichlorobenzene	100	100	80-110	75-115	0	0-10	
1,3-Dichlorobenzene	99	101	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	100	101	80-120	73-127	1	0-20	
Dichlorodifluoromethane	80	101	80-120	73-127	23	0-20	BA
1,1-Dichloroethane	102	105	80-120	73-127	3	0-20	
1,2-Dichloroethane	110	109	80-120	73-127	1	0-20	
1,1-Dichloroethene	112	118	83-125	76-132	5	0-10	
c-1,2-Dichloroethene	101	103	80-120	73-127	1	0-20	
t-1,2-Dichloroethene	115	115	80-120	73-127	0	0-20	
1,2-Dichloropropane	91	92	79-115	73-121	1	0-25	
1,3-Dichloropropane	102	99	80-120	73-127	3	0-20	
2,2-Dichloropropane	118	117	80-120	73-127	0	0-20	
1,1-Dichloropropene	96	98	80-120	73-127	3	0-20	
c-1,3-Dichloropropene	107	105	80-120	73-127	2	0-20	
t-1,3-Dichloropropene	108	102	80-120	73-127	5	0-20	
Ethylbenzene	98	100	80-120	73-127	2	0-20	
Isopropylbenzene	99	100	80-120	73-127	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-71	Solid	GC/MS Z	12/05/08	12/05/08	081205L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
p-Isopropyltoluene	101	102	80-120	73-127	2	0-20	
Methylene Chloride	106	110	80-120	73-127	3	0-20	
Naphthalene	96	95	80-120	73-127	1	0-20	
n-Propylbenzene	98	100	80-120	73-127	2	0-20	
Styrene	96	97	80-120	73-127	1	0-20	
Ethanol	82	111	50-134	36-148	29	0-23	BA
1,1,1,2-Tetrachloroethane	111	107	80-120	73-127	3	0-20	
1,1,2,2-Tetrachloroethane	105	102	80-120	73-127	3	0-20	
Tetrachloroethene	85	95	80-120	73-127	10	0-20	
Toluene	100	102	79-115	73-121	2	0-8	
1,2,3-Trichlorobenzene	107	104	80-120	73-127	3	0-20	
1,2,4-Trichlorobenzene	106	104	80-120	73-127	2	0-20	
1,1,1-Trichloroethane	110	115	80-120	73-127	5	0-20	
1,1,2-Trichloroethane	100	98	80-120	73-127	3	0-20	
Trichloroethene	98	103	87-111	83-115	5	0-7	
Trichlorofluoromethane	118	127	80-120	73-127	8	0-20	LQ
1,2,3-Trichloropropane	105	107	80-120	73-127	2	0-20	
1,2,4-Trimethylbenzene	100	101	80-120	73-127	2	0-20	
1,3,5-Trimethylbenzene	101	102	80-120	73-127	2	0-20	
Vinyl Acetate	140	129	80-120	73-127	8	0-20	LQ
Vinyl Chloride	68	87	72-126	63-135	25	0-10	LR,BA
p/m-Xylene	96	98	80-120	73-127	2	0-20	
o-Xylene	101	102	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	120	113	75-129	66-138	6	0-13	
Tert-Butyl Alcohol (TBA)	97	99	66-126	56-136	2	0-24	
Diisopropyl Ether (DIPE)	83	80	77-125	69-133	4	0-13	
Ethyl-t-Butyl Ether (ETBE)	97	92	72-132	62-142	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	98	77-125	69-133	5	0-10	

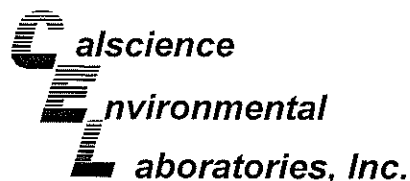
Total number of LCS compounds : 66

Total number of ME compounds : 2

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

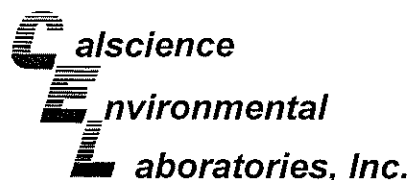
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-72	Solid	GC/MS Z	12/06/08	12/06/08	081206L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	97	96	84-114	79-119	1	0-7	
Bromobenzene	104	100	80-120	73-127	4	0-20	
Bromochloromethane	96	92	80-120	73-127	5	0-20	
Bromodichloromethane	106	103	80-120	73-127	3	0-20	
Bromoform	107	102	80-120	73-127	4	0-20	
Bromomethane	88	86	80-120	73-127	2	0-20	
n-Butylbenzene	102	103	77-123	69-131	1	0-25	
sec-Butylbenzene	102	104	80-120	73-127	1	0-20	
tert-Butylbenzene	102	101	80-120	73-127	1	0-20	
Carbon Disulfide	97	98	80-120	73-127	1	0-20	
Carbon Tetrachloride	101	101	69-135	58-146	0	0-13	
Chlorobenzene	99	99	85-109	81-113	0	0-8	
Chloroethane	102	103	80-120	73-127	1	0-20	
Chloroform	101	102	80-120	73-127	1	0-20	
Chloromethane	95	100	80-120	73-127	5	0-20	
2-Chlorotoluene	105	104	80-120	73-127	0	0-20	
4-Chlorotoluene	100	99	80-120	73-127	0	0-20	
Dibromochloromethane	105	101	80-120	73-127	4	0-20	
1,2-Dibromo-3-Chloropropane	97	101	80-120	73-127	4	0-20	
1,2-Dibromoethane	102	100	80-120	73-127	2	0-20	
Dibromomethane	100	98	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	99	97	80-110	75-115	1	0-10	
1,3-Dichlorobenzene	100	99	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	100	100	80-120	73-127	0	0-20	
Dichlorodifluoromethane	100	103	80-120	73-127	3	0-20	
1,1-Dichloroethane	99	98	80-120	73-127	1	0-20	
1,2-Dichloroethane	103	100	80-120	73-127	3	0-20	
1,1-Dichloroethene	98	100	83-125	76-132	2	0-10	
c-1,2-Dichloroethene	90	92	80-120	73-127	2	0-20	
t-1,2-Dichloroethene	90	93	80-120	73-127	4	0-20	
1,2-Dichloropropane	102	99	79-115	73-121	3	0-25	
1,3-Dichloropropane	102	97	80-120	73-127	5	0-20	
2,2-Dichloropropane	101	100	80-120	73-127	1	0-20	
1,1-Dichloropropene	96	97	80-120	73-127	1	0-20	
c-1,3-Dichloropropene	105	102	80-120	73-127	3	0-20	
t-1,3-Dichloropropene	105	103	80-120	73-127	3	0-20	
Ethylbenzene	102	102	80-120	73-127	1	0-20	
Isopropylbenzene	104	105	80-120	73-127	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-72	Solid	GC/MS Z	12/06/08	12/06/08	081206L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
p-Isopropyltoluene	103	102	80-120	73-127	0	0-20	
Methylene Chloride	98	98	80-120	73-127	1	0-20	
Naphthalene	101	102	80-120	73-127	0	0-20	
n-Propylbenzene	105	104	80-120	73-127	0	0-20	
Styrene	102	102	80-120	73-127	0	0-20	
Ethanol	110	103	50-134	36-148	6	0-23	
1,1,1,2-Tetrachloroethane	103	100	80-120	73-127	3	0-20	
1,1,2,2-Tetrachloroethane	105	101	80-120	73-127	4	0-20	
Tetrachloroethene	94	99	80-120	73-127	6	0-20	
Toluene	98	98	79-115	73-121	1	0-8	
1,2,3-Trichlorobenzene	100	98	80-120	73-127	2	0-20	
1,2,4-Trichlorobenzene	97	97	80-120	73-127	0	0-20	
1,1,1-Trichloroethane	115	108	80-120	73-127	7	0-20	
1,1,2-Trichloroethane	101	98	80-120	73-127	3	0-20	
Trichloroethene	100	100	87-111	83-115	0	0-7	
Trichlorofluoromethane	101	104	80-120	73-127	3	0-20	
1,2,3-Trichloropropane	99	98	80-120	73-127	1	0-20	
1,2,4-Trimethylbenzene	101	102	80-120	73-127	1	0-20	
1,3,5-Trimethylbenzene	102	102	80-120	73-127	0	0-20	
Vinyl Acetate	101	94	80-120	73-127	7	0-20	
Vinyl Chloride	89	91	72-126	63-135	2	0-10	
p/m-Xylene	101	101	80-120	73-127	0	0-20	
o-Xylene	103	103	80-120	73-127	0	0-20	
Methyl-t-Butyl Ether (MTBE)	99	97	75-129	66-138	2	0-13	
Tert-Butyl Alcohol (TBA)	96	95	66-126	56-136	2	0-24	
Diisopropyl Ether (DIPE)	96	96	77-125	69-133	0	0-13	
Ethyl-t-Butyl Ether (ETBE)	99	99	72-132	62-142	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	98	77-125	69-133	5	0-10	

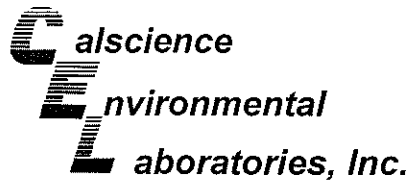
Total number of LCS compounds : 66

Total number of ME compounds : 0

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

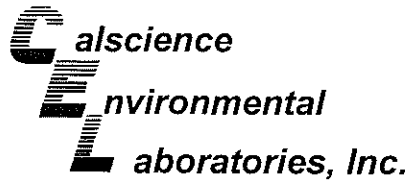
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-73	Solid	GC/MS Z	12/08/08	12/08/08	081208L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	92	94	84-114	79-119	2	0-7	
Bromobenzene	96	98	80-120	73-127	2	0-20	
Bromochloromethane	94	94	80-120	73-127	1	0-20	
Bromodichloromethane	102	103	80-120	73-127	1	0-20	
Bromoform	96	102	80-120	73-127	6	0-20	
Bromomethane	99	95	80-120	73-127	3	0-20	
n-Butylbenzene	97	97	77-123	69-131	1	0-25	
sec-Butylbenzene	94	94	80-120	73-127	0	0-20	
tert-Butylbenzene	95	93	80-120	73-127	2	0-20	
Carbon Disulfide	98	98	80-120	73-127	0	0-20	
Carbon Tetrachloride	100	98	69-135	58-146	1	0-13	
Chlorobenzene	97	100	85-109	81-113	4	0-8	
Chloroethane	93	92	80-120	73-127	2	0-20	
Chloroform	101	100	80-120	73-127	1	0-20	
Chloromethane	71	69	80-120	73-127	3	0-20	LR
2-Chlorotoluene	101	102	80-120	73-127	1	0-20	
4-Chlorotoluene	94	95	80-120	73-127	1	0-20	
Dibromochloromethane	96	100	80-120	73-127	4	0-20	
1,2-Dibromo-3-Chloropropane	91	94	80-120	73-127	2	0-20	
1,2-Dibromoethane	93	96	80-120	73-127	3	0-20	
Dibromomethane	96	99	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	91	90	80-110	75-115	1	0-10	
1,3-Dichlorobenzene	91	93	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	92	91	80-120	73-127	1	0-20	
Dichlorodifluoromethane	97	96	80-120	73-127	1	0-20	
1,1-Dichloroethane	91	92	80-120	73-127	1	0-20	
1,2-Dichloroethane	89	92	80-120	73-127	3	0-20	
1,1-Dichloroethene	88	87	83-125	76-132	2	0-10	
c-1,2-Dichloroethene	90	89	80-120	73-127	1	0-20	
t-1,2-Dichloroethene	89	87	80-120	73-127	3	0-20	
1,2-Dichloropropane	93	94	79-115	73-121	1	0-25	
1,3-Dichloropropane	94	98	80-120	73-127	4	0-20	
2,2-Dichloropropane	100	98	80-120	73-127	2	0-20	
1,1-Dichloropropene	98	98	80-120	73-127	0	0-20	
c-1,3-Dichloropropene	102	105	80-120	73-127	3	0-20	
t-1,3-Dichloropropene	100	103	80-120	73-127	3	0-20	
Ethylbenzene	100	100	80-120	73-127	0	0-20	
Isopropylbenzene	98	99	80-120	73-127	1	0-20	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-73	Solid	GC/MS Z	12/08/08	12/08/08	081208L01		
<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>ME CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
p-Isopropyltoluene	95	94	80-120	73-127	1	0-20	
Methylene Chloride	101	101	80-120	73-127	1	0-20	
Naphthalene	90	95	80-120	73-127	6	0-20	
n-Propylbenzene	101	101	80-120	73-127	1	0-20	
Styrene	99	102	80-120	73-127	3	0-20	
Ethanol	68	81	50-134	36-148	17	0-23	
1,1,1,2-Tetrachloroethane	95	96	80-120	73-127	1	0-20	
1,1,2,2-Tetrachloroethane	98	101	80-120	73-127	4	0-20	
Tetrachloroethene	82	92	80-120	73-127	11	0-20	
Toluene	97	97	79-115	73-121	1	0-8	
1,2,3-Trichlorobenzene	89	93	80-120	73-127	4	0-20	
1,2,4-Trichlorobenzene	88	91	80-120	73-127	3	0-20	
1,1,1-Trichloroethane	112	111	80-120	73-127	1	0-20	
1,1,2-Trichloroethane	95	97	80-120	73-127	2	0-20	
Trichloroethene	98	100	87-111	83-115	2	0-7	
Trichlorofluoromethane	101	99	80-120	73-127	2	0-20	
1,2,3-Trichloropropane	91	94	80-120	73-127	3	0-20	
1,2,4-Trimethylbenzene	92	93	80-120	73-127	1	0-20	
1,3,5-Trimethylbenzene	96	97	80-120	73-127	1	0-20	
Vinyl Acetate	98	98	80-120	73-127	0	0-20	
Vinyl Chloride	79	75	72-126	63-135	5	0-10	
p/m-Xylene	98	98	80-120	73-127	0	0-20	
o-Xylene	101	102	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	98	101	75-129	66-138	3	0-13	
Tert-Butyl Alcohol (TBA)	82	86	66-126	56-136	5	0-24	
Diisopropyl Ether (DIPE)	79	81	77-125	69-133	3	0-13	
Ethyl-t-Butyl Ether (ETBE)	88	89	72-132	62-142	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	103	77-125	69-133	3	0-10	

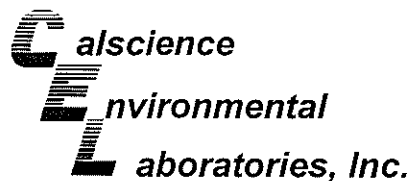
Total number of LCS compounds : 66

Total number of ME compounds : 0

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

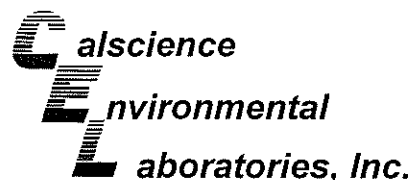
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-74	Solid	GC/MS Z	12/08/08	12/08/08	081208L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	92	94	84-114	79-119	2	0-7	
Bromobenzene	96	98	80-120	73-127	2	0-20	
Bromochloromethane	94	94	80-120	73-127	1	0-20	
Bromodichloromethane	102	103	80-120	73-127	1	0-20	
Bromoform	96	102	80-120	73-127	6	0-20	
Bromomethane	99	95	80-120	73-127	3	0-20	
n-Butylbenzene	97	97	77-123	69-131	1	0-25	
sec-Butylbenzene	94	94	80-120	73-127	0	0-20	
tert-Butylbenzene	95	93	80-120	73-127	2	0-20	
Carbon Disulfide	98	98	80-120	73-127	0	0-20	
Carbon Tetrachloride	100	98	69-135	58-146	1	0-13	
Chlorobenzene	97	100	85-109	81-113	4	0-8	
Chloroethane	93	92	80-120	73-127	2	0-20	
Chloroform	101	100	80-120	73-127	1	0-20	
Chloromethane	71	69	80-120	73-127	3	0-20	LR
2-Chlorotoluene	101	102	80-120	73-127	1	0-20	
4-Chlorotoluene	94	95	80-120	73-127	1	0-20	
Dibromochloromethane	96	100	80-120	73-127	4	0-20	
1,2-Dibromo-3-Chloropropane	91	94	80-120	73-127	2	0-20	
1,2-Dibromoethane	93	96	80-120	73-127	3	0-20	
Dibromomethane	96	99	80-120	73-127	3	0-20	
1,2-Dichlorobenzene	91	90	80-110	75-115	1	0-10	
1,3-Dichlorobenzene	91	93	80-120	73-127	2	0-20	
1,4-Dichlorobenzene	92	91	80-120	73-127	1	0-20	
Dichlorodifluoromethane	97	96	80-120	73-127	1	0-20	
1,1-Dichloroethane	91	92	80-120	73-127	1	0-20	
1,2-Dichloroethane	89	92	80-120	73-127	3	0-20	
1,1-Dichloroethene	88	87	83-125	76-132	2	0-10	
c-1,2-Dichloroethene	90	89	80-120	73-127	1	0-20	
t-1,2-Dichloroethene	89	87	80-120	73-127	3	0-20	
1,2-Dichloropropane	93	94	79-115	73-121	1	0-25	
1,3-Dichloropropane	94	98	80-120	73-127	4	0-20	
2,2-Dichloropropane	100	98	80-120	73-127	2	0-20	
1,1-Dichloropropene	98	98	80-120	73-127	0	0-20	
c-1,3-Dichloropropene	102	105	80-120	73-127	3	0-20	
t-1,3-Dichloropropene	100	103	80-120	73-127	3	0-20	
Ethylbenzene	100	100	80-120	73-127	0	0-20	
Isopropylbenzene	98	99	80-120	73-127	1	0-20	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-0612
Preparation: EPA 5030B
Method: EPA 8260B

Project: Arco Station 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-74	Solid	GC/MS Z	12/08/08	12/08/08	081208L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
p-Isopropyltoluene	95	94	80-120	73-127	1	0-20	
Methylene Chloride	101	101	80-120	73-127	1	0-20	
Naphthalene	90	95	80-120	73-127	6	0-20	
n-Propylbenzene	101	101	80-120	73-127	1	0-20	
Styrene	99	102	80-120	73-127	3	0-20	
Ethanol	68	81	50-134	36-148	17	0-23	
1,1,1,2-Tetrachloroethane	95	96	80-120	73-127	1	0-20	
1,1,2,2-Tetrachloroethane	98	101	80-120	73-127	4	0-20	
Tetrachloroethene	82	92	80-120	73-127	11	0-20	
Toluene	97	97	79-115	73-121	1	0-8	
1,2,3-Trichlorobenzene	89	93	80-120	73-127	4	0-20	
1,2,4-Trichlorobenzene	88	91	80-120	73-127	3	0-20	
1,1,1-Trichloroethane	112	111	80-120	73-127	1	0-20	
1,1,2-Trichloroethane	95	97	80-120	73-127	2	0-20	
Trichloroethene	98	100	87-111	83-115	2	0-7	
Trichlorofluoromethane	101	99	80-120	73-127	2	0-20	
1,2,3-Trichloropropane	91	94	80-120	73-127	3	0-20	
1,2,4-Trimethylbenzene	92	93	80-120	73-127	1	0-20	
1,3,5-Trimethylbenzene	96	97	80-120	73-127	1	0-20	
Vinyl Acetate	98	98	80-120	73-127	0	0-20	
Vinyl Chloride	79	75	72-126	63-135	5	0-10	
p/m-Xylene	98	98	80-120	73-127	0	0-20	
o-Xylene	101	102	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	98	101	75-129	66-138	3	0-13	
Tert-Butyl Alcohol (TBA)	82	86	66-126	56-136	5	0-24	
Diisopropyl Ether (DIPE)	79	81	77-125	69-133	3	0-13	
Ethyl-t-Butyl Ether (ETBE)	88	89	72-132	62-142	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	103	77-125	69-133	3	0-10	

Total number of LCS compounds : 66

Total number of ME compounds : 0

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit


 Work Order Number: 08-12-0612

<u>Qualifier</u>	<u>Definition</u>
AX	Sample too dilute to quantify surrogate.
BA	There was no MS/MSD analyzed with this batch due to insufficient sample volume (NR = not reported). See Blank Spike/Blank Spike Duplicate.
BA,AY	Relative percent difference out of control, matrix interference suspected.
BB	Sample > 4x spike concentration.
BF	Reporting limits raised due to high hydrocarbon background.
BH	Reporting limits raised due to high level of non-target analytes.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
BY	Sample received at improper temperature.
CL	Initial analysis within holding time but required dilution.
CQ	Analyte concentration greater than 10 times the blank concentration.
CU	Surrogate concentration diluted to not detectable during analysis.
DF	Reporting limits elevated due to matrix interferences.
ET	Sample was extracted past end of recommended max. holding time.
EY	Result exceeds normal dynamic range; reported as a min est.
GS	Internal standard recovery is outside method recovery limit.
IB	CCV recovery abovelimit; analyte not detected.
IH	Calibrtn. verif. recov. below method CL for this analyte.
IJ	Calibrtn. verif. recov. above method CL for this analyte.
J,DX	J=EPA Flag -Estimated value; DX= Value < lowest standard (MQL), but > than MDL.
LA	Confirmatory analysis was past holding time.
LG	Surrogate recovery below the acceptance limit.
LH	Surrogate recovery above the acceptance limit.
LM,AY	MS and/or MSD above acceptance limits. See Blank Spike (LCS). Matrix interference suspected.
LN,AY	MS and/or MSD below acceptance limits. See Blank Spike (LCS). Matrix interference suspected.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.



<u>Qualifier</u>	<u>Definition</u>
MB	Analyte present in the method blank.
MG	Analyte is a suspected lab contaminate.
PC	Sample taken from VOA vial with air bubble > 6mm diameter.
PI	Primary and confirm results varied by > than 40% RPD.
RB	RPD exceeded method control limit; % recoveries within limits.





Chain of Custody Record

173124

08-12-0612

Page 1 of 2

Project Name: BP/AR Area Station 374
 BP BU/AR Region/Enfos Segment: Alameda Portfolio
 State or Lead Regulatory Agency: Alameda County Health
 Requested Due Date (mm/dd/yy): 12-8-08

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: <u>Cal Science</u>	BP/AR Facility No.: <u>374</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>7440 Lincoln Way Garden Grove, CA 92741</u>	BP/AR Facility Address: <u>6407 Telegraph Avenue, Oakland</u>	Address: <u>3330 Cameron Park Dr., #550 Cameron Park, CA 95682</u>
Lab PM:	Site Lat/Long:	Consultant/Contractor Project No.: <u>E-374</u>
Tele/Fax:	California Global ID No.: <u>T0600100106</u>	Consultant/Contractor PM: <u>J. Johnson</u>
BP/AR EBM: <u>Paul Supply</u>	Enfos Project No.: <u>GOC-21-0027</u>	Tele/Fax: <u>530-616-6004</u>
Address:	Provision of <u>OC</u> (circle one)	Report Type & QC Level: <u>cont/w/FEDF</u>
Tele/Fax: <u>925-275-3801</u>	Phase/WBS: <u>Compliance</u>	E-mail EDD To:
	Sub Phase/Task: <u>empty hand cart</u>	Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)
	Cost Element: <u>contactor labor</u>	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis						Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	CrO13/Bea	SOxys	ph/NO1	1,2-DCA	FDB	ph lead			
1	PL1-3'	11:57	12-4	✓				1	✓						✓	✓	✓	✓	✓	✓		48 new TAT
2	D1-2.5'	12:04																				
3	D2-2.5'	12:10																				
4	D3-2.5'	12:20																				
5	Soil wash composite 1	11:45																				
6	D4-2.5'	12:30																				
7	PL2-3'	12:35																				
8	PL3-3'	12:40																				
9	D6-2.5'	12:47																				
10	PL5-3'	12:53		✓					✓													

Sampler's Name: <u>Scott Bittings</u>	Relinquished By / Affiliation: <u>Scott Bittings</u>	Date:	Time:	Accepted By / Affiliation:	Date:	Time:
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>12-4-08</u>						
Shipment Method: <u>Fed Ex</u>						
Shipment Tracking No: <u>851353494124</u>	<u>Fedex</u>	<u>12/5/08</u>	<u>10:00</u>	<u>DANNY LEL</u>	<u>12/5/08</u>	<u>10:00</u>

Special Instructions:

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Page 4 of 36



173136

0612

Chain of Custody Record

Project Name: Alameda 374
 BP BU/AR Region/Enfos Segment: Alameda Drilling
 State or Lead Regulatory Agency: Alameda County Health
 Requested Due Date (mm/dd/yy): 12-8-08

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: <u>Cal Science</u>	BP/AR Facility No.: <u>374</u>	Consultant/Contractor: <u>Starks Environmental, Inc</u>
Address: <u>7440 Lincolnway Garden Grove</u>	BP/AR Facility Address: <u>6407 Telegraph Ave, Oakland</u>	Address: <u>3330 Cameron Park Dr. #550 Cameron Park, CA 95822</u>
Lab PM:	Site Lat/Long:	Consultant/Contractor Project No.: <u>F-374</u>
Tele/Fax:	California Global ID No.: <u>T0600100106</u>	Consultant/Contractor PM: <u>J. Johnson</u>
BP/AR EBM: <u>Paul Supple</u>	Enfos Project No.: <u>GOC 21-0077</u>	Tele/Fax:
Address:	Provision of <u>OOC</u> (circle one)	Report Type & QC Level: <u>Level 1 w/EDF</u>
Tele/Fax: <u>714-775-3801</u>	Phase/WBS: <u>Company</u>	E-mail EDD To:
	Sub Phase/Task: <u>analytical art</u>	Invoice to: Consultant or BP or <u>Atlantic Richfield Co.</u> (circle one)
	Cost Element: <u>Contract Lab</u>	

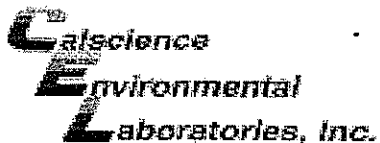
Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	COB/Blex	Soxys	elhex	17-DCA	EDS		total		
11	D5-251	12:56	12-4	✓				1	✓						✓	✓	✓	✓	✓	✓	48 hour TAT	
12	PL4-31	13:02	12-4	✓				1	✓						✓	✓	✓	✓	✓	✓		
13	Soil waste composite 2	13:15	12-4	✓				4	✓						✓	✓	✓	✓	✓	✓		
14																						
15																						
16																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>Scott Pittenger</u>	Relinquished By / Affiliation: <u>Scott Pittenger</u>	Date:	Time:	Accepted By / Affiliation: <u>Dannyle CCL</u>	Date:	Time:
Sampler's Company: <u>Starks Environmental, Inc</u>						
Shipment Date: <u>12-4-08</u>						
Shipment Method: <u>FedEx</u>						
Shipment Tracking No: <u>851353494124</u>		<u>12/5/08</u>	<u>10:00</u>		<u>12/5/08</u>	<u>10:00</u>

Special Instructions:

Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No

Page 35 of 36



WORK ORDER #: 08-12-0612

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Stratus - Atlantic

DATE: 12/05/08

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 5.1 °C - 0.2°C (CF) = 4.9 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Metals Only PCBs Only Initial: D.L.

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: D.L.

Sample _____ No (Not Intact) Not Present Initial: W.S.C.

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve EnCores® TerraCores® _____

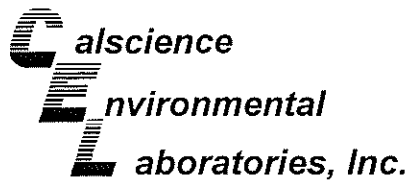
Water: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_{po4} 1AGB 1AGB_{na2} 1AGB_s 500AGB 500AGB_s 250CGB 250CGB_s 1PB 500PB 500PB_{na} 250PB 250PB_n 125PB 125PB_{znna} 100PBsterile 100PB_{na2} _____ _____ _____

Air: Tedlar® Summa® _____

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO₃ na₂:Na₂S₂O₃ na:NaOH po₄:H₃PO₄ s:H₂SO₄ znna:ZnAc₂+NaOH

Checked/Labeled by: W.S.C.
 Reviewed by: D.L.
 Scanned by: W.S.C.



December 19, 2008

Jay Johnson
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Subject: **Calscience Work Order No.: 08-12-1000**
Client Reference: **ARCO 374**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/10/2008 and analyzed in accordance with the attached chain-of-custody.

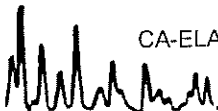
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

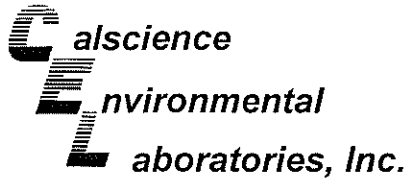
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script that reads "Philip Lavelle for".

Calscience Environmental
Laboratories, Inc.
Richard Villafania
Project Manager





Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 3050B
Method: EPA 6010B

Project: ARCO 374

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-3 5'	08-12-1000-1-A	12/09/08 11:42	Solid	ICP 5300	12/17/08	12/18/08 12:20	081217L01

Parameter	Result	RL	DF	Qual	Units
Lead	5.43	0.500	1		mg/kg

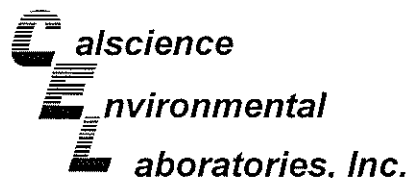
D-4 5'	08-12-1000-2-A	12/09/08 10:56	Solid	ICP 5300	12/17/08	12/18/08 12:49	081217L01
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Parameter	Result	RL	DF	Qual	Units
Lead	11.2	0.500	1		mg/kg

Method Blank	097-01-002-11,844	N/A		Solid	ICP 5300	12/17/08	12/18/08 12:05	081217L01
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Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ARCO 374

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-3 5'	08-12-1000-1-A	12/09/08 11:42	Solid	GC 1	12/11/08	12/11/08 10:43	081210B02

Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	0.78	0.50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	75	42-126	

D-4 5'	08-12-1000-2-A	12/09/08 10:56	Solid	GC 1	12/11/08	12/11/08 11:47	081210B03
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	5300	120	250		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	134	42-126	LH

Method Blank	099-12-697-61	N/A	Solid	GC 1	12/10/08	12/11/08 05:24	081210B02
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	0.50	1		mg/kg

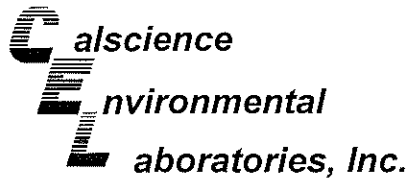
Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	72	42-126	

Method Blank	099-12-697-62	N/A	Solid	GC 1	12/10/08	12/11/08 06:59	081210B03
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Parameter	Result	RL	DF	Qual	Units
Gasoline Range Organics (C6-C12)	ND	5.0	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	73	42-126	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers



Analytical Report

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

Project: ARCO 374

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
PL-3 5'	08-12-1000-1-A	12/09/08 11:42	Solid	GC/MS Z	12/11/08	12/11/08 19:38	081211L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.035	0.0010	1		Xylenes (total)	0.0021	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	0.012	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	0.019	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	87	75-141			1,2-Dichloroethane-d4	102	73-151		
Toluene-d8	102	87-111			1,4-Bromofluorobenzene	100	71-113		

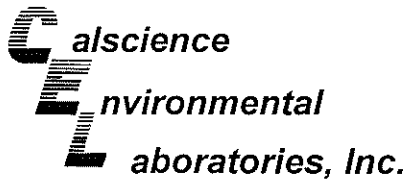
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-4 5'	08-12-1000-2-A	12/09/08 10:56	Solid	GC/MS Z	12/12/08	12/12/08 16:17	081212L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	19	0.50	500		Xylenes (total)	31	0.50	500	
1,2-Dibromoethane	ND	0.50	500		Methyl-t-Butyl Ether (MTBE)	ND	0.50	500	
1,2-Dichloroethane	ND	0.50	500		Tert-Butyl Alcohol (TBA)	ND	5.0	500	
Ethylbenzene	23	0.50	500		Diisopropyl Ether (DIPE)	ND	1.0	500	
Ethanol	ND	50	500		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	500	
Toluene	1.1	0.50	500		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	500	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	86	75-141			1,2-Dichloroethane-d4	82	73-151		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	109	71-113		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-77	N/A	Solid	GC/MS Z	12/11/08	12/11/08 16:01	081211L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0010	1		Xylenes (total)	ND	0.0010	1	
1,2-Dibromoethane	ND	0.0010	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0010	1	
1,2-Dichloroethane	ND	0.0010	1		Tert-Butyl Alcohol (TBA)	ND	0.010	1	
Ethylbenzene	ND	0.0010	1		Diisopropyl Ether (DIPE)	ND	0.0020	1	
Ethanol	ND	0.10	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.0020	1	
Toluene	ND	0.0010	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.0020	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	102	75-141			1,2-Dichloroethane-d4	104	73-151		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	89	71-113		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

net

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B
Units: mg/kg

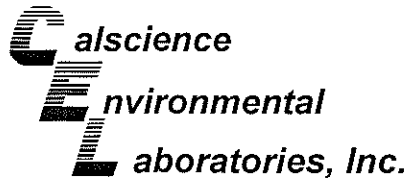
Project: ARCO 374

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-709-80	N/A	Solid	GC/MS Z	12/12/08	12/12/08 12:08	081212L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.10	100		Xylenes (total)	ND	0.10	100	
1,2-Dibromoethane	ND	0.10	100		Methyl-t-Butyl Ether (MTBE)	ND	0.10	100	
1,2-Dichloroethane	ND	0.10	100		Tert-Butyl Alcohol (TBA)	ND	1.0	100	
Ethylbenzene	ND	0.10	100		Diisopropyl Ether (DIPE)	ND	0.20	100	
Ethanol	ND	10	100		Ethyl-t-Butyl Ether (ETBE)	ND	0.20	100	
Toluene	ND	0.10	100		Tert-Amyl-Methyl Ether (TAME)	ND	0.20	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	107	75-141			1,2-Dichloroethane-d4	110	73-151		
Toluene-d8	100	87-111			1,4-Bromofluorobenzene	92	71-113		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 3050B
Method: EPA 6010B

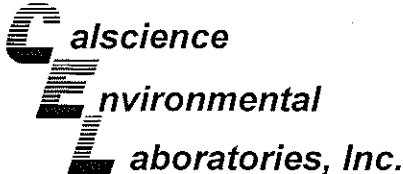
Project ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
PL-3 5'	Solid	ICP 5300	12/17/08	12/18/08	081217S01

<u>Parameter</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	94	99	75-125	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

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Quality Control - PDS / PDSD

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Cameron Park, CA 95682-8861

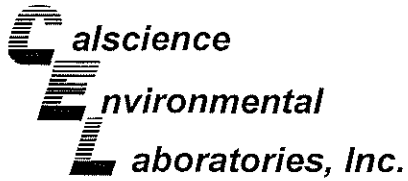
Date Received 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 3050B
Method: EPA 6010B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
PL-3 5'	Solid	ICP 5300	12/17/08	12/18/08	081217S01

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	94	93	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate

700

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

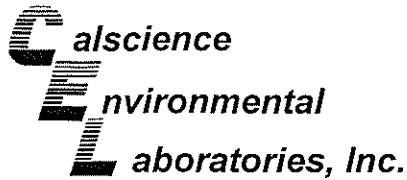
Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0999-3	Solid	GC 1	12/10/08	12/11/08	081210S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Gasoline Range Organics (C6-C12)	77	88	42-126	13	0-25	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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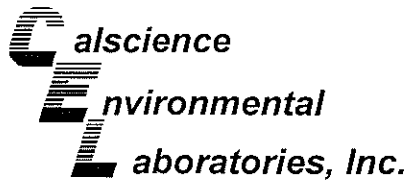
Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0999-2	Solid	GC/MS Z	12/11/08	12/11/08	081211S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	83	81	78-114	3	0-14	
Chloroform	87	84	80-120	3	0-20	
1,1-Dichloroethane	83	84	80-120	1	0-20	
1,2-Dichloroethane	88	84	80-120	5	0-20	
1,1-Dichloroethene	81	82	73-127	2	0-21	
Ethanol	73	44	45-135	48	0-29	LN,BA,AY
Tetrachloroethene	76	77	80-120	0	0-20	
Toluene	83	81	74-116	2	0-16	
Trichloroethene	81	82	74-122	1	0-17	
Methyl-t-Butyl Ether (MTBE)	88	87	69-123	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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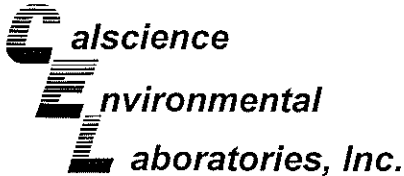
Date Received: 12/10/08
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-12-0875-7	Solid	GC/MS Z	12/12/08	12/12/08	081212S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	88	87	79-115	1	0-13	
Carbon Tetrachloride	89	88	55-139	1	0-15	
Chlorobenzene	91	88	79-115	4	0-17	
1,2-Dibromoethane	94	93	70-130	2	0-30	
1,2-Dichlorobenzene	91	85	63-123	7	0-23	
1,1-Dichloroethene	86	88	69-123	2	0-16	
Ethylbenzene	94	92	70-130	2	0-30	
Toluene	91	89	79-115	3	0-15	
Trichloroethene	90	88	66-144	2	0-14	
Vinyl Chloride	83	87	60-126	6	0-14	
Methyl-t-Butyl Ether (MTBE)	90	47	68-128	62	0-14	LN,BA,AY
Tert-Butyl Alcohol (TBA)	88	86	44-134	2	0-37	
Diisopropyl Ether (DIPE)	84	84	75-123	0	0-12	
Ethyl-t-Butyl Ether (ETBE)	105	91	75-117	14	0-12	BA,AY
Tert-Amyl-Methyl Ether (TAME)	97	98	79-115	1	0-12	
Ethanol	83	91	42-138	9	0-28	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

REC

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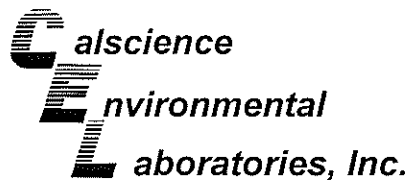
Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 3050B
Method: EPA 6010B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-11,844	Solid	ICP 5300	12/17/08	12/18/08	081217L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Lead	115	115	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

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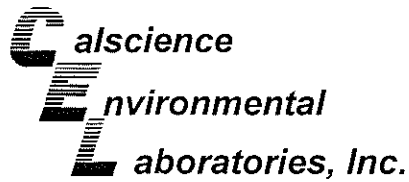
Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-697-62	Solid	GC 1	12/10/08	12/11/08	081210B03

Parameter	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Gasoline Range Organics (C6-C12)	91	91	70-118	0	0-20	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

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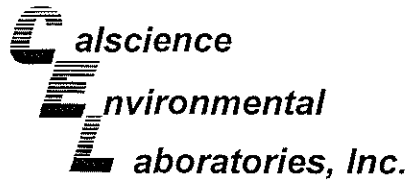
Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-697-61	Solid	GC 1	12/10/08	12/11/08	081210B02

Parameter	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Gasoline Range Organics (C6-C12)	91	91	70-118	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
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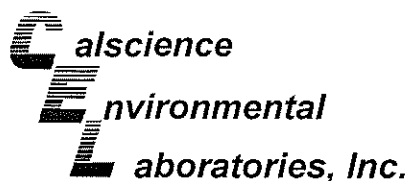
Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-77	Solid	GC/MS Z	12/11/08	12/11/08	081211L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	96	97	84-114	79-119	1	0-7	
Bromobenzene	101	102	80-120	73-127	1	0-20	
Bromochloromethane	95	93	80-120	73-127	2	0-20	
Bromodichloromethane	99	100	80-120	73-127	1	0-20	
Bromoform	96	98	80-120	73-127	2	0-20	
Bromomethane	99	94	80-120	73-127	5	0-20	
n-Butylbenzene	107	108	77-123	69-131	1	0-25	
sec-Butylbenzene	106	109	80-120	73-127	2	0-20	
tert-Butylbenzene	102	102	80-120	73-127	0	0-20	
Carbon Disulfide	99	100	80-120	73-127	1	0-20	
Carbon Tetrachloride	96	98	69-135	58-146	1	0-13	
Chlorobenzene	101	102	85-109	81-113	1	0-8	
Chloroethane	104	106	80-120	73-127	2	0-20	
Chloroform	96	97	80-120	73-127	1	0-20	
Chloromethane	95	93	80-120	73-127	3	0-20	
2-Chlorotoluene	106	107	80-120	73-127	1	0-20	
4-Chlorotoluene	102	104	80-120	73-127	2	0-20	
Dibromochloromethane	98	98	80-120	73-127	1	0-20	
1,2-Dibromo-3-Chloropropane	95	92	80-120	73-127	3	0-20	
1,2-Dibromoethane	97	98	80-120	73-127	1	0-20	
Dibromomethane	95	97	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	98	100	80-110	75-115	2	0-10	
1,3-Dichlorobenzene	99	99	80-120	73-127	1	0-20	
1,4-Dichlorobenzene	99	98	80-120	73-127	0	0-20	
Dichlorodifluoromethane	96	97	80-120	73-127	1	0-20	
1,1-Dichloroethane	96	97	80-120	73-127	1	0-20	
1,2-Dichloroethane	95	95	80-120	73-127	0	0-20	
1,1-Dichloroethene	98	98	83-125	76-132	0	0-10	
c-1,2-Dichloroethene	93	92	80-120	73-127	1	0-20	
t-1,2-Dichloroethene	94	96	80-120	73-127	2	0-20	
1,2-Dichloropropane	99	101	79-115	73-121	2	0-25	
1,3-Dichloropropane	99	100	80-120	73-127	2	0-20	
2,2-Dichloropropane	95	95	80-120	73-127	0	0-20	
1,1-Dichloropropene	98	99	80-120	73-127	2	0-20	
c-1,3-Dichloropropene	102	103	80-120	73-127	0	0-20	
t-1,3-Dichloropropene	102	102	80-120	73-127	0	0-20	
Ethylbenzene	106	107	80-120	73-127	1	0-20	
Isopropylbenzene	109	111	80-120	73-127	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit





Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-77	Solid	GC/MS Z	12/11/08	12/11/08	081211L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
p-Isopropyltoluene	107	108	80-120	73-127	1	0-20	
Methylene Chloride	97	97	80-120	73-127	0	0-20	
Naphthalene	100	104	80-120	73-127	3	0-20	
n-Propylbenzene	107	109	80-120	73-127	2	0-20	
Styrene	105	107	80-120	73-127	2	0-20	
Ethanol	99	101	50-134	36-148	1	0-23	
1,1,1,2-Tetrachloroethane	98	101	80-120	73-127	3	0-20	
1,1,2,2-Tetrachloroethane	97	96	80-120	73-127	0	0-20	
Tetrachloroethene	101	110	80-120	73-127	9	0-20	
Toluene	98	99	79-115	73-121	1	0-8	
1,2,3-Trichlorobenzene	96	99	80-120	73-127	3	0-20	
1,2,4-Trichlorobenzene	100	100	80-120	73-127	1	0-20	
1,1,1-Trichloroethane	99	100	80-120	73-127	1	0-20	
1,1,2-Trichloroethane	95	97	80-120	73-127	2	0-20	
Trichloroethene	100	100	87-111	83-115	0	0-7	
Trichlorofluoromethane	98	98	80-120	73-127	0	0-20	
1,2,3-Trichloropropane	97	97	80-120	73-127	0	0-20	
1,2,4-Trimethylbenzene	104	106	80-120	73-127	2	0-20	
1,3,5-Trimethylbenzene	108	110	80-120	73-127	2	0-20	
Vinyl Acetate	97	90	80-120	73-127	8	0-20	
Vinyl Chloride	100	101	72-126	63-135	1	0-10	
p/m-Xylene	105	107	80-120	73-127	2	0-20	
o-Xylene	107	109	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	90	93	75-129	66-138	3	0-13	
Tert-Butyl Alcohol (TBA)	102	99	66-126	56-136	3	0-24	
Diisopropyl Ether (DIPE)	90	93	77-125	69-133	3	0-13	
Ethyl-t-Butyl Ether (ETBE)	94	94	72-132	62-142	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	99	77-125	69-133	1	0-10	

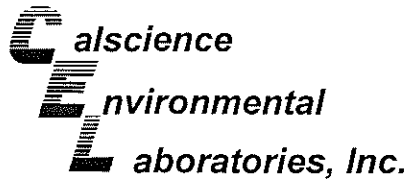
Total number of LCS compounds : 66

Total number of ME compounds : 0

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate

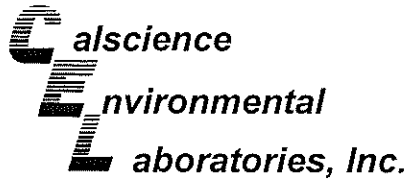
Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-80	Solid	GC/MS Z	12/12/08	12/12/08	081212L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	96	94	84-114	79-119	2	0-7	
Bromobenzene	100	101	80-120	73-127	1	0-20	
Bromochloromethane	98	97	80-120	73-127	0	0-20	
Bromodichloromethane	101	99	80-120	73-127	2	0-20	
Bromoform	99	101	80-120	73-127	2	0-20	
Bromomethane	115	21	80-120	73-127	138	0-20	
n-Butylbenzene	103	99	77-123	69-131	4	0-25	
sec-Butylbenzene	106	101	80-120	73-127	5	0-20	
tert-Butylbenzene	101	95	80-120	73-127	6	0-20	
Carbon Disulfide	93	92	80-120	73-127	2	0-20	
Carbon Tetrachloride	99	97	69-135	58-146	2	0-13	
Chlorobenzene	97	96	85-109	81-113	0	0-8	
Chloroethane	98	96	80-120	73-127	1	0-20	
Chloroform	98	97	80-120	73-127	1	0-20	
Chloromethane	80	78	80-120	73-127	2	0-20	
2-Chlorotoluene	102	101	80-120	73-127	1	0-20	
4-Chlorotoluene	101	96	80-120	73-127	5	0-20	
Dibromochloromethane	98	100	80-120	73-127	2	0-20	
1,2-Dibromo-3-Chloropropane	96	92	80-120	73-127	5	0-20	
1,2-Dibromoethane	100	99	80-120	73-127	1	0-20	
Dibromomethane	98	98	80-120	73-127	0	0-20	
1,2-Dichlorobenzene	98	96	80-110	75-115	2	0-10	
1,3-Dichlorobenzene	96	96	80-120	73-127	0	0-20	
1,4-Dichlorobenzene	95	94	80-120	73-127	1	0-20	
Dichlorodifluoromethane	90	89	80-120	73-127	1	0-20	
1,1-Dichloroethane	97	95	80-120	73-127	2	0-20	
1,2-Dichloroethane	97	95	80-120	73-127	3	0-20	
1,1-Dichloroethene	95	95	83-125	76-132	0	0-10	
c-1,2-Dichloroethene	94	94	80-120	73-127	0	0-20	
t-1,2-Dichloroethene	94	91	80-120	73-127	3	0-20	
1,2-Dichloropropane	101	99	79-115	73-121	2	0-25	
1,3-Dichloropropane	98	100	80-120	73-127	1	0-20	
2,2-Dichloropropane	98	94	80-120	73-127	4	0-20	
1,1-Dichloropropene	97	97	80-120	73-127	1	0-20	
c-1,3-Dichloropropene	105	104	80-120	73-127	1	0-20	
t-1,3-Dichloropropene	102	104	80-120	73-127	2	0-20	
Ethylbenzene	101	100	80-120	73-127	1	0-20	
Isopropylbenzene	105	104	80-120	73-127	1	0-20	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682-8861

Date Received: N/A
Work Order No: 08-12-1000
Preparation: EPA 5030B
Method: EPA 8260B

Project: ARCO 374

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-709-80	Solid	GC/MS Z	12/12/08	12/12/08	081212L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
p-isopropyltoluene	102	101	80-120	73-127	2	0-20	
Methylene Chloride	96	97	80-120	73-127	1	0-20	
Naphthalene	105	103	80-120	73-127	2	0-20	
n-Propylbenzene	103	101	80-120	73-127	2	0-20	
Styrene	102	101	80-120	73-127	1	0-20	
Ethanol	74	83	50-134	36-148	11	0-23	
1,1,1,2-Tetrachloroethane	99	99	80-120	73-127	0	0-20	
1,1,2,2-Tetrachloroethane	98	97	80-120	73-127	1	0-20	
Tetrachloroethene	105	112	80-120	73-127	6	0-20	
Toluene	97	95	79-115	73-121	2	0-8	
1,2,3-Trichlorobenzene	98	97	80-120	73-127	1	0-20	
1,2,4-Trichlorobenzene	98	97	80-120	73-127	2	0-20	
1,1,1-Trichloroethane	100	98	80-120	73-127	2	0-20	
1,1,2-Trichloroethane	98	98	80-120	73-127	0	0-20	
Trichloroethene	99	99	87-111	83-115	0	0-7	
Trichlorofluoromethane	97	93	80-120	73-127	4	0-20	
1,2,3-Trichloropropane	99	100	80-120	73-127	2	0-20	
1,2,4-Trimethylbenzene	104	99	80-120	73-127	4	0-20	
1,3,5-Trimethylbenzene	104	103	80-120	73-127	1	0-20	
Vinyl Acetate	89	87	80-120	73-127	2	0-20	
Vinyl Chloride	90	90	72-126	63-135	0	0-10	
p/m-Xylene	102	100	80-120	73-127	2	0-20	
o-Xylene	104	103	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	96	98	75-129	66-138	2	0-13	
Tert-Butyl Alcohol (TBA)	95	99	66-126	56-136	4	0-24	
Diisopropyl Ether (DIPE)	95	95	77-125	69-133	1	0-13	
Ethyl-t-Butyl Ether (ETBE)	99	100	72-132	62-142	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	104	77-125	69-133	1	0-10	

Total number of LCS compounds : 66

Total number of ME compounds : 1

Total number of ME compounds allowed : 3

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Glossary of Terms and Qualifiers

Work Order Number: 08-12-1000

<u>Qualifier</u>	<u>Definition</u>
AX	Sample too dilute to quantify surrogate.
DU	There was no MS/MSD analyzed with this batch due to insufficient sample volume (NR = not reported). See Blank Spike/Blank Spike Duplicate.
BA,AY	Relative percent difference out of control, matrix interference suspected.
BB	Sample > 4x spike concentration.
BF	Reporting limits raised due to high hydrocarbon background.
BH	Reporting limits raised due to high level of non-target analytes.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
BY	Sample received at improper temperature.
CL	Initial analysis within holding time but required dilution.
CQ	Analyte concentration greater than 10 times the blank concentration.
CU	Surrogate concentration diluted to not detectable during analysis.
DF	Reporting limits elevated due to matrix interferences.
ET	Sample was extracted past end of recommended max. holding time.
EY	Result exceeds normal dynamic range; reported as a min est.
GS	Internal standard recovery is outside method recovery limit.
IB	CCV recovery abovelimit; analyte not detected.
IH	Calibrtn. verif. recov. below method CL for this analyte.
IJ	Calibrtn. verif. recov. above method CL for this analyte.
J,DX	J=EPA Flag -Estimated value; DX= Value < lowest standard (MQL), but > than MDL.
LA	Confirmatory analysis was past holding time.
LG	Surrogate recovery below the acceptance limit.
LH	Surrogate recovery above the acceptance limit.
LM,AY	MS and/or MSD above acceptance limits. See Blank Spike (LCS). Matrix interference suspected.
LN,AY	MS and/or MSD below acceptance limits. See Blank Spike (LCS). Matrix interference suspected.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.



Work Order Number: 08-12-1000

<u>Qualifier</u>	<u>Definition</u>
MB	Analyte present in the method blank.
MG	Analyte is a suspected lab contaminate.
PC	Sample taken from VOA vial with air bubble > 6mm diameter.
PI	Primary and confirm results varied by > than 40% RPD.
RB	RPD exceeded method control limit; % recoveries within limits.





Chain of Custody Record

173049

1000

Project Name: Arco 374
 BP BU/AR Region/Enfos Segment: Alameda Partic
 State or Lead Regulatory Agency: Alameda County Health
 Requested Due Date (mm/dd/yy): 12/25/08

On-site Time: <u>0820</u>	Temp: <u>45°</u>
Off-site Time: <u>1220</u>	Temp: <u>55°</u>
Sky Conditions: <u>Clear, Sunny</u>	
Meteorological Events: _____	
Wind Speed: _____	Direction: _____

Lab Name: <u>Cal Science</u>	BP/AR Facility No.: <u>374</u>	Consultant/Contractor: <u>Status Env</u>
Address: <u>7440 Lincoln Way Garden Grove CA 92841</u>	BP/AR Facility Address: <u>6407 Telegraph Ave. Oakland</u>	Address: <u>3330 Cameron Park Dr #550 Cameron Park CA 95682</u>
Lab PM:	Site Lat/Long: _____	California Global ID No.: <u>T0600100106</u>
Tele/Fax:	Enfos Project No.: <u>GOC21-0027</u>	Consultant/Contractor Project No.: <u>E-374</u>
BP/AR EBM: <u>Paul Supple</u>	Provision or <u>OOD</u> (circle one)	Consultant/Contractor PM: <u>Jay Johnson</u>
Address:	Phase/WBS: <u>Compliance</u>	Tele/Fax: <u>530 676 6004</u>
Tele/Fax: <u>925 275 3801</u>	Sub Phase/Task: <u>Analytical Cost</u>	Report Type & QC Level: <u>Level 1 / EDF</u>
Lab Bottle Order No:	Cost Element: <u>Contractor labor</u>	E-mail EDD To: _____
		Invoice to: Consultant or BP or <u>Atlantic Richfield Co</u> (circle one)

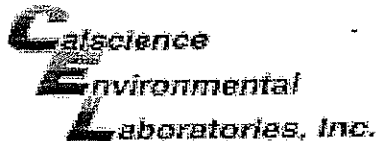
Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	Grx/Brix	5-OXY's	Ethanol	1,2-DCA	EDS		Total Lead		
1	PL-3 5'	1142	12/9	X				1	X						X	X	X	X	X	X		
2	D-4 5'	1056	1	X				1	X						X	X	X	X	X	X		
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>Levi Ford</u>	Relinquished By / Affiliation: <u>Levi Ford Status Env</u>	<u>2009</u>	Time: <u>1449</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12/10/08</u>	Time: <u>1030</u>
Sampler's Company: <u>Status Env</u>						
Shipment Date: <u>12/9/08</u>						
Shipment Method: <u>GSO</u>						
Shipment Tracking No: <u>9255581961</u>						

Special Instructions: _____

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: _____ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Laboratory



WORK ORDER #: 08-12-1000

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Stratus

DATE: 12/10/08

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen)

Temperature 2.6 °C - 0.2 °C (CF) = 2.4 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Metals Only PCBs Only Initial: JP

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: JP

Sample _____ No (Not Intact) Not Present Initial: RN

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve EnCores® TerraCores® _____

Water: VOA VOA_h VOA_{na2} 125AGB 125AGB_h 125AGB_{po4} 1AGB 1AGB_{na2}

1AGB_s 500AGB 500AGB_s 250CGB 250CGB_s 1PB 500PB 500PB_{na} 25OPB

250PB_n 125PB 125PB_{znna} 100PBsterile 100PB_{na2} _____ _____ _____

Air: Tedlar® Summa® _____

Checked/Labeled by: RN

Reviewed by: PS

Scanned by: RN

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Preservative: h:HCL n:HNO₃ na₂:Na₂S₂O₃ na:NaOH po₄:H₃PO₄ s:H₂SO₄ znna:ZnAc₂+NaOH

APPENDIX B

CONTAMINATED SOIL TRUCKING TAGS AND WASTE DISPOSAL TICKETS

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: 209-982-4298 Fax: 209-982-1009
Resource Recovery: 209-982-4298

1145 West Charter Way
Stockton, CA 95206
Main Office: 209-466-4482
Fax: 209-466-1067

DATE: 1/15/09

CUSTOMER NO: 7105

TRUCK NO: 727

TRUCK LIC #:

TRAILER LIC #:

BILL TO:

Belshere

303214

SIZE YDS	DESCRIPTION	NOTES	
	<input type="checkbox"/> REFUSE		37900 GROSS
	<input type="checkbox"/> TREATED WOOD		
	<input type="checkbox"/> SLUDGE		21080 TARE
	<input type="checkbox"/> ASH		
	<input type="checkbox"/> ASBESTOS		13000 NET
	<input type="checkbox"/> NON-FRIABLE ASBESTOS		
<u>15</u>	<input type="checkbox"/> PIT SOIL		6.51 TONS
	<input type="checkbox"/> SOIL		
	<input type="checkbox"/> STOCKPILE		

Signed

[Signature]

IN _____ AM / PM

OUT _____ AM / PM

NO. 677739

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE:

EPA I.D. NO.

CAL 000226018

NAME BP WEST COAST PRODUCTS, LLC 00374

ADDRESS P.O. BOX 80240 8407 TELEGRAPH AVE PROFILE NO.

APPROVAL #7985

CITY, STATE, ZIP RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609

PHONE NO. () 849 460 5200

CONTAINERS: No. 001 VOLUME 015 yds WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

NON-HAZARDOUS SOIL

PIPING UPGRADE

WASTE DESCRIPTION COMPONENTS OF WASTE PPM % GENERATING PROCESS COMPONENTS OF WASTE PPM %

1. _____ 5. _____

2. _____ 6. _____

3. _____ 7. _____

4. _____ 8. BESI:102107

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

24-HOUR EMERGENCY PHONE: 800-424-9300

HANDLING INSTRUCTIONS: _____

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Mothart of BESI on behalf of generator

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TRANSPORTER

NAME BELSHIRE EPA I.D. NO. _____

ADDRESS 25971 TOWNE CENTRE DRIVE

SERVICE ORDER NO. _____

CITY, STATE, ZIP FOOTHILL RANCH, CA 92610

PICK UP DATE _____

PHONE NO. (949) 460-5200

TRUCK, UNIT, I.D. NO. 327

[Signature]
TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

01/19/09

TSD FACILITY

NAME ALLIED WASTE EPA I.D. NO. _____

ADDRESS 9999 S. AUSTIN ROAD

DISPOSAL METHOD

LANDFILL OTHER _____

CITY, STATE, ZIP MANTECA, CA 95336

PHONE NO. 209-882-4298

[Signature]
TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

1.19.09

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF	NONE

DISCREPANCY

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: 209-982-4298 Fax: 209-982-1009
Resource Recovery: 209-982-4298

1215 West Charter Way
Stockton, CA 95206
Main Office: 209-466-4482
Fax: 209-466-1067

DATE: 01/20/09

TRUCK LIC #: _____

CUSTOMER NO: 1485

TRUCK NO: 327

TRAILER LIC #: _____

BILL TO:

Belshirk

303219

SIZE YDS	DESCRIPTION	NOTES	
	<input type="checkbox"/> REFUSE		
	<input type="checkbox"/> TREATED WOOD		
	<input type="checkbox"/> SLUDGE		
	<input type="checkbox"/> ASH		
	<input type="checkbox"/> ASBESTOS		
	<input type="checkbox"/> NON-FRIABLE ASBESTOS		
<u>12</u>	<input type="checkbox"/> SOIL		
	<input type="checkbox"/> SOIL		
	<input type="checkbox"/> STOCKPILE		
			<u>47900</u> GROSS
			<u>26000</u> TARE
			<u>21100</u> NET
			<u>10.58</u> TONS

Signed _____

[Signature]

IN _____ AM / PM
OUT _____ AM / PM

NO. 677740

NON-HAZARDOUS WASTE DATA FORM

GENERATING SITE:

EPA I.D. NO.

CAL000226018

NAME BP WEST COAST PRODUCTS, LLC

00374

ADDRESS P.O. BOX 80249

6407 TELEGRAPH AVE PROFILE NO.

APPROVAL #7985

CITY, STATE, ZIP RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609

PHONE NO. (949) 460 5200

CONTAINERS: No. 001 VOLUME 127 WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION NON-HAZARDOUS SOIL GENERATING PROCESS PIPING UPGRADE

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
1.	PPM	%	5.	PPM	%
2.			6.		
3.			7.		
4.			8.		

BESI:162107

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: 24-HOUR EMERGENCY PHONE: 800-424-9300

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Mothart of BESI on behalf of generator 01-20-09
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TO BE COMPLETED BY GENERATOR

TRANSPORTER

NAME BELSHIRE

EPA I.D. NO.

ADDRESS 25971 TOWNE CENTRE DRIVE

SERVICE ORDER NO. _____

CITY, STATE, ZIP FOOTHILL RANCH, CA 92810

PICK UP DATE 01-20-09

PHONE NO. (949) 460-5200

David Marcus
TYPED OR PRINTED FULL NAME & SIGNATURE 01-20-09 DATE

TRUCK, UNIT, I.D. NO. 327

TSD FACILITY

NAME ALLIED WASTE

EPA I.D. NO.

DISPOSAL METHOD

ADDRESS 9999 S. AUSTIN ROAD

LANDFILL OTHER _____

CITY, STATE, ZIP MANTECA, CA 95336

PHONE NO. 209-982-4298

Mailina
TYPED OR PRINTED FULL NAME & SIGNATURE 01-20-09 DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF	NONE

DISCREPANCY

405149



FORWARD
INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

007985
BELSHIRE ENVIRONMENTAL SERVICES, INC.
JUNIOR RODRIGUEZ
25971 TOWNE CENTRE DR.
FOOTHILL RANCH, CA 92610
Contract: 204Y90453

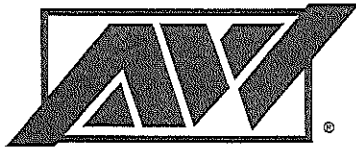
SITE	TICKET	GRID
WEIGHMASTER		
78 021178		
DATE IN VF00025 VICTORIA P		TIME IN
DATE OUT 22 January 2009		TIME OUT 6:40 am
VEHICLE 22 January 2009		ROLL OFF 7:18 am
REFERENCE LD 327	ORIGIN OAKLAND	

01 Gross Weight 45,060.00 lb Inbound - SCALE TICKET
Tare Weight 26,700.00 lb
Net Weight 18,360.00 lb 9.18 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.18	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 677738

DRIVER SIGNATURE



ALLIED WASTE SERVICES

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NO. 677738

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE:

EPA I.D. NO.

CAL000226018

NAME BP WEST COAST PRODUCTS, LLC 00374

ADDRESS P.O. BOX 80249 6407 TELEGRAPH AVE PROFILE NO.

APPROVAL #7985

CITY, STATE, ZIP RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609

PHONE NO. (949) 480 5200

CONTAINERS: No. 001 VOLUME 012 yds WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION NON-HAZARDOUS SOIL GENERATING PROCESS PIPING UPGRADE

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1.					5.				
2.					6.				
3.					7.				
4.					8.				

BESI:162197

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: 24-HOUR EMERGENCY PHONE 800-424-9300

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

[Signature]
Larry Moothart of BESI on behalf of generator

TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

TRANSPORTER

NAME BELSHIRE EPA I.D. NO. _____

ADDRESS 25871 TOWNE CENTRE DRIVE

SERVICE ORDER NO. _____

CITY, STATE, ZIP FOOTHILL RANCH, CA 92810

PICK UP DATE _____

PHONE NO. (949) 480-5200

TRUCK, UNIT, I.D. NO. 327 TYPED OR PRINTED FULL NAME & SIGNATURE *[Signature]*

01/22/09 DATE

TSD FACILITY

NAME ALLIED WASTE EPA I.D. NO. _____

DISPOSAL METHOD

ADDRESS 8999 S. AUSTIN ROAD

LANDFILL OTHER _____

CITY, STATE, ZIP MANTECA, CA 95336

PHONE NO. 209-882-4298

[Signature]
TYPED OR PRINTED FULL NAME & SIGNATURE _____

Jan 22 2009 DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF	NONE



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

007985
BELSHIRE ENVIRONMENTAL SERVICES, INC.
JUNIOR RODRIGUEZ
25971 TOWNE CENTRE DR.
FOOTHILL RANCH, CA 92610
Contract: 20490492

405572

SITE	TICKET	GRID
Y8	002109	
WEIGHMASTER		
DATE IN		TIME IN
MR67024 MARYCARMEN F		
DATE OUT		TIME OUT
26 January 2009		1:47 pm
VEHICLE		ROLL OFF
26 January 2009		2:00 pm
REFERENCE	ORIGIN	
LD 327	OAKLAND	

03 Gross Weight 44,380.00 lb
Tare weight 23,380.00 lb
Net Weight 21,000.00 lb

Inbound - SCALE TICKET

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.25	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 677745



ALLIED WASTE SERVICES

DRIVER SIGNATURE

[Handwritten Signature]

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NO. 677745

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE: CAL000226018 EPA I.D. NO. _____

NAME BP WEST COAST PRODUCTS, LLC 00374

ADDRESS P.O. BOX 80249 6407 TELEGRAPH AVE. PROFILE NO. _____

RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609

CITY, STATE, ZIP _____ PHONE NO. (949) 460 5200

CONTAINERS: No. 70 VOLUME 15 yds WEIGHT _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION NON-HAZARDOUS SOIL GENERATING PROCESS PIPING UPGRADE

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1.	_____	_____	_____	_____	5.	_____	_____	_____	_____
2.	_____	_____	_____	_____	6.	_____	_____	_____	_____
3.	_____	_____	_____	_____	7.	_____	_____	_____	_____
4.	_____	_____	_____	_____	8.	_____	_____	_____	_____

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: 24-HOUR EMERGENCY PHONE: 800-424-9300

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart of BESI on behalf of generator 01/27/09

TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE _____

TRANSPORTER

NAME BELSHIRE EPA I.D. NO. _____

ADDRESS 25971 TOWNE CENTRE DRIVE SERVICE ORDER NO. _____

FOOTHILL RANCH, CA 92610

CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. (949) 460-5200

TRUCK, UNIT, I.D. NO. 377 [Signature] TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE 01/27/09

TSD FACILITY

NAME ALLIED WASTE EPA I.D. NO. _____

ADDRESS 8888 S. AUSTIN ROAD DISPOSAL METHOD LANDFILL OTHER _____

MANTECA, CA 95338

CITY, STATE, ZIP _____

PHONE NO. 209-982-4288

[Signature] TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE 1/26/09

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CO	HWDF	NONE

DISCREPANCY

405444



FORWARD
INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

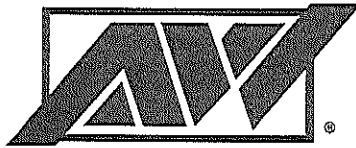
007985
BELSHIRE ENVIRONMENTAL SERVICES, INC.
JUNIOR RODRIGUEZ
25971 TOWNE CENTRE DR.
FOOTHILL RANCH, CA 92610
Contract: 204Y90453

SITE	TICKET	GRID
WEIGHMASTER		
Y8	021955	
DATE IN	MR67024 MARYCARMEN P	TIME IN
DATE OUT	26 January 2009	8:33 am
VEHICLE	26 January 2009	ROLL OFF
REFERENCE	LD 1464	ORIGIN
		OAKLAND

09 Gross Weight 60,620.00 lb Inbound - SCALE TICKET
Tare Weight 37,080.00 lb
Net Weight 23,540.00 lb

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
11.77	TN	SW-DONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 677741



ALLIED WASTE SERVICES

DRIVER SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NO.677741

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE:

EPA I.D. NO.

CAL000226018

NAME BP WEST COAST PRODUCTS, LLC

00374

ADDRESS P.O. BOX 80249

6407 TELEGRAPH AVE PROFILE NO.

APPROVAL #7985

CITY, STATE, ZIP RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609

PHONE NO. 849 480 5200

CONTAINERS: No. 1 VOLUME 12 WEIGHT

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER

WASTE DESCRIPTION NON-HAZARDOUS SOIL GENERATING PROCESS PIPING UPGRADE

COMPONENTS OF WASTE			COMPONENTS OF WASTE		
1.	PPM	%	5.	PPM	%
2.			8.		
3.			7.		
4.			6.		

BESI:162197

PROPERTIES: pH SOLID LIQUID SLUDGE SLURRY OTHER

24-HOUR EMERGENCY PHONE: 800-424-9300

HANDLING INSTRUCTIONS:

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart

Larry Moothart of BESI on behalf of generator

1-22-09

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TRANSPORTER

NAME BELSHIRE

EPA I.D. NO.

ADDRESS 26971 TOWNE CENTRE DRIVE

SERVICE ORDER NO.

CITY, STATE, ZIP Foothill Ranch, CA 92610

PICK UP DATE

PHONE NO. (949) 480-5200

TRUCK, UNIT, I.D. NO. 1464

Kelly Water

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

TSD FACILITY

NAME ALLIED WASTE

EPA I.D. NO.

ADDRESS 0000 S. AUSTIN ROAD

DISPOSAL METHOD

CITY, STATE, ZIP MANTECA, CA 95336

LANDFILL OTHER

PHONE NO. 209-982-4288

Mary Ramirez

TYPED OR PRINTED FULL NAME & SIGNATURE

DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF	NONE

DISCREPANCY

405591



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

007985
BELSHIRE ENVIRONMENTAL SERVICES, INC.
JUNIOR RODRIGUEZ
25721 TOWNE CENTRE DR.
FOOTHILL RANCH, CA 92610
Contract: 20049048

SITE	TICKET	GRID
WEIGHMASTER		
Y8 022174		
DATE IN	TIME IN	
MR67084 MARYCARMEN R	R	
DATE OUT	TIME OUT	
26 January 2009	3:26 pm	
VEHICLE	ROLL OFF	
26 January 2009	3:40 pm	
REFERENCE	ORIGIN	
LD 1464	OAKLAND	

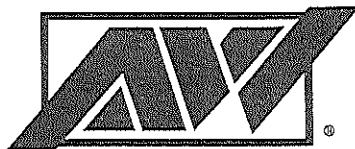
01 Gross Weight 55,480.00 lb
Tare Weight 37,200.00 lb
Net Weight 18,280.00 lb

Inbound - SCALE TICKET

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
9.14	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 677742

DRIVER SIGNATURE



ALLIED WASTE SERVICES

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NO. 677742

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR	NAME <u>BP WEST COAST PRODUCTS, LLC</u>		GENERATING SITE: <u>00374</u>	EPA I.D. NO. <u>CAL000226018</u>	
	ADDRESS <u>P.O. BOX 80249</u>		<u>6407 TELEGRAPH AVE</u>	PROFILE NO. <u>APPROVAL #7985</u>	
	CITY, STATE, ZIP <u>RANCHO SANTA MARGARITA, CA 92888 OAKLAND, CA 94609</u>		PHONE NO. <u>(949) 460 5200</u>		
	CONTAINERS: No. <u>1</u>		VOLUME <u>17.9</u>	WEIGHT _____	
	TYPE: <input type="checkbox"/> TANK TRUCK <input type="checkbox"/> DUMP TRUCK <input type="checkbox"/> DRUMS <input type="checkbox"/> CARTONS <input type="checkbox"/> OTHER _____				
WASTE DESCRIPTION <u>NON-HAZARDOUS SOIL</u>		GENERATING PROCESS <u>PIPING UPGRADE</u>			
COMPONENTS OF WASTE		PPM	%	COMPONENTS OF WASTE	
1. _____		_____	_____	5. _____	
2. _____		_____	_____	6. _____	
3. _____		_____	_____	7. _____	
4. _____		_____	_____	8. <u>BESI:102107</u>	
PROPERTIES: pH _____ <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> SLUDGE <input type="checkbox"/> SLURRY <input type="checkbox"/> OTHER _____					
HANDLING INSTRUCTIONS: <u>24-HOUR EMERGENCY PHONE: 800-424-9300</u>					
THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.		<u>Larry Moothart</u> Larry Moothart of BESI on behalf of generator			
			TYPED OR PRINTED FULL NAME & SIGNATURE	DATE	
TRANSPORTER	NAME <u>BELSHIRE</u>		EPA I.D. NO. _____	_____	
	ADDRESS <u>25971 TOWNE CENTRE DRIVE</u>		SERVICE ORDER NO. _____		
	CITY, STATE, ZIP <u>FOOTHILL RANCH, CA 92010</u>		PICK UP DATE _____		
	PHONE NO. <u>(949) 460-5200</u>		_____		
	TRUCK, UNIT, I.D. NO. <u>1469</u>		<u>Kelly Wooten/Up/Wind</u> TYPED OR PRINTED FULL NAME & SIGNATURE 1-26-09		
			TYPED OR PRINTED FULL NAME & SIGNATURE	DATE	
TSD FACILITY	NAME <u>ALLIED WASTE</u>		EPA I.D. NO. _____	DISPOSAL METHOD	
	ADDRESS <u>9999 S. AUSTIN ROAD</u>		<input type="checkbox"/> LANDFILL <input type="checkbox"/> OTHER _____		
	CITY, STATE, ZIP <u>MANTECA, CA 95336</u>		_____		
	PHONE NO. <u>209-882-4288</u>		_____		
				<u>Mary Ramirez</u> TYPED OR PRINTED FULL NAME & SIGNATURE 1/26/09	
			TYPED OR PRINTED FULL NAME & SIGNATURE	DATE	
GEN	OLD/NEW	L	A	TONS	DISCREPANCY
TRANS		S	B		
C/Q	RT/CO	HWDF		NONE	

421648



FORWARD INCORPORATED

9999 South Austin Road/WEIGHING LOCATION
Manteca, CA 95336
Landfill: (209) 982-4298/WEIGHING LOCATION
Resource Recovery: (209) 982-4298

1145 W. Charterway
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

007985

DELSHIRE ENVIRONMENTAL SERVICES, INC.
JUNIOR RODRIGUEZ
25771 TOWNE CENTRE DR.
FOOTHILL RANCH, CA 92610
Contract: 204Y90452

SITE	TICKET	GRID
WEIGHMASTER		
YR: 023232		
DATE IN	TIME IN	
UPO0025 VICTORIA I		
DATE OUT	TIME OUT	
27 January 2009	6:43 am	
VEHICLE	ROLL OFF	
27 January 2009	6:55 am	
REFERENCE	ORIGIN	
LD 327	OAKLAND	

01 Gross Weight: 36,290.00 lb

Tare Weight: 26,090.00 lb

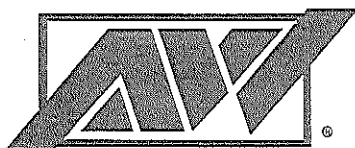
Net Weight: 10,200.00 lb @ 5.10 TN

Inbound - SCALE TICKET

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
5.10	TN	SW-CONT SOIL				
1.00	LD	ENVIRONMENTAL FEE				
1.00	LD	FUEL RECOVERY FEE				

MANIFEST# 9677743.

DRIVER SIGNATURE



ALLIED WASTE SERVICES

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

NO.677743

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE: EPA I.D. NO. **CAL000226018**

NAME **BP WEST COAST PRODUCTS, LLC** 00374

ADDRESS **P.O. BOX 80249** **8407 TELEGRAPH AVE** PROFILE NO. **APPROVAL #7985**

RANCHO SANTA MARGARITA, CA 92688 OAKLAND, CA 94609 CITY, STATE, ZIP

PHONE NO. **949 460 5200**

CONTAINERS: No. **001** VOLUME: **010 yds** WEIGHT: _____

TYPE: TANK TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION **NON-HAZARDOUS SOIL** GENERATING PROCESS **PIPING UPGRADE**

COMPONENTS OF WASTE			PPM	%	COMPONENTS OF WASTE			PPM	%
1.	_____	_____	_____	_____	5.	_____	_____	_____	_____
2.	_____	_____	_____	_____	6.	_____	_____	_____	_____
3.	_____	_____	_____	_____	7.	_____	_____	_____	_____
4.	_____	_____	_____	_____	8.	_____	_____	_____	_____

PROPERTIES: pH _____ SOLID LIQUID SLUDGE SLURRY OTHER _____

HANDLING INSTRUCTIONS: **24-HOUR EMERGENCY PHONE: 800-424-9300**

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart
TYPED OR PRINTED FULL NAME & SIGNATURE **Larry Moothart of BESI on behalf of generator** DATE **01/27/09**

TRANSPORTER

NAME **BELSHIRE** EPA I.D. NO. _____

ADDRESS **25971 TOWNE CENTRE DRIVE**

CITY, STATE, ZIP **FOOTHILL RANCH, CA 92610** SERVICE ORDER NO. _____

PHONE NO. **(949) 460-5200** PICK UP DATE _____

TRUCK, UNIT, I.D. NO. **327** *[Signature]*
TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE **01/27/09**

TSD FACILITY

NAME **ALLIED WASTE** EPA I.D. NO. _____

ADDRESS **9999 S. AUSTIN ROAD** DISPOSAL METHOD LANDFILL OTHER _____

CITY, STATE, ZIP **MANTECA, CA 95336**

PHONE NO. **209-962-4288**

[Signature]
TYPED OR PRINTED FULL NAME & SIGNATURE _____ DATE **01/27/09**

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CD	HWDF	NONE

DISCREPANCY