Sparger Technology, Inc.
Environmental Division

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May 17, 2013

Sheryl S. Skillern
Senior Hazardous Materials Inspector
Oakland Fire Department
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

Subject: **Underground Storage Tank Removal Report**
College Avenue Shell
6039 College Ave
Oakland, California

Dear Ms. Skillern:

This letter report presents the results of underground storage tank (UST) removal activities performed at College Shell located at 6039 College Avenue, Oakland, California (site). The work was conducted during January 2013 by Sparger Technology, Inc. (Sparger) and is submitted on behalf Mike Ahmadi of GAWFCO, Inc. (property owner). The site was a Shell branded service station that has been demolished and is currently vacant land. Part of the service station demolition project was the removal of the existing underground storage tanks. Three 10,000-gallon single wall fiberglass USTs were removed. Sparger collected regulatory compliance soil samples from beneath the USTs, dispensers, and product lines. No excavated soil was removed from site. MVP Petroleum Engineering, Inc. of Folsom, California provided engineering services for the UST removal activities. Summarized below are a description of the UST removal, soil sampling activities beneath the USTs and dispensers and piping, and the results of laboratory analysis of soil samples.

Permits

Prior to UST removal activities, MVP Petroleum Engineering, Inc. obtained a Underground Storage Tank System Closure permit from Oakland Fire Department (OFD). The permit approval date was January 7, 2013. Copies of the permit and State Forms B are included in Attachment A.

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UST and Product Piping Removal Activities

During the week of January 28, 2013, UST system closure activities included the removal of three 10,000-gallon gasoline USTs. The USTs were triple rinsed by Adams Services Inc. personnel on January 28, 2013using a fresh water/detergent mixture and a hot water pressure washer. The tank contents (gasoline fuel) had been removed prior to rinsing activities. Following rinsing, visual inspection of the tanks did not indicate any residual sludge or liquid on the visible portions of the interior of the tanks. Approximately 700 gallons of rinsate were removed from the tanks using a vacuum truck. In addition, fiberglass and steel product piping were removed on January 29, 2013. The UST rinsate was then transported for treatment and recycling by Adams Services under manifest number 010396269 JJK, to the Demenno/Kerddon facility in Compton, California. The piping was transported by Adams Services under manifest number 010369273 JJK, to the Siemens Industry facility located at 5375 South Boyle Avenue, Los Angeles, California. Copies of the manifests for the rinsate and piping are included in Attachment B. MVP Petroleum Engineering personnel began excavation activities with the removal of the fill material (pea gravel) around the USTs. The excavated fill was placed on and covered with polyethylene sheeting adjacent to the excavation.

On January 29, 2013, in preparation for the removal of the USTs, MVP Petroleum Engineering placed approximately 250 pounds of dry ice inside each of the USTs. Over the next few hours, the lower explosion limit (LEL) and percent oxygen were measured within the tanks. The final readings for LEL and percent oxygen were recorded at <5 % LEL and 15% or less oxygen, respectively. The readings were measured by MVP Petroleum Engineering under observation of the OFD. Upon authorization of the OFD, the USTs were removed from the excavation. Following removal, the tanks were inspected for signs of deterioration, holes, or leakage. The tanks were observed to be in good condition, without any obvious holes or cracks. However, there was a hole on the top of tank T-3 that appeared to be the result of removal activities and some minor staining on the ribs. Groundwater was not observed in the excavation. Soil samples were subsequently collected from beneath the USTs, dispensers and associated piping. Photographs taken at the time of the tank removals are included in Attachment C.

The tanks were then transported by Adams Services, Inc. to the Siemens Industry, Inc. facility in Los Angeles, California for disposal under manifest numbers 010396270 JJK, 010396271 JJK, and 010396272 JJK. Copies of the manifests for transport and disposal of the USTs and the Certificates of Destruction are included in Attachment B.

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Regulatory Compliance Soil Sampling Activities

On January 29, 2013, Sparger field personnel collected samples from approximately 2-feet into the native soil below the ends of each of the USTs. Soil samples were also collected from beneath the dispensers and also at the joints and mid piping lines. The soil samples collected from below the tanks were designated TP-1A, TP-1B, TP-2A, TP-2B, TP-3A, and TP-3B and were from approximately 15 feet below ground surface (bgs). The samples from beneath the product dispensers and piping were designated UDC-1 through UDC-4 and Pipe Joint-1, Pipe Joint-2, and Pipe-2 and were from approximately 4.5 bgs. The soil samples were collected under the direction of the Oakland Fire Department. Sample locations are shown on Figure 1.

Soil Sample Analysis and Results

The samples were transported and submitted to Sparger, a State-certified environmental laboratory, for analysis; the analytical protocol is presented below:

- TPH-G by 8015M
- 5 Oxygenates and BTEX by 8260B
- 1,2 DCA, EDB, Naphalene by 8260B
- Oil and Grease by 5520
- Total Lead by 6010B

The results of laboratory analysis are summarized below and presented in the attached data Table.

All six soil samples collected from the tank pit during UST removal on January 29, 2013 had reportable concentrations of TPH-G and Oil / Grease. The concentrations of TPH-G ranged from 130 milligrams per kilogram (mg/kg) to 1,700 mg/kg. The concentrations of Oil and Grease ranged from 140 mg/kg to 8,740 mg/kg. Toluene concentrations ranged from 420 micrograms per kilogram (ug/kg) to 3,700 ug/kg. Ethylbenzene concentrations ranged from 790 ug/kg to 15,000 ug/kg. Xylenes concentrations ranged from 5,000 ug/kg to 79,000 ug/kg. Naphthalene concentrations ranged from ND to 17,000 ug/kg. The benzene, MTBE and other oxygenates, and 1,2 DCA concentrations were all non-detect (ND). Lead concentrations were below regulatory action levels.

The results of analyses on soil samples collected from the fuel dispensers and associated piping on January 29, 2013 were generally ND or very low for TPH-G, BTEX, 5 Oxygenates, TBA, 1,2 DCA, and Naphthalene. Dispenser sample UDC-2 had a concentration of 2,080 mg/kg. Lead results were below regulatory action levels, indicative of background soil conditions. Copies of the laboratory reports are included in Attachment D.

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Summary

The following is a summary of UST removal activities:

- On January 28, 2013, the three 10,000-gallon USTs were emptied and rinsed, with the removed fuel and rinsate transported off-site for disposal.
- On January 29, 2013, the three 10,000-gallon USTs were removed and transported off site for disposal.
- On January 29, 2013, six soil samples were collected from the UST pit. Seven soil samples were collected from beneath the dispensers and associated piping lines.
- Results of laboratory analyses on the soil samples collected on January 29, 2013 from the tank pit had moderate concentrations of TPH-G and Oil & Grease. The tank pit had relatively high concentrations of ethylbenzene, xylenes, and Naphthalene (15,000 ug/kg, 79,000 ug/kg, and 17,000 ug/kg, respectively).
- Benzene, MTBE, other oxygenates, and 1,2 DCA concentrations were all non-detect (ND).
- The fuel dispenser areas and associated piping on January 29, 2013 were generally ND or very low for all constituents.
- No soil was transported offsite.
- Based on field observations and analytical results, the soil beneath the removed USTs is impacted.

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Closing

Should you have any questions, please contact me at (916) 778-8719 or Ray James at (916) 369-7688.

Respectfully,

PROFESSIONAL GEOLOGIST MICHAEL D. MILLER No. 6008 STATE OF CALIFORNIA

Michael D. Miller
Professional Geologist 6008

Ray James
President - Sparger Technology, Inc.

Cc: Mike Ahmadi of GAWFCO, Inc.

Figure 1	Site map with tank pit, UDC, and stockpile soil sample locations
Table 1	Tabulated laboratory results
Attachment A	Copy of the UST removal permits and State forms
Attachment B	Copy of the manifests for UST rinsate and Copies of the manifests for transport and disposal of the USTs
Attachment C	Photographs taken at the time of the UST removals
Attachment D	Laboratory reports and chain of custody

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FIGURES

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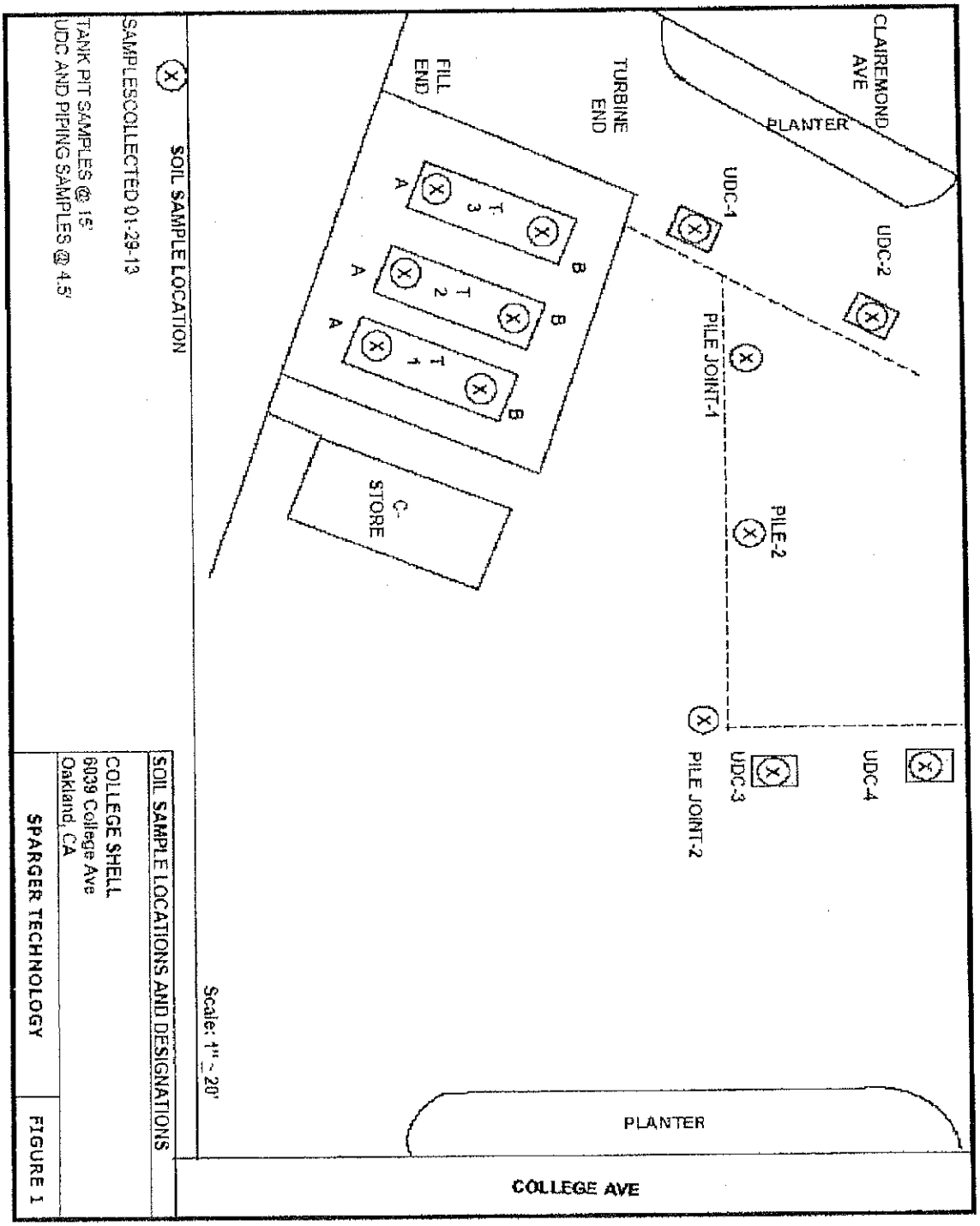

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TABLES

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916-984-1117

MVP Petroleum Eng., Inc.

LABORATORY RESULTS - TANK REMOVAL SOIL SAMPLES - JANUARY 29, 2013
COLLEGE AVENUE SHELL - OAKLAND, CALIFORNIA

January 29, 2013
Tank Pit, Dispensers, and Product Piping samples

Gas and Oil and Grease units are mg/kg). Volatiles units are ug/kg.													
	TPH-G	OIL / G	B	T	E	X	MTBE	TAME	DIPE	ETBE	TBA	1-2, DCA	NAPTH
T-1A	1700	8740	ND	590	790	5000	ND	ND	ND	ND	ND	ND	ND
T-1B	1300	2040	ND	1100	15000	79000	ND	ND	ND	ND	ND	ND	17000
T-2A	560	640	ND	430	1100	11000	ND	ND	ND	ND	ND	ND	1800
T-2B	130	160	ND	4700	9000	64000	ND	ND	ND	ND	ND	ND	7200
T-3A	480	140	ND	420	850	5800	ND	ND	ND	ND	ND	ND	8400
T-3B	1100	1160	ND	3700	5700	39000	ND	ND	ND	ND	ND	ND	7900
UDC - 1	ND	ND	ND	1.7	8.3	70	ND	ND	ND	ND	ND	ND	6
UDC - 2	ND	2080	ND	ND	ND	2.4	ND	ND	ND	ND	ND	ND	4.4
UDC - 3	ND	ND	ND	ND	ND	1.9	ND	ND	ND	ND	ND	ND	ND
UDC - 4	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
PIPE JOINT - 1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PIPE JOINT - 2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PIPE - 2	ND	ND	ND	1.9	7.9	80	ND	ND	ND	ND	ND	ND	7.8

916-984-1117

MVP Petroleum Eng., Inc.

LABORATORY RESULTS - TANK REMOVAL SOIL SAMPLES - JANUARY 29, 2013
COLLEGE AVENUE SHELL - OAKLAND, CALIFORNIA

January 29, 2013
Tank Pit, Dispensers, and Product Piping samples

Total Lead (mg/kg)	
	PB
T-1A	7.53
T-1B	6.77
T-2A	4.82
T-2B	7.06
T-3A	6.24
T-3B	9.07
UDC - 1	6.67
UDC - 2	6.09
UDC - 3	6.62
UDC - 4	6.09
PIPE JOINT - 1	12.3
PIPE JOINT - 2	6.65
PIPE - 2	7.07

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ATTACHMENT A

3738 Bradview Drive• Sacramento, California - 95827• (916) 369-7688• Fax (916) 369-7689

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE: SENIOR HAZ MAT SPEC
DATE: 4/2/12
ALL INSPECTIONS REQUIRE 48 HOUR NOTICE

FACILITY INFORMATION

Facility/Residence Name SHELL GAS STATION Business Type VACANT
Site Address 6039 College Ave City OAKLAND Zip 94618
Contact Person MIKE HITCHMAN Title PRESIDENT Phone 925-979-0560
E-Mail MIKE@GAWFCO.COM Cell Phone 415-516-7676
Owner, Agency, or Corporation Name GAWFCO INC Phone 925-979-0560
Mailing Address 587 IGNACIO VALLEY Rd City Walnut Creek State CA Zip 94596
EPA ID Number CAL 000 367017
Note: Include "Proof of Financial Responsibility" —

CONTRACTOR REMOVING TANK(S) AND PIPING:

Contractor MVP PETROLEUM ENGINEERING, INC.
Contract Person MARK VENDEIRO Phone 916-205-1537
Business Address PO BOX 281 City FOLSOM Zip 95763
State Contractors License 768938
Note: Attach a copy of Contractors License, Hazardous Materials Certification, and Workers Compensation

HAZARDOUS WASTE HAULERS:

Hazardous Waste Hauler, Tank(s) ADAMS SERVICES EPA ID # CAL000189431
Business Address 406 E. ALONDRA BLVD. City GARDENA
Contact RYDER ADAMS Phone 310-523-4430
Tank(s) and piping destination SIEMENS WATER TECH. Corp 5375 S. BOYLE AVE VERNONCA 90058
Hazardous Waste Hauler (Rinsate) ADAMS SERVICES EPA ID # CAL000189431
Business address 406 E ALONDRA BLVD City GARDENA
Contact RYDER ADAMS Phone 310-523-4430
Note: Include Hauler License No. 3216 License Exp. Date 12/31/12

SAMPLE COLLECTION AND ANALYSIS:

Sample Collector RAY JAMES Company SPARGER TECHNOLOGY
Address 3738 BRADVIEW City SACRAMENTO Phone 916-369-7688
Soil/Water Analysis Laboratory SPARGER TECHNOLOGY
State certification No. 1614 Contact RAY JAMES Phone 916-369-7688
Business Address 3738 BRADVIEW City SACRAMENTO Zip 95827

TANK(S) INFORMATION

	TANK SYSTEM: SIZE (GALLONS)	TANK CONSTRUCTION	SUBSTANCE(S) PREVIOUSLY CONTAINED
TANK 1	10,000	SW FIBERGLASS	87 GASOLINE
TANK 2	10,000	"	89 GASOLINE
TANK 3	10,000	"	91 GASOLINE
TANK 4			

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY: [signature]
TITLE: Standard Fire Marshal
DATE: 4/2/13
ALL INSPECTIONS REQUIRE [illegible]

"PROCEDURES TO CLOSE UNDERGROUND STORAGE TANK(S) SYSTEMS"

1) Submit to the City of Oakland Office of the Fire Marshal (OFM) three (3) completed **Underground Storage Tank System Closure Permit Application.** Prepare State Water Resources Control Board Facility and Tank Pages. These Forms are available from the OFM or you may download the forms by logging on to www.unidocs.org .
   - Include a complete **Tank Page** for each tank to be closed.
   - Include a complete **Facility Page (if)** tank to be closed is home heating oil, or non-regulated.
   - One complete copy of your approved plan must be at the construction site at all the times.
   - Any cutting into tanks requires OFM approval.

2) Include with the submitted application a check payable to the City of Oakland for the amount of the designated fee, workmen's compensation insurance verification, and plot plan drawing. The drawing consists of a scaled view of the facility which shows the tank(s) location and the following information:
   - Scale
   - North Arrow
   - Property Line
   - Location of structures near the tank(s)
   - Location of relevant existing equipment (including the tank(s) to be removed), associated piping, and fuel dispensers
   - Area Roadways
   - Underground conduits, sewers water lines utilities
   - Existing wells; drinking, monitoring, etc.
   - Depth of ground water

3) The OFM must be notified a minimum of 48 hours, two (2) days prior to commencement of work in order to schedule a removal inspection. The removal inspection appointment **must be confirmed with the district inspector**. A representative of the OFM must be present at the time of removal.

4) A site specific Health and Safety Plan must be submitted for review and available at the job site. Underground Service Alert must be contacted at 800-642-2444 prior to the start of any excavation.

5) A Tank Closure Report must be submitted within 30 days of removal/closure operations completed, containing a general description of the closure activities indicating:
   - Description of tank, fittings and piping conditions. Size and former contents; notes any corrosion, pitting, holes. If any leak(s) are suspected from any tank an unauthorized Leak/Contamination Report form must be included.
   - Description of the excavation itself. Include tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential pathways the depth to any observed ground water,

locations of stained or odor-bearing oil, and descriptions of any observed free product or sheen.

- Detailed description of sampling methods, i.e. – backhoe bucket, drive sampler, bailer, bottles, sleeves.
- Description of any remedial measures conducted at the time of removal.
- To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depth, and tank and piping locations include a copy of the plot prepared for the Tank System Closure Plan Permit Application under item # 2).
- Chain of custody records.
- Copies of signed laboratory reports.
- Copies of TSDF to Generator manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.).
- Documentation of the disposal of/and volume and final destination all non-manifested contaminated soil disposed offsite.

The Closure Report and conclusions are subject to critical review; and the report must be approved by the OFM to be recognized as valid.

6) An additional hourly fee will be charged for inspection time exceeding four (4) hours.

The listed items are general closure requirements, modifications may be necessary in certain situations. A deficient application or incomplete information will only cause a delay in the permit process, if you have any questions or need assistance call the OFM at (510) 238-3927. The Underground Storage Tank System Closure Permit expires **365 days** from the approval date. If the tanks have not been closed/removed within **365 days**, a new closure permit application and fees are required. The closure/removal activities must be scheduled **48 hours** in advance.

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
BY:
TITLE:
DATE: 1/7/13
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

Applicant Declaration:

I certify the application information is correct and factual. I declare that I have read and will follow the "procedures to Close Underground Storage tank(s) Systems." I further agree to comply with all applicable City of Oakland Ordinances; Fire Code; Health and Safety Code Chapter 6.7; Title 23, California Code of Regulations.

Applicant MARK VENDRELLO Applicant _____ Date 12/10/12
Print Signature

"This box for OFM use only"

Comments _____

Inspectors Signature _____ Approval Date 1/7/13

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430
☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☒ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 2

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) College Shell 3

BUSINESS SITE ADDRESS 1039 College Ave 103 | CITY Oakland 104

II. TANK DESCRIPTION

TANK ID # 432: 3 | TANK MANUFACTURER 433: Owens Corning | TANK CONFIGURATION: THIS TANK IS 434
☒ 1. A STAND-ALONE TANK
☐ 2. ONE IN A COMPARTMENTIZED UNIT.
Complete one page for each compartment in the unit.

DATE UST SYSTEM INSTALLED 435: Unk. | TANK CAPACITY IN GALLONS 436: 10,000 | NUMBER OF COMPARTMENTS IN THE UNIT 437: 1

III. TANK USE AND CONTENTS

TANK USE 439
☒ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS 440
PETROLEUM: ☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☒ 1b. PREMIUM UNLEADED
☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS 440a
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify):
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL 440b
☐ 11. OTHER NON-PETROLEUM (Specify):

IV. TANK CONSTRUCTION

TYPE OF TANK 443: ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN
PRIMARY CONTAINMENT 444: ☐ 1. STEEL ☒ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER 444a
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 98. OTHER (Specify):
SECONDARY CONTAINMENT 445: ☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED 445a
☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify):
OVERFILL PREVENTION 452: ☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☒ 3. FILL TUBE SHUT-OFF VALVE
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT/WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460: ☐ 1. SINGLE-WALLED ☒ 2. DOUBLE-WALLED ☐ 99. OTHER
SYSTEM TYPE 458: ☒ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2631(d)(3)]
PRIMARY CONTAINMENT 464: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464a
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify):
SECONDARY CONTAINMENT 464b: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464c
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify):
PIPING/TURBINE CONTAINMENT SUMP TYPE 464d: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT 464b: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464b1
VENT SECONDARY CONTAINMENT 464f: ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☒ 90. NONE ☐ 99. OTHER (Specify) 464f1
VR PRIMARY CONTAINMENT 464g: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464g1
VR SECONDARY CONTAINMENT 464h: ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☒ 90. NONE ☐ 99. OTHER (Specify) 464h1
VENT PIPING TRANSITION SUMP TYPE 464i: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☒ 90. NONE
RISER PRIMARY CONTAINMENT 464j: ☒ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464j1
RISER SECONDARY CONTAINMENT 464k: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464k1
FILL COMPONENTS INSTALLED 451a-c: ☒ 1. SPILL BUCKET ☒ 3. STRIKER PLATE/BOTTOM PROTECTOR ☒ 4. CONTAINMENT SUMP

VII. UNDER-DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 469a: ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 99. NONE
CONSTRUCTION MATERIAL 469b-c: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 99. OTHER (Specify)

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448: ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements. 470

X APPLICANT SIGNATURE | DATE 11/19/12

APPLICANT NAME (print) 471: Mohammad A. AHMADI "Mike" | APPLICANT TITLE 472: President

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 418

☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☒ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 3

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) 5
College Style LLC

BUSINESS SITE ADDRESS 6039 College Ave 103 | CITY Oakland 104

II. TANK DESCRIPTION

TANK ID # 432: 2
TANK MANUFACTURER 433: Owens Coaning
TANK CONFIGURATION: THIS TANK IS 434: ☒ 1. A STAND-ALONE TANK ☐ 2. ONE IN A COMPARTMENTED UNIT - Complete one page for each compartment in the unit.
DATE UST SYSTEM INSTALLED 435: 1982
TANK CAPACITY IN GALLONS 436: 10,000
NUMBER OF COMPARTMENTS IN THE UNIT 437:

III. TANK USE AND CONTENTS

TANK USE 439: ☒ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING ☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Individual Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(e)] ☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS 440: PETROLEUM: ☐ 1a. REGULAR UNLEADED ☒ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS ☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL ☐ 11. OTHER NON-PETROLEUM (Specify): 440b

IV. TANK CONSTRUCTION

TYPE OF TANK 443: ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN
PRIMARY CONTAINMENT 444: ☐ 1. STEEL ☒ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER ☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a
SECONDARY CONTAINMENT 445: ☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED ☒ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a
OVERFILL PREVENTION 447: ☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☒ 3. FILL TUBE SHUT-OFF VALVE ☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION 460: ☐ 1. SINGLE-WALLED ☒ 2. DOUBLE-WALLED ☐ 99. OTHER
SYSTEM TYPE 458: ☒ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)]
PRIMARY CONTAINMENT 462: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 462a
SECONDARY CONTAINMENT 464b: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c
PIPING/TURBINE CONTAINMENT SUMP TYPE 464d: ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT 464e: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464e1
VENT SECONDARY CONTAINMENT 464f: ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☒ 90. NONE ☐ 99. OTHER (Specify) 464f1
VR PRIMARY CONTAINMENT 464g: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464g1
VR SECONDARY CONTAINMENT 464h: ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☒ 90. NONE ☐ 99. OTHER (Specify) 464h1
VENT PIPING TRANSITION SUMP TYPE 464i: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☒ 90. NONE
RISER PRIMARY CONTAINMENT 464j: ☒ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464j1
RISER SECONDARY CONTAINMENT 464k: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464k1
FILL COMPONENTS INSTALLED 451a-c: ☒ 1. SPILL BUCKET ☒ 3. STRIKER PLATE/BOTTOM PROTECTOR ☒ 4. CONTAINMENT SUMP

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE 465a: ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 90. NONE
CONSTRUCTION MATERIAL 465b-c: ☐ 1. STEEL ☒ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 99. OTHER (Specify)

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION 448: ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

X APPLICANT SIGNATURE 470: M. N. Ahmadi | DATE 470: 11/19/12

APPLICANT NAME (print) 471: MOHAMMED N. AHMADI "Mike" | APPLICANT TITLE 470: President

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION (Check one item only. For an UST permanent closure or removal, complete only this section and Sections I, II, III, IV, and IX below) 430

☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☐ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☑ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a | DATE EXISTING UST DISCOVERED: 430b

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 1

BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As) College Hall 3

BUSINESS SITE ADDRESS 6039 College Ave 103 | CITY Oakland 104

II. TANK DESCRIPTION

TANK ID # 432: 1

TANK MANUFACTURER 433: Owens Corning

TANK CONFIGURATION: THIS TANK IS 434
☑ 1. A STAND-ALONE TANK
☐ 2. ONE IN A COMPARTMENTED UNIT
Complete one page for each compartment in the unit

DATE UST SYSTEM INSTALLED 435: 1965

TANK CAPACITY IN GALLONS 436: 10,000

NUMBER OF COMPARTMENTS IN THIS UNIT 437: 1

III. TANK USE AND CONTENTS

TANK USE ☑ 2a. MOTOR VEHICLE FUELING ☐ 2b. MARINA FUELING ☐ 2c. AVIATION FUELING
☐ 2d. EMERGENCY GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a

CONTENTS PETROLEUM: ☑ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED 440
☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify):

IV. TANK CONSTRUCTION

TYPE OF TANK ☑ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN 443

PRIMARY CONTAINMENT ☐ 1. STEEL ☑ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER 445
☐ 2. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify):

SECONDARY CONTAINMENT ☑ 90. NONE ☐ 95. UNKNOWN ☐ 7. JACKETED 445

OVERFILL PREVENTION ☐ 3. FLAPPER VALVE ☐ 5. PRODUCT TUBE SHUT-OFF VALVE 452
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION ☐ 1. SINGLE-WALLED ☑ 2. DOUBLE-WALLED ☐ 99. OTHER 460

SYSTEM TYPE ☑ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION (23 CCR §2631(g)(2)) 458

PRIMARY CONTAINMENT ☐ 1. STEEL ☑ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify):

SECONDARY CONTAINMENT ☐ 1. STEEL ☑ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464b
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c

PIPING/TURBINE CONTAINMENT SUMP TYPE ☒ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE 464d

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT ☐ 1. STEEL ☑ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464e

VENT SECONDARY CONTAINMENT ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464f

VR SECONDARY CONTAINMENT ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☑ 90. NONE ☐ 99. OTHER (Specify) 464h

VENT PIPING TRANSITION SUMP TYPE ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☑ 90. NONE 464i

RISER PRIMARY CONTAINMENT ☑ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 90. NONE ☐ 99. OTHER (Specify) 464j

RISER SECONDARY CONTAINMENT ☐ 1. STEEL ☑ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☑ 90. NONE ☐ 99. OTHER (Specify) 464k

FILL COMPONENTS INSTALLED ☑ 1. SPILL BUCKET ☑ 3. STRIKER PLATE/BOTTOM PROTECTOR ☑ 4. CONTAINMENT SUMP 453a-c

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE ☑ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 90. NONE 466J

CONSTRUCTION MATERIAL ☐ 1. STEEL ☑ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 99. OTHER (Specify) 466b-c

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION 448

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

X APPLICANT SIGNATURE M. Ahmad | DATE 11/19/12 470

APPLICANT NAME (print) 471: MOHAMMED N. AHMAD "Mike" | APPLICANT TITLE 472: President

Sparger Technology, Inc.
Environmental Division

Environmental Division
Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

ATTACHMENT B

3738 Bradview Drive • Sacramento, California - 95827 • (916) 369-7688 • Fax (916) 369-7689

MVP Petroleum Eng., Inc.

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAD983987017 | 2. Page 1 of 4 | 3. Emergency Response Phone: 510 526-7575 | 4. Manifest Tracking Number: 010396269 JJK

5. Generator's Name and Mailing Address: REDWOOD PETRL GROUP INC. 587 TRACIC VALLEY ROAD WALNUT CREEK, CA 94598 925 979-8500 PATRICK AMOSS

Generator's Site Address (if different than mailing address): COLLEGE SQUARE 6039 COLLEGE AVENUE OAKLAND, CA 94618

Generator's Phone:

U.S. EPA ID Number: CAD981189421

6. Transporter 1 Company Name: ADAM SERVICES, INC.

U.S. EPA ID Number:

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: DESERT/RESOURCES 7009 N. ATLANTIC STREET CORCORAN, CA 93212

U.S. EPA ID Number: CAD980813752

Facility's Phone: 559 992-7100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE LIQUID (CRUDE OIL AND WATER)	1	TT	700	G	241
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: ATTN: ED CONTACT 2 HRS PRIOR TO ARRIVAL

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: R. Patrick Amoss | Signature | Month: 1 | Day: 25 | Year: 13

TRANSPORTER INT'L

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter signature (for exports only):

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHAD CHRISTIE | Signature | Month: 01 | Day: 28 | Year: 13

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: ☐ Quantity ☒ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number

18b. Alternate Facility (or Generator)

Facility's Phone: | Month | Day | Year

18c. Signature of Alternate Facility (or Generator)

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. | 2. | 3. | 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] | Signature | Month: 02 | Day: 05 | Year: 13

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000367017	1	415 516-7676	010335270 JJK

GENERATOR

5. Generator's Name and Mailing Address
PETROMART RETAIL GROUP INC
587 YGNACIO VALLEY ROAD
WALNUT CREEK, CA 94595
Generator's Phone: 925 979-0560 Attn:ROXIE ABBADI

Generator's Site Address (if different than mailing address)
COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

6. Transporter 1 Company Name: ADAMS SERVICES, INC. U.S. EPA ID Number: CAR000189431

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address
SIEMENS INDUSTRY, INC.
5375 SOUTH BOYLE AVE.
LOS ANGELES, CA 90058
Facility's Phone: 323 277-1500
U.S. EPA ID Number: CAD097830993

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE SOLID (UNDERGROUND STORAGE TANK)	1	DT	1.5	T	512
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
AVOID EYE CONTACT & WEAR RUBBER GLOVES 82C 126 PROFILE: AP197595
CONTRACTOR: MVP PETROLEUM ENTERPRISE, INC LOAD #ES86405

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X Miguel Vasquez Signature: Month 12 Day 27 Year 13

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Henry Gonzalez Signature: Month 1 Day 29 Year 13

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

00002

TRANSPORTER'S COPY

SIEMENS

Siemens Industry, Inc.

Certificate of Treatment, Waste Management or Recycling

Issued To:

MIKE AHMADI
PETROMART RETAIL GROUP/COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

This Certifies That:

Manifest Number: 010396270JJK

Date Received: 1/30/2013

The waste described on the above manifest was received and accepted by Siemens Industry, Inc. for treatment, recycling, or other management in accordance with applicable treatment standards and Federal, State and local requirements. The Siemens Industry, Inc. wastewater treatment system treats wastewaters by removing toxic and hazardous constituents, discharging the treated water to the sewer operated by County Sanitation Districts of Los Angeles County, where it is further treated or recycled. Residues and other components of the waste may be recycled where provided for under Federal, State and local regulations.

The processing of the waste by Siemens Industry, Inc. completes all of the Certificate Holder's responsibilities under the Federal Resource Conservation and Recovery Act and the California Hazardous Waste Control Act.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000367017
2. Page 1 of 1
3. Emergency Response Phone: 415 516-7676
4. Manifest Tracking Number: 010396271 JJK

5. Generator's Name and Mailing Address:
PETROMART RETAIL GROUP INC
567 YGNACIO VALLEY ROAD
WALNUT CREEK, CA 94596

Generator's Site Address (if different than mailing address):
COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

Generator's Phone: 925 979-0500 Attn MIKE AHMADI

6. Transporter 1 Company Name: HUNT TRANSPORTATION INC — U.S. EPA ID Number: CAD981425053

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: SIEMENS INDUSTRY, INC. [illegible] — U.S. EPA ID Number:

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, SOLID (UNDERGROUND STORAGE TANK)	1	01	1.5	T	612
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
AVOID EYE CONTACT & WEAR RUBBER GLOVES — ERG 128 — PROFILE CAR197505
CONTRACTOR: MVP PETROLEUM ENGINEERING, INC.
LOAD #[illegible]

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: X [handwritten name] — Signature: X [signature] — Month Day Year: 01 29 13

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: ____
Transporter signature (for exports only): ____

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: X George Hoyt — Signature: X [signature] — Month Day Year: 01 29 13
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year:

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Marcos Mendoza — Signature: [signature] — Month Day Year: 1 30 13

SIEMENS

Siemens Industry, Inc.

Certificate of Treatment, Waste Management or Recycling

Issued To:

MIKE AHMADI
PETROMART RETAIL GROUP/COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

This Certifies That:

Manifest Number: **010396271JJK**

Date Received: **1/30/2013**

The waste described on the above manifest was received and accepted by Siemens Industry, Inc. for treatment, recycling, or other management in accordance with applicable treatment standards and Federal, State and local requirements. The Siemens Industry, Inc. wastewater treatment system treats wastewaters by removing toxic and hazardous constituents, discharging the treated water to the sewer operated by County Sanitation Districts of Los Angeles County, where it is further treated or recycled. Residues and other components of the waste may be recycled where provided for under Federal, State and local regulations.

The processing of the waste by Siemens Industry, Inc. completes all of the Certificate Holder's responsibilities under the Federal Resource Conservation and Recovery Act and the California Hazardous Waste Control Act.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAL000347017
2. Page 1 of: 1
3. Emergency Response Phone: 415 516-7670
4. Manifest Tracking Number: 010398272 JJK

5. Generator's Name and Mailing Address:
PETROSET RETAIL GROUP INC.
507 YGNACIO VALLEY ROAD
WALNUT CREEK CA [illegible]

Generator's Site Address (if different than mailing address):
COLLEGE SHELL
[illegible] COLLEGE [illegible]
OAKLAND CA 94618

Generator's Phone: [illegible]

6. Transporter 1 Company Name: [illegible] TRANSPORTATION INC. — U.S. EPA ID Number: CAD981425853

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address:
SIEMENS INDUSTRY, INC.
5375 SOUTH BOYLE AVE.
LOS ANGELES, CA 90058
U.S. EPA ID Number: CAD097030993

Facility's Phone: 323 277-1500

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE SOLID (UNDERGROUND STORAGE TANK)	1	DT	1.5	T	512
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
[illegible]
CONTRACTOR: MVP PETROLEUM ENGINEERING, INC. [illegible] [illegible] 1538406
LOAD [illegible] D18815

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: MARK VANDEIA — Signature: [signature] — Month 01 Day 27 Year 13

16. International Shipments: ☐ Import to U.S. ☐ Export from U.S. — Port of entry/exit: — Date leaving U.S.:
Transporter signature (for exports only):

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] — Signature: — Month 1 Day 27 Year 13
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator): — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator): — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Marcos Mendoza — Signature: [signature] — Month 1 Day 30 Year 13

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

SIEMENS

Siemens Industry, Inc.

Certificate of Treatment, Waste Management or Recycling

Issued To:

MIKE AHMADI
PETROMART RETAIL GROUP/COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

This Certifies That:

Manifest Number: 010396272JJK
Date Received: 1/30/2013

The waste described on the above manifest was received and accepted by Siemens Industry, Inc. for treatment

MVP PETROLEUM ENGINEERING, INC.

FACSIMILE TRANSMITTAL SHEET

TO: Sheryl Skillern

COMPANY: Oakland Fire

FAX NUMBER:

PHONE NUMBER: 510-238-6739

RE: College Ave in Oakland

FROM: Mark Vendeiro

DATE: 5/23/2013

TOTAL NO. OF PAGES, INCLUDING COVER:

SENDER'S REFERENCE NUMBER:

YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Sheryl,
Attached is the closure report for the College Ave Shell site.

~~First~~ Hard Second

Thank you,
Mark Vendeiro
916-205-1537 (cell)

916-984-1117 (fax)

SIEMENS

Siemens Industry, Inc.

Certificate of Treatment, Waste Management or Recycling

Issued To:

MIKE AHMADI
PETROMART RETAIL GROUP/COLLEGE SHELL
6039 COLLEGE AVENUE
OAKLAND, CA 94618

This Certifies That:

Manifest Number: 010396273JJK

Date Received: 2/4/2013

The waste described on the above manifest was received and accepted by Siemens Industry, Inc. for treatment, recycling, or other management in accordance with applicable treatment standards and Federal, State and local requirements. The Siemens Industry, Inc. wastewater treatment system treats wastewaters by removing toxic and hazardous constituents, discharging the treated water to the sewer operated by County Sanitation Districts of Los Angeles County, where it is further treated or recycled. Residues and other components of the waste may be recycled where provided for under Federal, State and local regulations.

The processing of the waste by Siemens Industry, Inc. completes all of the Certificate Holder's responsibilities under the Federal Resource Conservation and Recovery Act and the California Hazardous Waste Control Act.

Sparger Technology, Inc.
Environmental Division

Environmental Division
Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

ATTACHMENT C

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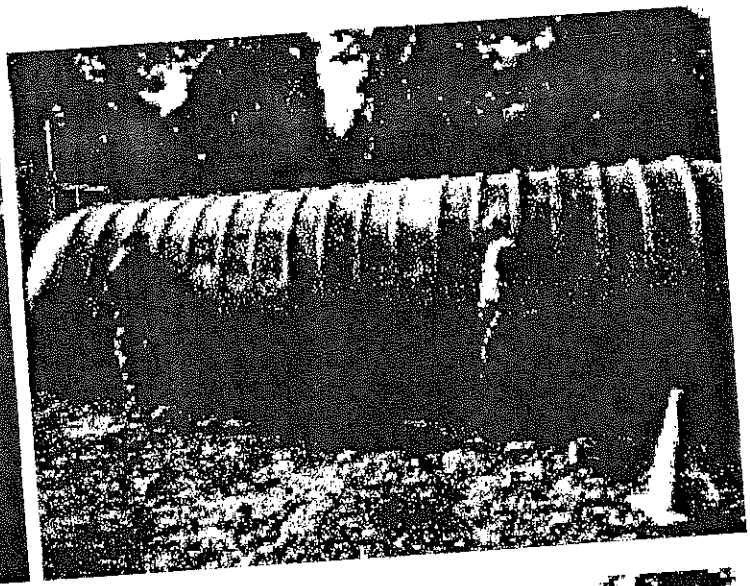
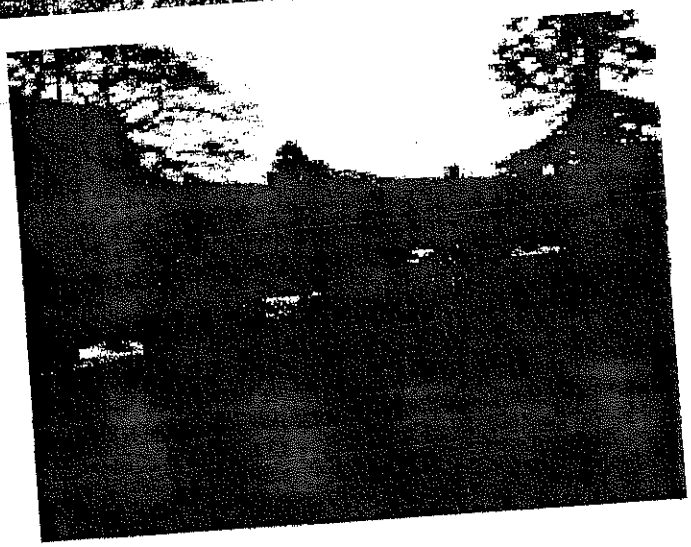
Sparger Technology, Inc.
Environmental Division

Environmental Division
Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

College Ave Shell - Oakland - UST Removal





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Sparger Technology, Inc.
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ATTACHMENT D

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Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Mark Vendeiro
MVP Petroleum Engineer Inc.
P.O. Box 281
Folsom, CA 957630281

Client	MVP Petroleum Engineer Inc.
Workorder	20508 College Ave Shell
Received	01/29/13

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

- DUP - Matrix Duplicate
- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- LCS - Lab Control Sample
- LCSD - Lab Control Sample Duplicate
- RPD - Relative Percent Difference
- QC - Additional Quality Control
- DIL - Results from a diluted sample
- ND - None Detected
- RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

Certification No. 1614
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Mark Vendeiro
MVP Petroleum Engineering Inc.
P.O. Box 281
Folsom, CA 957630281

Workorder 20508

Enclosed are the results from samples received on January 29, 2013.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
20508001	T1-A, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508002	T1-B, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508003	T2-A, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508004	T2-B, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508005	T3-A, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508006	T3-B, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508007	UDC-1, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508008	UDC-2, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S

Workorder	20508		
SAMPLE	**SAMPLE DESCRIPTION**	**DATE COLLECTED**	**TEST METHOD**
20508009	UDC-3, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508010	UDC-4, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508011	Pile Joint-1, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508012	Pile Joint-2, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S
20508013	Pile-2, Soil	01/29/13	8015B TPHgas S EPA 1664 O&G 8260B BTEX/FOC S 6010B S

Sparger Technology, Inc.
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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508001 **Sampled** 01/29/13
Sample ID T1-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
8015B TPH Gas							
TPHgas	8015B TPHgas S	02/08/13	02/08/13	1700	50	mg/Kg	1:100

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

Laboratory ID 20508001 **Sampled** 01/29/13
Sample ID T1-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1664 OIL & GREASE							
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	8740	50	mg/Kg	1:1

Laboratory ID 20508001 **Sampled** 01/29/13
Sample ID T1-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
8260B BTEX/Oxygenates							
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:100
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	50	ug/kg	1:100
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**590**	**100**	**ug/kg**	**1:100**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**790**	**100**	**ug/kg**	**1:100**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**5000**	**100**	**ug/kg**	**1:100**
Naphthalene	8260B BTEX/FOC	02/08/13	02/08/13	ND	200	ug/kg	1:100

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	46 ug/kg	92 %	(65 - 135)

1 - Loss of surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508001 — Sampled 01/29/13
Sample ID T1-A — Received 01/29/13
Matrix Soil — Reported 02/15/13

6010B METALS Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	7.53	1.0 mg/Kg	1:1

Laboratory ID 20508002 — Sampled 01/29/13
Sample ID T1-B — Received 01/29/13
Matrix Soil — Reported 02/15/13

8015B TPH Gas Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	1300	50 mg/Kg	1:100

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

Laboratory ID 20508002 — Sampled 01/29/13
Sample ID T1-B — Received 01/29/13
Matrix Soil — Reported 02/15/13

1664 OIL & GREASE Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	2040	50 mg/Kg	1:1

Laboratory ID 20508002 — Sampled 01/29/13
Sample ID T1-B — Received 01/29/13
Matrix Soil — Reported 02/15/13

8260B BTEX/Oxygenates Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10000 ug/kg	1:1000
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	500 ug/kg	1:1000
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000 ug/kg	1:1000
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1100**	**1000 ug/kg**	**1:1000**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**15000**	**1000 ug/kg**	**1:1000**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**79000**	**1000 ug/kg**	**1:1000**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**17000**	**2000 ug/kg**	**1:1000**

1 - Loss of surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID	MVP Petroleum Engineer Inc.	**Workorder ID**	College Ave Shell
Workorder #	20508	**Sampled**	01/29/13
Laboratory ID	20508002	**Received**	01/29/13
Sample ID	T1-B	**Reported**	02/15/13
Matrix	Soil		

8260B BTEX/Oxygenates - 8260B BTEX/FOC S (continued)

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/kg	102 %	(65 - 135)

Laboratory ID	20508002	**Sampled**	01/29/13
Sample ID	T1-B	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
6010B METALS						
Lead	6010B S	02/12/13	02/14/13	6.77	1.0 mg/Kg	1:1

Laboratory ID	20508003	**Sampled**	01/29/13
Sample ID	T2-A	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
8015B TPH Gas						
TPHgas	8015B TPHgas S	02/08/13	02/08/13	560	50 mg/Kg	1:100

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

Laboratory ID	20508003	**Sampled**	01/29/13
Sample ID	T2-A	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
1664 OIL & GREASE						
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	640	50 mg/Kg	1:1

1 - Loss of surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508003 **Sampled** 01/29/13
Sample ID T2-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:100
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	50	ug/kg	1:100
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**430**	**100**	**ug/kg**	**1:100**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1100**	**100**	**ug/kg**	**1:100**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**11000**	**100**	**ug/kg**	**1:100**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1800**	**200**	**ug/kg**	**1:100**

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	48 ug/kg	96 %	(65 - 135)

Laboratory ID 20508003 **Sampled** 01/29/13
Sample ID T2-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	4.82	1.0	mg/Kg	1:1

Laboratory ID 20508004 **Sampled** 01/29/13
Sample ID T2-B **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	130	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

1 - Loss of surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID	MVP Petroleum Engineer Inc.	**Workorder ID**	College Ave Shell
Workorder #	20508	**Sampled**	01/29/13
		Received	01/29/13
Laboratory ID	20508004	**Reported**	02/15/13
Sample ID	T2-B		
Matrix	Soil		

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	160	50	mg/Kg	1:1

Laboratory ID	20508004	**Sampled**	01/29/13
Sample ID	T2-B	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10000	ug/kg	1:1000
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	500	ug/kg	1:1000
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:1000
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**4700**	**1000**	**ug/kg**	**1:1000**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**9000**	**1000**	**ug/kg**	**1:1000**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**64000**	**1000**	**ug/kg**	**1:1000**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**7200**	**2000**	**ug/kg**	**1:1000**

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	49 ug/kg	98 %	(65 - 135)

Laboratory ID	20508004	**Sampled**	01/29/13
Sample ID	T2-B	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	7.05	1.0	mg/Kg	1:1

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508005 **Sampled** 01/29/13
Sample ID T3-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	480	50	mg/Kg	1:100

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

Laboratory ID 20508005 **Sampled** 01/29/13
Sample ID T3-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	140	50	mg/Kg	1:1

Laboratory ID 20508005 **Sampled** 01/29/13
Sample ID T3-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:100
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	50	ug/kg	1:100
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	420	100	ug/kg	1:100
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	850	100	ug/kg	1:100
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	5800	100	ug/kg	1:100
Xylene,Total	8260B BTEX/FOC	02/08/13	02/08/13	8400	200	ug/kg	1:100
Naphthalene							

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/kg	102 %	(65 - 135)

1 - Loss of surrogate recovery due to sample matrix effect

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Sparger Technology, Inc.
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Scientific Division

Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508005 **Sampled** 01/29/13
Sample ID T3-A **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
6010B METALS							
Lead	6010B S	02/12/13	02/14/13	6.24	1.0	mg/Kg	1:1

Laboratory ID 20508006 **Sampled** 01/29/13
Sample ID T3-B **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
8015B TPH Gas							
TPHgas	8015B TPHgas S	02/08/13	02/08/13	1100	50	mg/Kg	1:100

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	00 ug/kg	0 %	(65 - 135)

Laboratory ID 20508006 **Sampled** 01/29/13
Sample ID T3-B **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1664 OIL & GREASE							
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	1160	50	mg/Kg	1:1

Laboratory ID 20508006 **Sampled** 01/29/13
Sample ID T3-B **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
8260B BTEX/Oxygenates							
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	1000	ug/kg	1:100
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	50	ug/kg	1:100
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	100	ug/kg	1:100
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**3700**	**100**	**ug/kg**	**1:100**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**5700**	**100**	**ug/kg**	**1:100**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**39000**	**100**	**ug/kg**	**1:100**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**7900**	**200**	**ug/kg**	**1:100**

1 - Loss of surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID	MVP Petroleum Engineer Inc.	**Workorder ID**	College Ave Shell
Workorder #	20508	**Sampled**	01/29/13
Laboratory ID	20508006	**Received**	01/29/13
Sample ID	T3-B	**Reported**	02/15/13
Matrix	Soil		

8260B BTEX/Oxygenates - 8260B BTEX/FOC S (continued)

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/kg	102 %	(65 - 135)

Laboratory ID	20508006	**Sampled**	01/29/13
Sample ID	T3-B	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	9.07	1.0	mg/Kg	1:1

Laboratory ID	20508007	**Sampled**	01/29/13
Sample ID	UDC-1	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	29.8 ug/kg	149 %	(65 - 135)

Laboratory ID	20508007	**Sampled**	01/29/13
Sample ID	UDC-1	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50	mg/Kg	1:1

1 - High surrogate recovery due to sample matrix effect.

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508007 **Sampled** 01/29/13
Sample ID UDC-1 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1.7**	**1.0**	**ug/kg**	**1:1**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**8.3**	**1.0**	**ug/kg**	**1:1**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**70**	**1.0**	**ug/kg**	**1:1**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**6.0**	**2.0**	**ug/kg**	**1:1**

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	55 ug/kg	110 %	(65 - 135)

Laboratory ID 20508007 **Sampled** 01/29/13
Sample ID UDC-1 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	**6010B S**	**02/12/13**	**02/14/13**	**6.67**	**1.0**	**mg/Kg**	**1:1**

Laboratory ID 20508008 **Sampled** 01/29/13
Sample ID UDC-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene[1]	29 ug/kg	145 %	(65 - 135)

1 - High surrogate recovery due to sample matrix effect.

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Client ID MVP Petroleum Engineer Inc.
Workorder # 20508 **Workorder ID** College Ave Shell

Laboratory ID 20508008 **Sampled** 01/29/13
Sample ID UDC-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	2080	50	mg/Kg	1:1

Laboratory ID 20508008 **Sampled** 01/29/13
Sample ID UDC-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**2.4**	**1.0**	**ug/kg**	**1:1**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**4.4**	**2.0**	**ug/kg**	**1:1**

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	63 ug/kg	126 %	(65 - 135)

Laboratory ID 20508008 **Sampled** 01/29/13
Sample ID UDC-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	6.09	1.0	mg/Kg	1:1

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc.
Workorder # 20508 **Workorder ID** College Ave Shell

Laboratory ID 20508009 **Sampled** 01/29/13
Sample ID UDC-3 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	19.2 ug/kg	96 %	(65 - 135)

Laboratory ID 20508009 **Sampled** 01/29/13
Sample ID UDC-3 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50	mg/Kg	1:1

Laboratory ID 20508009 **Sampled** 01/29/13
Sample ID UDC-3 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1.9**	**1.0**	**ug/kg**	**1:1**
Naphthalene	8260B BTEX/FOC	02/08/13	02/08/13	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc.
Workorder # 20508 **Workorder ID** College Ave Shell

Laboratory ID 20508009 **Sampled** 01/29/13
Sample ID UDC-3 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	6.62	1.0	mg/Kg	1:1

Laboratory ID 20508010 **Sampled** 01/29/13
Sample ID UDC-4 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	18.4 ug/kg	92 %	(65 - 135)

Laboratory ID 20508010 **Sampled** 01/29/13
Sample ID UDC-4 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50	mg/Kg	1:1

Laboratory ID 20508010 **Sampled** 01/29/13
Sample ID UDC-4 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1.6**	**1.0**	**ug/kg**	**1:1**
Naphthalene	8260B BTEX/FOC	02/08/13	02/08/13	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	MVP Petroleum Engineer Inc.	**Workorder ID**	College Ave Shell
Workorder #	20508	**Sampled**	01/29/13
Laboratory ID	20508010	**Received**	01/29/13
Sample ID	UDC-4	**Reported**	02/15/13
Matrix	Soil		

8260B BTEX/Oxygenates - 8260B BTEX/FOC S (continued)

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/kg	114 %	(65 - 135)

Laboratory ID	20508010	**Sampled**	01/29/13
Sample ID	UDC-4	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	6.09	1.0 mg/Kg	1:1

Laboratory ID	20508011	**Sampled**	01/29/13
Sample ID	Pile Joint-1	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50 mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	18.2 ug/kg	91 %	(65 - 135)

Laboratory ID	20508011	**Sampled**	01/29/13
Sample ID	Pile Joint-1	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50 mg/Kg	1:1

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc.
Workorder # 20508 **Workorder ID** College Ave Shell

Laboratory ID 20508011 **Sampled** 01/29/13
Sample ID Pile Joint-1 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Xylene, Total	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Naphthalene	8260B BTEX/FOC	02/08/13	02/08/13	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	56 ug/kg	112 %	(65 - 135)

Laboratory ID 20508011 **Sampled** 01/29/13
Sample ID Pile Joint-1 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	12.3	1.0	mg/Kg	1:1

Laboratory ID 20508012 **Sampled** 01/29/13
Sample ID Pile Joint-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17.6 ug/kg	88 %	(65 - 135)

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc. **Workorder ID** College Ave Shell
Workorder # 20508

Laboratory ID 20508012 **Sampled** 01/29/13
Sample ID Pile Joint-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50 mg/Kg	1:1

Laboratory ID 20508012 **Sampled** 01/29/13
Sample ID Pile Joint-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10 ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50 ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Xylene,Total	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0 ug/kg	1:1
Naphthalene	8260B BTEX/FOC	02/08/13	02/08/13	ND	2.0 ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	58 ug/kg	116 %	(65 - 135)

Laboratory ID 20508012 **Sampled** 01/29/13
Sample ID Pile Joint-2 **Received** 01/29/13
Matrix Soil **Reported** 02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	6.65	1.0 mg/Kg	1:1

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Test Certificate of Analysis

Client ID MVP Petroleum Engineer Inc.
Workorder # 20508
Workorder ID College Ave Shell

Laboratory ID 20508013
Sample ID Pile-2
Matrix Soil
Sampled 01/29/13
Received 01/29/13
Reported 02/15/13

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas S	02/08/13	02/08/13	ND	0.50	mg/Kg	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	18.1 ug/kg	90 %	(65 - 135)

Laboratory ID 20508013
Sample ID Pile-2
Matrix Soil
Sampled 01/29/13
Received 01/29/13
Reported 02/15/13

1664 OIL & GREASE

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50	mg/Kg	1:1

Laboratory ID 20508013
Sample ID Pile-2
Matrix Soil
Sampled 01/29/13
Received 01/29/13
Reported 02/15/13

8260B BTEX/Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**1.9**	**1.0**	**ug/kg**	**1:1**
Ethylbenzene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**7.9**	**1.0**	**ug/kg**	**1:1**
Xylene,Total	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**80**	**1.0**	**ug/kg**	**1:1**
Naphthalene	**8260B BTEX/FOC**	**02/08/13**	**02/08/13**	**7.8**	**2.0**	**ug/kg**	**1:1**

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	56 ug/kg	112 %	(65 - 135)

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Test Certificate of Analysis

Client ID	MVP Petroleum Engineer Inc.	**Workorder ID**	College Ave Sheli
Workorder #	20508		
Laboratory ID	20508013	**Sampled**	01/29/13
Sample ID	Pile-2	**Received**	01/29/13
Matrix	Soil	**Reported**	02/15/13

6010B METALS

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Lead	6010B S	02/12/13	02/14/13	7.07	1.0	mg/Kg	1:1

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Method Blank Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MB for HBN 446374 [ICPV/6948]
Laboratory ID	106861	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	ND	1.0 mg/Kg	1:1

Lab Control Sample Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCS for HBN 446374 [ICPV/6948]
Laboratory ID	106862	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	51.3	1.0 mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCSD for HBN 446374 [ICPV/6948
Laboratory ID	106863	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	51.3	1.0 mg/Kg	1:1

Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	DUP for HBN 446374 [ICPV/6948]
Laboratory ID	106864	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	1.54	1.0 mg/Kg	1:1

Matrix Spike Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MS for HBN 446374 [ICPV/6948]
Laboratory ID	106865	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	54.3	1.0 mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MSD for HBN 446374 [ICPV/6948]
Laboratory ID	106866	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
Lead	6010B S	02/12/13	02/14/13	53.5	1.0 mg/Kg	1:1

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Method Blank Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MB for HBN 446382 [OGGV/1338]
Laboratory ID	106885	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	ND	50 mg/Kg	1:1

Lab Control Sample Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCS for HBN 446382 [OGGV/1338]
Laboratory ID	106886	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	7920	50 mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCSD for HBN 446382 [OGGV/1338
Laboratory ID	106887	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	7900	50 mg/Kg	1:1

Matrix Spike Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MS for HBN 446382 [OGGV/1338]
Laboratory ID	106888	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	16800	50 mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MSD for HBN 446382 [OGGV/1338]
Laboratory ID	106889	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPH OIL & GREASE	EPA 1664 O&G	02/13/13	02/13/13	16700	50 mg/Kg	1:1

Method Blank Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MB for HBN 446385 [VGXV/3178]
Laboratory ID	106890	**Matrix**	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL Units	Dilution
TPHgas	8015B TPHgas	S02/08/13	02/08/13	ND	0.50 mg/Kg	1:1

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Method Blank Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MB for HBN 446385 [VGXV/3178]
Laboratory ID	106890	**Matrix**	Soil

Surrogates	**Result**	**Recovery**	**Limits**
Trifluorotoluene	16.7 ug/kg	84 %	(65 - 135)

Lab Control Sample Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCS for HBN 446385 [VGXV/3178]
Laboratory ID	106891	**Matrix**	Soil

Parameter	**Method**	**Prep Date**	**Analyzed**	**Result**	**RL Units**	**Dilution**
TPHgas	8015B TPHgas	S02/08/13	02/08/13	0.99	0.50 mg/Kg	1:1

Lab Control Sample Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	LCSD for HBN 446385 [VGXV/3178
Laboratory ID	106892	**Matrix**	Soil

Parameter	**Method**	**Prep Date**	**Analyzed**	**Result**	**RL Units**	**Dilution**
TPHgas	8015B TPHgas	S02/08/13	02/08/13	1.0	0.50 mg/Kg	1:1

Matrix Spike Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MS for HBN 446385 [VGXV/3178]
Laboratory ID	106893	**Matrix**	Soil

Parameter	**Method**	**Prep Date**	**Analyzed**	**Result**	**RL Units**	**Dilution**
TPHgas	8015B TPHgas	S02/08/13	02/08/13	0.82	0.50 mg/Kg	1:1

Matrix Spike Duplicate Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MSD for HBN 446385 [VGXV/3178]
Laboratory ID	106894	**Matrix**	Soil

Parameter	**Method**	**Prep Date**	**Analyzed**	**Result**	**RL Units**	**Dilution**
TPHgas	8015B TPHgas	S02/08/13	02/08/13	0.88	0.50 mg/Kg	1:1

Method Blank Report

Client ID	MVP Petroleum Engineer Inc.	**Sample ID**	MB for HBN 446387 [VMXV/3474]
Laboratory ID	106895	**Matrix**	Soil

Parameter	**Method**	**Prep Date**	**Analyzed**	**Result**	**RL Units**	**Dilution**
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	ND	10 ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	ND	0.50 ug/kg	1:1

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Method Blank Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** MB for HBN 446387 [VMXV/3474]
Laboratory ID 106895 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Di-isopropyl ether	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dichloroethane	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
1,2-Dibromoethane	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Benzene	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Toluene	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Ethylbenzene	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1
Xylene,Total	8260B	BTEX/FOC02/08/13	02/08/13	ND	1.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(65 - 135)

Lab Control Sample Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** LCS for HBN 446387 [VMXV/3474]
Laboratory ID 106896 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B	BTEX/FOC02/08/13	02/08/13	307	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B	BTEX/FOC02/08/13	02/08/13	66	0.50	ug/kg	1:1
Di-isopropyl ether	8260B	BTEX/FOC02/08/13	02/08/13	61	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B	BTEX/FOC02/08/13	02/08/13	64	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B	BTEX/FOC02/08/13	02/08/13	66	1.0	ug/kg	1:1
Benzene	8260B	BTEX/FOC02/08/13	02/08/13	67	1.0	ug/kg	1:1
Toluene	8260B	BTEX/FOC02/08/13	02/08/13	67	1.0	ug/kg	1:1
Ethylbenzene	8260B	BTEX/FOC02/08/13	02/08/13	65	1.0	ug/kg	1:1
Xylene,Total	8260B	BTEX/FOC02/08/13	02/08/13	192	1.0	ug/kg	1:1

Lab Control Sample Duplicate Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** LCSD for HBN 446387 [VMXV/3474
Laboratory ID 106897 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B	BTEX/FOC02/08/13	02/08/13	279	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B	BTEX/FOC02/08/13	02/08/13	55	0.50	ug/kg	1:1
Di-isopropyl ether	8260B	BTEX/FOC02/08/13	02/08/13	51	1.0	ug/kg	1:1

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Lab Control Sample Duplicate Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** LCSD for HBN 446387 [VMXV/3474
Laboratory ID 106897 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	54	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	55	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	56	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	55	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	54	1.0	ug/kg	1:1
Xylene,Total	8260B BTEX/FOC	02/08/13	02/08/13	158	1.0	ug/kg	1:1

Matrix Spike Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** MS for HBN 446387 [VMXV/3474]
Laboratory ID 106898 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	213	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	49	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	46	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	47	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	49	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	42	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	42	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	47	1.0	ug/kg	1:1
Xylene,Total	8260B BTEX/FOC	02/08/13	02/08/13	173	1.0	ug/kg	1:1

Matrix Spike Duplicate Report

Client ID MVP Petroleum Engineer Inc. **Sample ID** MSD for HBN 446387 [VMXV/3474]
Laboratory ID 106899 **Matrix** Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Tertiary butanol	8260B BTEX/FOC	02/08/13	02/08/13	220	10	ug/kg	1:1
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/08/13	02/08/13	50	0.50	ug/kg	1:1
Di-isopropyl ether	8260B BTEX/FOC	02/08/13	02/08/13	47	1.0	ug/kg	1:1
Ethyl tert butyl ether	8260B BTEX/FOC	02/08/13	02/08/13	49	1.0	ug/kg	1:1
Tert amyl methyl ether	8260B BTEX/FOC	02/08/13	02/08/13	51	1.0	ug/kg	1:1
Benzene	8260B BTEX/FOC	02/08/13	02/08/13	47	1.0	ug/kg	1:1
Toluene	8260B BTEX/FOC	02/08/13	02/08/13	47	1.0	ug/kg	1:1
Ethylbenzene	8260B BTEX/FOC	02/08/13	02/08/13	51	1.0	ug/kg	1:1
Xylene,Total	8260B BTEX/FOC	02/08/13	02/08/13	181	1.0	ug/kg	1:1

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QC SUMMARY

Client ID	MVP Petroleum Engineer Inc.	**Original Sample**	20499001 **Duplicate [106864]**
QC Batch	ICPP 6965		
Matrix	Soil		

Parameter	RPD	RPD Limits
Lead	11.4	(35)

Client ID	MVP Petroleum Engineer Inc.	**Original Samples**	20499001 Matrix Spike [106865] Matrix Spike Duplicate [106866]
QC Batch	ICPP 6965		
Matrix	Soil		

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	106	104	(75-125)	1.90	(35 MAX)

Client ID	MVP Petroleum Engineer Inc.	**Original Samples**	20508001 Matrix Spike [106888] Matrix Spike Duplicate [106889]
QC Batch	OGGX 1384		
Matrix	Soil		

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPH OIL & GREASE	100	100	(65-135)	00	(20 MAX)

Client ID	MVP Petroleum Engineer Inc.	**Original Samples**	20508013 Matrix Spike [106893] Matrix Spike Duplicate [106894]
QC Batch	VGX 3298		
Matrix	Soil		

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	82	88	(65-135)	7.1	(20 MAX)

Client ID	MVP Petroleum Engineer Inc.	**Original Samples**	20508013 Matrix Spike [106898] Matrix Spike Duplicate [106899]
QC Batch	VMX 3512		
Matrix	Soil		

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Tertiary butanol	85	88	(65-135)	3.5	(20 MAX)
Methyl-tert-butyl-ether	98	100	(65-135)	2.0	(20 MAX)
Di-isopropyl ether	92	94	(65-135)	2.2	(20 MAX)
Ethyl tert butyl ether	94	98	(65-135)	4.2	(20 MAX)

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QC SUMMARY

Client ID MVP Petroleum Engineer Inc.
QC Batch VMX 3512
Matrix Soil
Original Samples 20508013
Matrix Spike [106898]
Matrix Spike Duplicate [106899]
(continued)

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Tert amyl methyl ether	98	102	(65-135)	4.0	(20 MAX)
Benzene	84	94	(65-135)	11	(20 MAX)
Toluene	80	90	(65-135)	12	(20 MAX)
Ethylbenzene	78	86	(65-135)	9.8	(20 MAX)
Xylene, Total[1]	62	67	(65-135)	7.8	(20 MAX)

Client ID MVP Petroleum Engineer Inc.
QC Batch ICPP 6965
Matrix Soil
Samples Lab Control Sample [106862]
Lab Control Sample Duplicate [106863]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Lead	103	103	(80-120)	0000	(20 MAX)

Client ID MVP Petroleum Engineer Inc.
QC Batch OGGX 1384
Matrix Soil
Samples Lab Control Sample [106886]
Lab Control Sample Duplicate [106887]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPH OIL & GREASE	99	99	(65-135)	00	(20 MAX)

Client ID MVP Petroleum Engineer Inc.
QC Batch VGX 3298
Matrix Soil
Samples Lab Control Sample [106891]
Lab Control Sample Duplicate [106892]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	99	100	(65-135)	1.0	(20 MAX)

Client ID MVP Petroleum Engineer Inc.
QC Batch VMX 3512
Matrix Soil
Samples Lab Control Sample [106896]
Lab Control Sample Duplicate [106897]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Tertiary butanol	123	112	(65-135)	9.4	(20 MAX)
Methyl-tert-butyl-ether	132	110	(65-135)	18	(20 MAX)
Di-isopropyl ether	122	102	(65-135)	18	(20 MAX)
Ethyl tert butyl ether	128	108	(65-135)	17	(20 MAX)

1 - Low M S/MSD recoveries due to sample matrix effect.

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QC SUMMARY

Client ID	MVP Petroleum Engineer Inc.	**Samples**	Lab Control Sample [106896]
QC Batch	VMX 3512		Lab Control Sample Duplicate [106897]
Matrix	Soil		**(continued)**

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Tert amyl methyl ether	132	110	(65-135)	18	(20 MAX)
Benzene	134	112	(65-135)	18	(20 MAX)
Toluene	134	110	(65-135)	20	(20 MAX)
Ethylbenzene	130	108	(65-135)	18	(20 MAX)
Xylene, Total	128	105	(65-135)	20	(20 MAX)

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WORKORDER #: 20508

REMARKS: MIKE AHMADI

Page: 1 of 2

Chain of Custody and Analysis Request

Project Contact (Hardcopy and/or PDF to): Mark Vendeiro

California EDF Report? ○ YES ⌀ NO

Company/Address: MVP

OPTIONAL
Sampling Company Log Code:

Phone #: 916 205-1537

Fax #:

Global ID:

Project #:

P.O. #:

EDF Deliverable To (Email Address):

Project Name: College Ave Shell

Sampler's Signature: [signature]

Sampler's Name (PRINT): MIKE MILLER

Project Address: 6039 College Av Oakland, CA

Analysis Request

Analyses: BTEX (8021B); BTEX/TPH Gas/MTBE (8021B/M8015) (circled: TPH Gas); TPH as Diesel (M8015); TPH as Motor Oil (M8015); TPH Gas/BTEX/MTBE (8260B); 5 Oxygenates/TPH Gas/BTEX (8260B) (circled: 5 Oxygenates, BTEX); 7 Oxygenates/TPH Gas/BTEX (8260B); 5 Oxygenates (8260B); 7 Oxygenates (8260B); Lead Scav. (1,2 DCA & 1,2 EDB - 8260B); EPA 8260B (Full List); Volatile Halocarbons (EPA 8260B); Lead (7421/239.2) Total (X) W.E.T (X) (circled: Total) GOLD; Oil and Grease (5520); Naphthalene

TAT: 12 hr/ 24 hr/ 48 hr/ 72 hr/ 1 wk (circled: 1 wk, STD)

NO.	SAMPLE ID	Date	Time	40 mL VOA	SLEEVE	HCl	HNO$_3$	ICE	NONE	WATER	SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) Total (X) W.E.T (X)	Oil and Grease (5520)	Naphthalene	TAT (STD)
1	T1-A	1-29-13	10:30		X				X		X		X				X				X			X	X	X	X
2	T1-B	"	10:35		X				X		X		X				X				X			X	X	X	X
3	T2-A	"	10:40		X				X		X		X				X				X			X	X	X	X
4	T2-B	"	10:45		X				X		X		X				X				X			X	X	X	X
5	T3-A	"	10:50		X				X		X		X				X				X			X	X	X	X
6	T3-B	"	10:55		X				X		X		X				X				X			X	X	X	X
7	UDC-1	"	11:05		X				X		X		X				X				X			X	X	X	X
8	UDC-2	"	11:10		X				X		X		X				X				X			X	X	X	X
9	UDC-3	"	11:15		X				X		X		X				X				X			X	X	X	X
10	UDC-4	"	11:20		X				X		X		X				X				X			X	X	X	X

Relinquished By:	Date	Time	Relinquished By:	Date	Time	Relinquished By:	Date	Time	Received By:	Date	Time
[signature]	1-29-13	1400	[signature]	1-29-13	14:00						

Bill to:

Distribution: (WHITE)-LAB, (YELLOW)-ORIGINATOR

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p.35

916-984-1117

MVP Petroleum Eng., Inc.

Sparger Technology, Inc.
Environmental Laboratories

3050 Fite Circle, #112
Sacramento, CA 95827
Voice: (916) 362-8947
Fax: (916) 362-0947
Email: SPARGER@SPARGERTECHNOLOGY.COM

WORKORDER #: 20508

REMARKS: MIKE AHMADI

Page: 2 of 2

Chain of Custody and Analysis Request

Project Contact (Hardcopy and/or PDF to): Mark Verdeiro	California EDF Report? ○ YES ✓ NO
Company/Address: MVP	OPTIONAL Sampling Company Log Code:
Phone #: 9162051537 / Fax #:	Global ID:
Project #: / P.O. #:	EDF Deliverable To (Email Address):
Project Name: College Av Shell	Sampler's Signature: / Sampler's Name (PRINT): MIKE MILLER
Project Address: 6039 College Av Oakland, CA	**Sampling**

NO.	SAMPLE ID	Date	Time	Container: 40 mL VOA	Container: SLEEVE	Preservative: HCL	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL
1	PipeJoint-1	1-29-13	11:25		X				X		X
2	Pipe Joint-2	"	11:30		X				X		X
3	Pipe-2	"	11:35		X				X		X
4											
5											
6											
7											
8											
9											
10											

Analysis Request

NO.	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1, 2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) Total (X) W.E.T (X) (6010)	OIL AND GREASE (5520)	Naphthalene	TAT: 12 hr/ 24 hr/ 48 hr/ 72 hr/ 1 wk STD
1		X				X				X			X	X	X	X
2		X				X				X			X	X	X	
3		X				X				X			X	X	X	
4																
5																
6																
7																
8																
9																
10																

Relinquished By:	Date	Time	Received By:	Date	Time
Mike Miller	1-29-13	1400	Received		
RAY JAMES	1-29-13	14:00			

Bill to:

Distribution: (WHITE)-LAB, (YELLOW)-ORIGINATOR

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