August 3, 2011

Reference: Underground Storage Tank Removal Report
Former F&M Auto Service UST Site
1839 Foothill Boulevard
Oakland, Alameda County, California 94606

Alameda County, Case #: RO 3077

PERJURY STATEMENT

As the Responsible Party (RP) for this Site, I declare that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Mary K. Wright
Responsible Party

8-8-2011
Date

June 3, 2011

Ms. Sheryl Skillern
Oakland Fire Department
Hazardous Materials Management Program
250 Frank H. Ogawa Plaza, #3341
Oakland, CA 94612

Subject: **Underground Storage Tank Removal Report**
Former F&M Auto Service UST Site
1839 Foothill Boulevard
Oakland, California 94606

Dear Ms. Skillern:

On behalf of Ms. Mary Wright, current property owner, and Mr. James Balsley, prospective property owner, (Owners) Sierra West Consultants, Inc. (Sierra West) is pleased to provide this *Underground Storage Tank (UST) Removal Report* for activities conducted at the Former F&M Auto Service UST Site located at 1839 Foothill Boulevard, Oakland, California (Site). This work was conducted pursuant to the Oakland Fire Department's Notice to Comply dated May 19, 2010 for Permit Number 20-2178. The work has been funded by a grant through the State of California Water Resources Control Board , Orphan Site Cleanup Fund.

The site is located at the northwest corner of the intersection of Foothill Boulevard and 19th Avenue, in Oakland, California. A Site Location Map is included as **Figure 1**. This report documents building demolition and UST removal activities that were performed from March 29, 2011 through April 13, 2011. Building demolition and UST removal was performed consistent with Sierra West's *Updated Work Plan for Underground Storage Tank Removal*, submitted to the Oakland Fire Department (OFD) March 2, 2011, and approved on March 4, 2011.

SITE BACKGROUND

The Site is identified by Alameda County Assessors Parcel Number 20-164-6, and is a rectangular shaped lot surrounded by a chain link fence with approximate dimensions of 100 feet long by 40 feet wide. The Site is a former gasoline service station that is estimated to have been constructed sometime during the 1950's. The service station ceased operation in 1995 and an auto detailing service operated at the property from 1997 through 2001. The property has been unoccupied since 2001. The southern section of the Site consisted of a small metal-framed retail building with an overhead canopy that covered a concrete pad and a dispenser island containing three gasoline pumps. The northern section of the Site consisted of a metal-framed structure which included a storage shed, an auto service garage, and a canopy that covered oil containers and other equipment.

There were four USTs at the Site. At the southern end of the Site there were two 1,000-gallon USTs (UST#1 and UST#2), at the central portion of the Site there was one 550-gallon UST (UST#3), and at the

northern end of the Site there was one 100-gallon UST (UST#4). Locations of former site features, including structures and USTs, are shown on the Site Plan included as **Figure 2**.

PERMITTING, NOTIFICATIONS, AND UTILITIES

Prior to field activities, a Building Demolition Permit was obtained from the City of Oakland Community and Economic Development Agency, and an Underground Storage Tank System Closure Permit was obtained from the City of Oakland Office of the Fire Marshall. The Bay Area Air Quality Management District (BAAQMD) was notified of planned building demolition at least 10 days prior to the commencement of field activities, consistent with BAAQMD requirements. BAAQMD Job No. 3N694 was issued for building demolition.

Underground Service Alert marked the locations of subsurface utilities in the vicinity of the work. Additionally, Precision Locating, an independent utility locating company, located buried utilities at the Site. Utility disconnects were provided for water and sewer service to the Site, and electrical service disconnection was coordinated with Pacific Gas and Electric.

ASBESTOS SURVEY

Prior to building demolition activities, Anderson Environmental Consulting Group (AEC) performed a survey of the site structures for asbestos containing materials (ACM). AEC performed an asbestos survey on January 6, 2011 and identified approximately 50 square feet of black roofing material as potentially containing ACM. Laboratory analysis of the black roofing material indicated that it contained approximately 3% chrysotile asbestos, and was classified as Category 1 Non-Friable Material.

ASBESTOS AND LEAD BASED PAINT ABATEMENT

On March 29 and 30, 2011, Element 26 Contracting of Rancho Cordova, California (Element 26), a licensed asbestos abatement contractor registered with Cal-OSHA, performed abatement of ACM and lead based paint present at the Site. Asbestos abatement was performed by wetting all ACM with clean water, then scraping the ACM off of the structures and double-bagging it and sealing the bags with duct tape. Lead based paint abatement was performed similarly, by wetting all surfaces requiring abatement, then scraping the lead based paint off of the structures and double-bagging it and sealing the bags with duct tape. During abatement activities, polyethylene sheeting was placed on the ground below all areas requiring abatement to contain any dust or debris generated during abatement.

Approximately 700 pounds (lbs) of ACM from the buildings was transported to the L and D Landfill, located in Sacramento, California, and was disposed of as non-friable asbestos, a non-hazardous waste. Approximately 200 lbs of lead based paint from the buildings was transported to US Ecology Nevada disposal facility, located near Beatty, Nevada, and was disposed of as hazardous waste. Copies of the waste disposal manifests are included in **Attachment A**.

BUILDING DEMOLITION

On March 31, 2011, Element 26 demolished the existing site structures. In accordance with BAAQMD requirements, the Site structures were wetted prior to and during demolition to minimize generation of airborne dust. Photographs of the Site before, during, and after building demolition are included in **Attachment B**. The structures were razed in a manner that enhanced waste stream diversion. During demolition, recyclable scrap metal, asphalt, concrete, and other debris were segregated from non-recyclable materials to maximize recycling opportunities.

Approximately 20,000 pounds (lbs) of scrap metals generated during demolition were taken to Schnitzer Steel, located in Oakland, California, for recycling. Approximately 51,000 lbs (approximately 19 cubic yards [yd^3]) of concrete and asphalt were taken to Inner City Recycling, located in Oakland, California, for recycling, and nearly 12,000 lbs of other debris was taken to the Keifer Landfill Facility, located in Sacramento County, for disposal. Copies of recycling and disposal documentation for building materials are included in **Attachment C**.

UNDERGROUND STORAGE TANK REMOVAL

Prior to removal, each UST was inspected for residual liquids. UST#1 contained approximately 200 gallons of an unleaded gasoline and sludge mixture, UST#3 contained approximately 150 gallons of a leaded gasoline and water mixture, and UST#4 contained approximately 50 gallons of oil. UST#2 was empty upon inspection. On April 5, 2011, the liquids and sludge were removed from the USTs using a vacuum pump. The USTs and associated product piping were then triple-rinsed. A copy of the triple-rinse certification is included in **Attachment D**.

Solid carbon dioxide (dry ice) was deposited in each UST at a ratio of at least 25 pounds of dry ice per 1,000 gallons of tank volume to purge flammable vapors prior to removing the tanks. A photoionization detector (PID) with a 10.6 electron volt lamp was used to evaluate concentrations of volatile organic compounds (VOCs) during purging of flammable vapors from the tank. PID measurements collected during purging of flammable vapors from the USTs are presented in the table below. Immediately prior to tank removal, the lower explosive limit (LEL) and oxygen levels (O_2) inside each tank were measured using a multi-gas meter calibrated to assess these indicators. LEL and O_2 measurements from inside each tank are presented in the table below.

	VOCs (ppm)	O2 (%)	LEL (%)
UST#1	104	4.1	15
UST#2	840	2.9	14
UST#3	35	15	5
UST#4	0	20.9	0

A visual inspection was performed to assess if there were any holes or other deficiencies in the tank walls. At UST#1 a 1-inch hole was discovered along the western edge of the tank, and several smaller holes were discovered along the bottom of the tank. At UST#2, no holes or deficiencies were observed, however soil beneath and surrounding the UST showed signs of hydrocarbon impacts such as odor and the visual observation of discolored soils. At UST#3 a 1-inch hole was discovered along the bottom of the tank, and a 6-inch hole was discovered on the southern end of the tank. At UST#4 corrosion and pitting were observed in the tank walls, and multiple holes were found ranging in size from small pinholes to large holes (approximately three inches by six inches). After triple rinsing, the air inside of UST#4 was measured at atmospheric levels with no detected presence of VOCs or explosive compounds. The decision to forego dry ice purging in UST#4 was made with approval from the on-site inspector from the Oakland Fire Department.

EXCAVATION AND STOCKPILING

Three excavations were performed to remove the USTs. The first excavation included UST#1 and UST#2. These two USTs had identical construction, each having a capacity of 1,000 gallons, a diameter

of 4 feet, and a length of 11 feet. The depth to the top of each UST was approximately 6.5 feet below ground surface (bgs), and the depth to the bottom was approximately 10.5 feet bgs. Hydrocarbon impacts were observed in soil surrounding the USTs, and overexcavation was performed to approximately 13 feet bgs. The final dimensions of this excavation were approximately 18 feet wide by 18 feet long by 13 feet deep. Approximately 146 yd^3 of soil were removed from this excavation.

The second excavation was for the removal of UST#3. UST#3 had a capacity of 550 gallons, a diameter of 4 feet, and a length of 6 feet. The depth to the top of UST#3 was approximately 5 feet bgs, and the depth to the bottom was approximately 9 feet bgs. Hydrocarbon impacts were observed in soil directly beneath the UST, and overexcavation was performed to approximately 13 feet bgs. The final dimensions of this excavation were approximately 10 feet wide by 11 feet long by 13 feet deep. Approximately 50 yd^3 of soil were removed from this excavation.

The third excavation was for the removal of UST#4. UST#4 had a capacity of 100 gallons, a diameter of 2 feet, and a length of 4 feet. The depth to the top of UST#4 was approximately 3 feet bgs, and the depth to the bottom was approximately 5 feet bgs. Hydrocarbon impacts were observed in soil directly beneath and surrounding the UST, and overexcavation was performed to approximately 6.5 feet bgs. The final dimensions of this excavation were approximately 8 feet wide by 8 feet long by 6.5 feet deep. Approximately 15 yd^3 of soil were removed from this excavation.

Soils from beneath the dispenser island and product piping were also excavated to an approximate depth of 5 feet bgs. Product piping excavations extended laterally approximately 2.5 feet on either side of the piping. Approximately 23 yd^3 of soil were removed from the excavation of the dispenser island and product piping.

The excavations remained dry (free from groundwater) throughout the project. Approximately 234 yd^3 of soil was excavated and stockpiled. Soils excavated above the top of each tank were stockpiled separately as clean overburden (approximately 110 yd^3). Approximate depths and locations of each excavation are shown on **Figure 3**. Excavated soil was stockpiled on polyethylene sheeting directly adjacent to or in the immediate vicinity of each excavation. To minimize erosion and aeration of soils, each soil stockpile was covered with polyethylene sheeting, and straw waddles were placed around the edges of the stockpile. Additionally, straw waddles were placed along the downstream boundary of the Site.

A four-point composite sample was collected from stockpiled soils (STOCKPILE[A,B,C,D]) for waste characterization. The composite sample was analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tert-butyl ether (MTBE) by Environmental Protection Agency (EPA) Method 8260B, and for CAM 17 metals by EPA Method 6010B. An additional four-point composite sample was collected from stockpiled soils (STOCKPILE-2[A,B,C,D]) and was analyzed for fuel oxygenates and chlorinated hydrocarbons by EPA Method 8260B, total petroleum hydrocarbons as diesel and total petroleum hydrocarbons as motor oil by EPA Method 8015, and for polychlorinated biphenyl (PCBs), pentachlorophenol, polynuclear aromatic hydrocarbons, and creosote constituents by EPA Method 8270. Copies of the laboratory analytical reports for characterization of contaminated soils are included in **Attachment E**, and results are summarized below.

TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Lead (mg/kg)	Chromium (mg/kg)
34.6	<0.5	0.405	0.424	6.69	<0.005	39.8	50.4

Chemical concentrations detected in the waste characterization samples were compared to California Title 22 regulations for characteristics of toxicity (Department of Toxic Substances Control, Office of Environmental Analysis, Audits and Regulations, 2005). All constituents were below their respective regulatory levels, with the exception of chromium that was detected at a concentration of 50.4 milligrams per kilogram (mg/kg), slightly greater than the regulatory limit of 50 mg/kg. As such, a soluble threshold limit concentration (STLC) analysis for chromium was subsequently performed. Concentrations of soluble chromium were not detected above the STLC reporting limit of 0.50 milligrams per liter (mg/L).

Approximately 100 yd^3 of contaminated soil was transported to Recology Hay Road, a Class II landfill located in Vacaville, California, for disposal. Copies of the disposal manifests for contaminated soils are included in **Attachment A**.

SAMPLING AND ANALYSIS

Sierra West collected soil samples from each of the excavations to evaluate whether chemical impacts are present in the subsurface. At each UST location, two soil samples were collected beneath each tank (1A and 1B through 4A and 4B). Approximately two feet of native soil was removed prior to collecting these soil samples. Sidewall samples were also collected on the eastern and western edges of each excavation, approximately two feet above the base of the excavation (1S, 2S, 3SW, 3SE, 4SW, and 4SE). Additionally, two soil samples were collected from beneath the dispenser island (DI-1 and DI-2), and two soil samples were collected from beneath the fuel line piping (FL-1 and FL-2). Soil sample locations are shown on **Figure 3**.

Soil samples were collected from each UST investigation by bringing soil to the surface using a backhoe and collecting the samples from the backhoe bucket. Soil samples were collected in pre-cleaned stainless-steel sample liners. Following collection, the ends of each liner were covered with Teflon sheets, capped with polyethylene lids, and sealed with duct tape. Soil samples were then labeled and immediately placed in an ice cooled, insulated chest. Soil samples were delivered under chain of custody protocol to Accutest Laboratories, a State of California certified laboratory located in San Jose, California. The soil samples were analyzed for TPHg, BTEX, and MTBE by EPA Method 8260B, and for total lead by EPA Method 6010B. A copy of the certified laboratory analytical report is presented in **Attachment F**.

SUMMARY OF ANALYTICAL RESULTS

Soil analytical results are summarized in **Table 1** and shown on **Figure 4**. The constituent concentrations are also compared to the environmental screening limits (ESLs) for shallow soil on commercial land use sites where groundwater is not a current or potential source of drinking water (Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table B; California Regional Water Quality Control Board San Francisco Region, May 2008). Constituent concentrations were observed to be the highest in the vicinity of UST#1 and UST#2, with lower concentrations in the vicinity of UST#3 and UST#4. A summary of analytical results follows:

- TPHg was detected in 13 of 18 soil samples. Four detections were greater than the ESL of 180 mg/kg, with a maximum detected concentration of 1,990 milligrams per kilogram (mg/kg) in sample 1A.
- Benzene was detected in one of 18 soil samples at a concentration less than the ESL.
- Toluene was detected in three of 18 soil samples at concentrations less than the ESL.

- Ethylbenzene was detected in 10 of 18 soil samples. Two detections were greater than the ESL of 4.7 mg/kg, with a maximum detected concentration of 46.2 mg/kg in sample 1A.
- Total xylenes were detected in nine of 18 soil samples. Two detections were greater than the ESL of 11 mg/kg, with a maximum detected concentration of 159 mg/kg in sample 1A.
- MTBE was detected in two of 18 soil samples at concentrations less than the ESL.
- Total lead was detected in 18 of 18 soil samples at concentrations less than the ESL of 750 mg/kg. The maximum detected concentration was 71.2 mg/kg in sample 1A.

Soil analytical results are presented in **Table 1**, and are shown on **Figure 4**. A copy of the laboratory analytical report is included as **Attachment F**.

EXCAVATION BACKFILL

The excavations were backfilled and compacted using approximately 140 yd^3 of clean imported soil. The imported soil was a loamy sand material, consisting of approximately 85% fine to medium grained sand, and 15% silt and clay. Imported material was used to backfill the excavation of UST#1 and UST#2, and clean overburden was combined with imported material to backfill the excavations of UST#3 and UST#4. Backfilling was performed by placing 12 to 18 inches of material into the excavations, and then compacting the material using a backhoe with a wheel compactor attachment. Excavations were backfilled to match the existing grade. The property was left vacant for future redevelopment.

WASTE CHARACTERIZATION AND DISPOSAL

A concrete chip sample was collected from an area of stained concrete in the former auto service garage, and was analyzed for TPHg and BTEX by EPA Method 8260, CAM 17 metals by EPA Method 6010B, and PCBs by EPA Method 8082. Additionally, toxicity characteristic leaching procedure (TCLP) and STLC analyses were performed due to elevated concentrations of lead. A copy of the laboratory analytical report for characterization of stained concrete is included in **Attachment E**. Approximately 8.5 tons (6 yd^3) of stained concrete were transported for disposal at Clean Harbors Buttonwillow, a Class I landfill located near Buttonwillow, California. A copy of the waste disposal manifest for stained concrete is included in **Attachment A**.

Fluids found in the USTs prior to removal, and rinsate water that was generated during triple-rinsing, were removed from the site and disposed of as hazardous waste. Approximately 625 gallons of fluids were transported to US Ecology Nevada, a landfill located near Beatty, Nevada, for disposal. To coordinate with other trucking activities, approximately 780 gallons of fluids were transported to Safety Kleen Systems, a disposal facility located in Denton, Texas, for disposal. Copies of the waste disposal manifests for fluids are included in **Attachment A**.

USTs were all rendered non-reusable prior to their disposal. The four USTs and associated product piping were taken to Ecology Control Industries, a landfill located in Richmond, California, and disposed of as hazardous waste. Copies of UST destruction and disposal documentation are included in **Attachment C**.

SUMMARY

Sierra West conducted building demolition and removal of the USTs pursuant to the Oakland Fire Department's Notice to Comply dated May 19, 2010 for Permit Number 20-2178. During excavation, contaminated soils were encountered and removed. The excavations remained dry throughout the project. Residual constituent concentrations in soil were relatively low as ESLs were exceeded in only 4 of 18 soil samples tested.

Sierra West appreciates this opportunity to work with the Oakland Fire Department. If you have any questions, please contact Jeff Bensch at 916-863-3220.

Sincerely,
Sierra West Consultants, Inc.

REGISTERED PROFESSIONAL ENGINEER
JEFFREY C. BENSCH
No. C043803
Exp 6/30/13
CIVIL
STATE OF CALIFORNIA

Jeffrey C. Bensch, P.E.
Principal Engineer

Brian Whalen
Project Geologist

Cc: Mary Wright
James Balsley
Tivonna Stern, City of Oakland
Marisa Rodarte, OSCF

Figures:
- Figure 1 – Site Location Map
- Figure 2 – Site Plan
- Figure 3 – Excavation and Sample Locations
- Figure 4 – Soil Contaminant Concentrations

Tables:
- Table 1 – Summary of Soil Analytical Results

Attachments:
- Attachment A – Waste Disposal Manifests
- Attachment B – Photographs
- Attachment C – Recycling and Disposal Documentation
- Attachment D – UST Destruction and Disposal Documentation
- Attachment E – Laboratory Analytical Reports – Waste Characterization Samples
- Attachment F – Certified Laboratory Analytical Report – Soil Samples

FIGURES

REFERENCE: GOOGLE MAPS

N

TITLE:

SITE LOCATION MAP

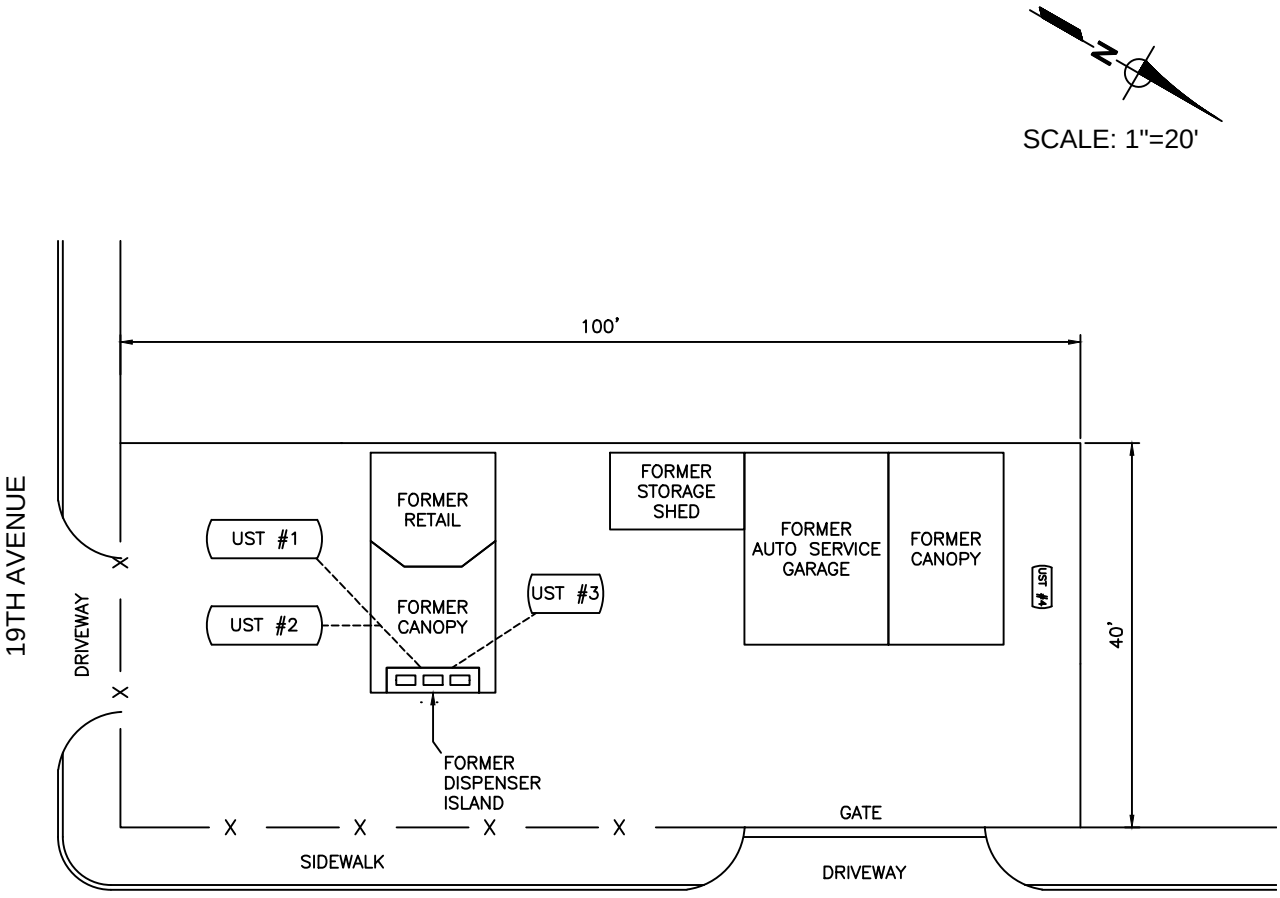
LOCATION:

1839 Foothill Blvd., Oakland, CA 94606

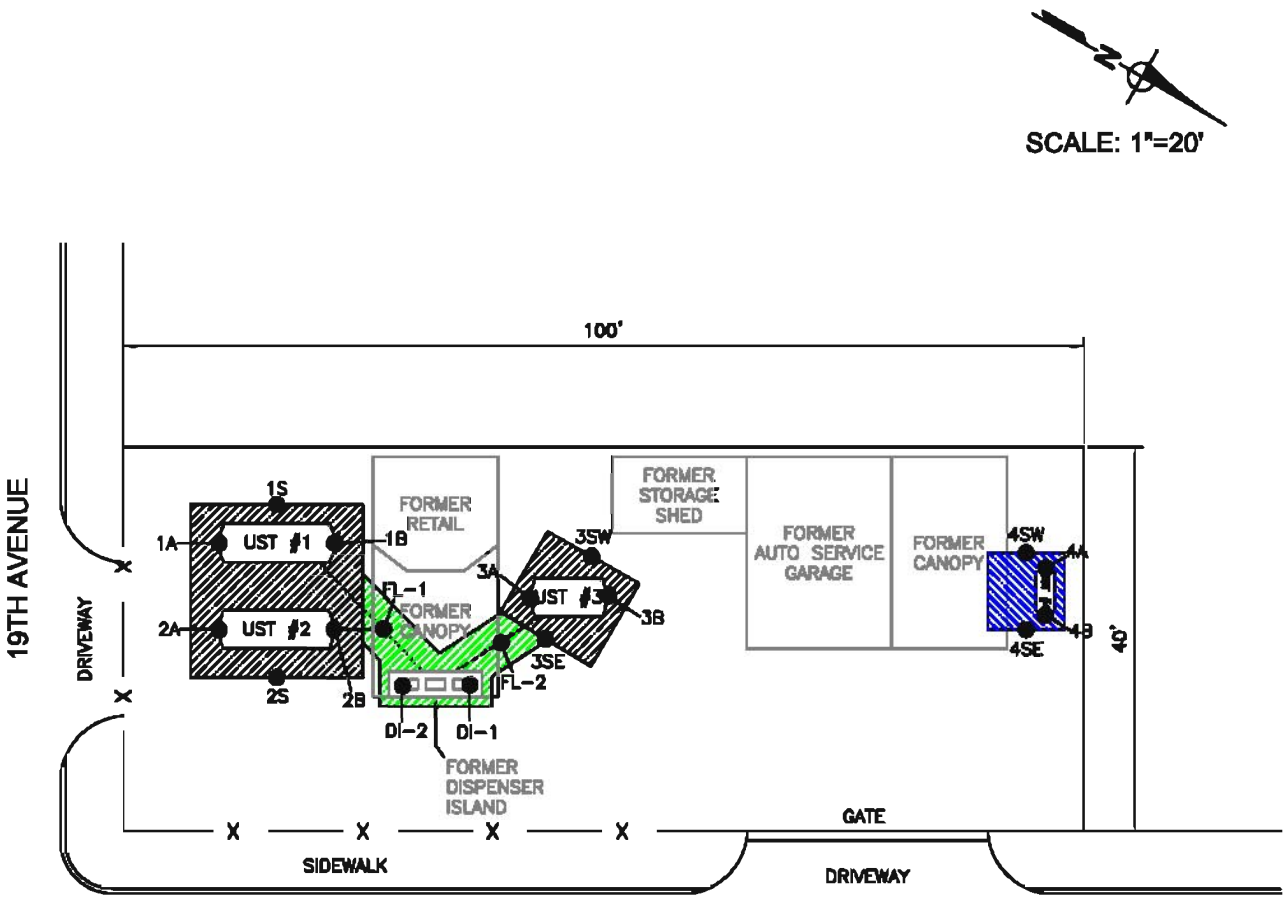
SIERRA WEST CONSULTANTS, INC.

FIGURE:

1



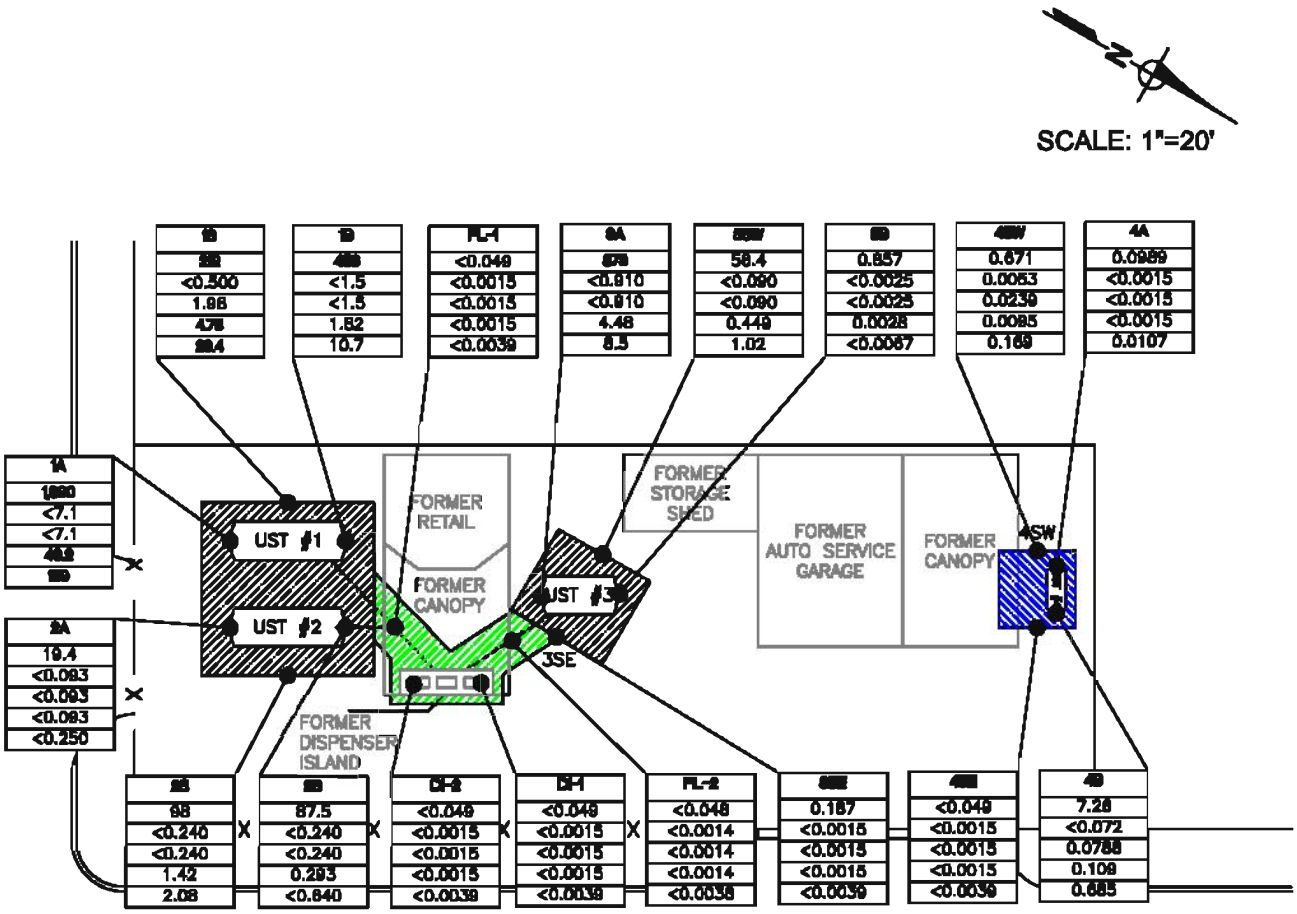
TITLE:	SITE PLAN
LOCATION:	1839 Foothill Blvd., Oakland, CA 94606
SIERRA WEST CONSULTANTS, INC.	FIGURE: 2



LEGEND:

- SOIL SAMPLE
- EXCAVATION TO 13' BGS
- EXCAVATION TO 5' BGS
- EXCAVATION TO 6.5' BGS

TITLE: Excavation and Sample Locations	
LOCATION: 1839 Foothill Boulevard, Oakland, CA	
SIERRA WEST CONSULTANTS, INC.	FIGURE: 3



FOOTHILL BOULEVARD

LEGEND:

- SOIL SAMPLE
- EXCAVATION TO 13' BGS
- EXCAVATION TO 5' BGS
- EXCAVATION TO 6.5' BGS

Sample ID
TPHg
Benzene
Toluene
EthylBenzene
Xylenes

Notes:
- Concentrations in milligrams per kilogram
- Concentrations exceeding Environmental screening Limits presented in bold

TITLE: Soil Sample Concentration Map

LOCATION: 1839 Foothill Boulevard, Oakland, CA

SIERRA WEST CONSULTANTS, INC.

FIGURE: 4

TABLES

Table 1
Summary of Soil Analytical Results
Former F&M Auto Service Station
1839 Foothill Boulevard
Oakland, California

Sample ID	Date Collected	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Total Lead (mg/kg)
Samples from UST#1 and UST#2 excavation								
1A	4/6/2011	**1,990**	<7.1	<7.1	**46.2**	**159**	<4.8	71.2
1B	4/6/2011	**456**	<1.5	<1.5	1.82 (1)	10.7	<0.970	28.8
1S	4/7/2011	**212**	<0.500	1.98	**4.78**	**23.4**	<0.330	7.1
2A	4/6/2011	19.4	<0.093	<0.093	<0.093	<0.250	<0.062	4.5
2B	4/6/2011	87.5	<0.240	<0.240	0.293 (1)	<0.640	<0.160	12.0
2S	4/7/2011	98	<0.240	<0.240	1.42	2.08	<0.160	6.9
Samples from UST#3 excavation								
3A	4/7/2011	**378**	<0.910	<0.910	4.48	8.5	<0.610	9.3
3B	4/7/2011	0.857	<0.0025	<0.0025	0.0028 (1)	<0.0067	0.0154	6.3
3SE	4/7/2011	0.187	<0.0015	<0.0015	<0.0015	<0.0039	0.0156	3.7
3SW	4/7/2011	56.4	<0.090	<0.090	0.449	1.02	<0.060	6.4
Samples from UST#4 excavation								
4A	4/6/2011	0.0989 (1)	<0.0015	<0.0015	<0.0015	0.0107	<0.00099	8.2
4B	4/6/2011	7.26	<0.072	0.0788 (1)	0.109 (1)	0.685	<0.048	37.5
4SE	4/6/2011	<0.049	<0.0015	<0.0015	<0.0015	<0.0039	<0.00097	13.7
4SW	4/6/2011	0.671	0.0053	0.0239	0.0095	0.169	<0.00097	40.1
Samples from bottom of fuel line excavation								
FL-1	4/7/2011	<0.049	<0.0015	<0.0015	<0.0015	<0.0039	<0.00098	17.0
FL-2	4/7/2011	<0.048	<0.0014	<0.0014	<0.0014	<0.0038	<0.00096	5.0
Soil samples from bottom of dispenser island excavation								
DI-1	4/7/2011	<0.049	<0.0015	<0.0015	<0.0015	<0.0039	<0.00098	18.1
DI-2	4/7/2011	<0.049	<0.0015	<0.0015	<0.0015	<0.0039	<0.00099	7.6
Environmental Screening Limits (2)		**180**	**0.27**	**9.3**	**4.7**	**11**	**8.4**	**750**

Notes and Definitions:

(1) = Laboratory J-Flag below reporting limit/Estimated Value
(2) = Environmental Screening Limits referenced from *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Table B (*California Regional Water Quality Control Board San Francisco Bay Region, May 2008), for shallow soils on commercial land use sites where groundwater is not a current or potential source of drinking water

TPHg = Total petroleum hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
(mg/kg) = milligrams per kilogram

*Values Presented in bold letters are above pertinent Environmental Screening Limits

ATTACHMENT A

WASTE DISPOSAL MANIFESTS

BILL OF LADING/MANIFEST

1. Shipper's US EPA ID No. (If Applicable)

Document No. 74904

2. Page 1 of 1

3. Shipper's Name and Mailing Address
CAL000361631
ELEMENT 26
1839 FOOTHILL BLVD
OAKLAND CA 94606-4637

4. Shipper's Phone ( ) [illegible]16-496-1859

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	**B. Transporter's Phone**
[illegible] SYSTEMS, INC.	TXR[illegible]	[illegible]-265-2000
9. Designated Facility Name and Site Address	**10. US EPA ID Number**	**C. Facility's Phone**
7401 SAFETY-KLEEN SYSTEMS, INC. 1722 COOPER CREEK ROAD DENTON, TX 76208	TXD077603371	940-483-5200

	HM	11. Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.		RESIDUE: LAST CONTAINED NON REGULATED LIQUID (OIL)	002	DM	00200	P
b.						
c.						
d.						

15. Special Handling Instruction and Additional Information

SK SHIP# 203723244 10061805

24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTH'D TO USE SUBSEQUENT CARRIERS:41078,41471,81681,82739,85399

DOT/PRFL A. 1617/150169 B. C. D.

A) OUTS3081 B) C) D)

USE 16A OR 16B

16a. US DOT HAZARDOUS MATERIALS SHIPPER'S CERTIFICATION: "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation."

Printed/Typed Name | **Signature required here if US DOT regulated** | Month Day Year

16b. NON-REGULATED SHIPPER'S CERTIFICATION: I certify the materials described above on this form are not subject to federal regulations for Transportation or Disposal.

Printed/Typed Name: Asra Lieth | **Sign here if material is not DOT regulated** | Month 04 Day 07 Year 11

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DAVID ECKLER | Signature | Month 04 Day 07 Year 11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of materials covered by this form except as noted in Item 19.

Printed/Typed Name | Signature | Month Day Year

24 HR EMERGENCY #
800-468-1760(SAFETY-KLEEN-94138)

GENERATOR'S COPY

FORM NO. 01-90291 (11/09)

7140

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: CAL000361631	2. Page 1 of 1	3. Emergency Response Phone: 1-800-468-1760	4. Manifest Tracking Number: 002603608 SKS

GENERATOR

5. Generator's Name and Mailing Address
ELEMENT 26
1839 FOOTHILL BLVD
OAKLAND CA 94606-4637
Generator's Phone: 916-496-1859

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050930

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

8. Designated Facility Name and Site Address: US ECOLOGY NEVADA, 11 MILES S OF BEATTY HWY 95, BEATTY, NV 89003 — U.S. EPA ID Number: NVT330010000
Facility's Phone: 800-239-3943

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
X	1. HAZARDOUS WASTE, SOLID, N.O.S. (LEAD, CHROMIUM) 9 NA3077 PG III	1	DM	200	P	D005 D007 D006 D008 181
	2. NON RCRA HAZARDOUS WASTE LIQUIDS (USED OIL AND WATER)	2	TP	4566	P	223
	3.					
	4.					

14. Special Handling Instructions and Additional Information
SK SHIP#203715609 10061805 CSG;
1)ERG#171;
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY

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	Signature	Month	Day	Year
Aaron Lynch	[illegible]	[illegible]	04	[illegible]

INT'L

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

	Printed/Typed Name	Signature	Month	Day	Year
Transporter 1	[illegible]	[illegible]	[illegible]	04	[illegible]
Transporter 2					

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. **GENERATOR'S INITIAL COPY**

1)400708/12193 2)699568/12295

7140

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: CAL000361631
2. Page 1 of
3. Emergency Response Phone
4. Manifest Tracking Number: 002603620 SKS

GENERATOR

5. Generator's Name and Mailing Address
ELEMENT 26
1839 FOOTHILL BLVD
OAKLAND CA 94606-4637
Generator's Phone: 916-496-1859

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
U.S. EPA ID Number: TXR000050930

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

8. Designated Facility Name and Site Address: US ECOLOGY NEVADA
11 MILES S OF BEATTY HWY 95
BEATTY , NV 89003
Facility's Phone: 800-239-3943
U.S. EPA ID Number: NVT330010000

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 LIQUIDS (ABSORBENT AND OIL)	1	CF	500	P	223
	2. NON RCRA HAZARDOUS WASTE LIQUID	2	DM	600		223
	3.					
	4.					

14. Special Handling Instructions and Additional Information
SK SHIP#203723199 53773652 10051905 CSO:
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTHORIZED TO RETAIN LICENSED SUBSEQUENT CARRIERS AS NECESSARY

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: Ray Leathe
Signature
Month: 04 Day: 07 Year: 11

INT'L

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: DAVID FOWLER
Signature
Month: 04 Day: 07 Year: 11

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.

GENERATOR'S INITIAL COPY

7140

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
CAL000361631	1	1-800-468-1760	002603607 SKS

5. Generator's Name and Mailing Address
ELEMENT 26
1839 FOOTHILL BLVD
OAKLAND CA 94606-4637
Generator's Phone: 916-496-1859

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC. — U.S. EPA ID Number: TXR000050930

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

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC.
1722 COOPER CREEK ROAD
DENTON, TX 76208
Facility's Phone: 940-483-5200
U.S. EPA ID Number: TXD077603371

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
X	1. RQ WASTE GASOLINE 3 UN1203 PGII (D001,D018)	2	DM / TP	4566	P	D008 D018 D001 212 OUTS H111
X	2. RQ UN1263 WASTE PAINT RELATED MATERIALS 3 PG II (D001)	2	DM / DF	500	P	F003 F005 D001 D035 212 OUTS H141
	3.					
	4.					

14. Special Handling Instructions and Additional Information: SK SHIP#203715561 10081805 CSS:
1)ERG#128;2)ERG#128;
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTH'D TO USE SUBSEQUENT CARRIERS:41078,41471,81681,82739,85399

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 | Signature | Month Day Year

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name | Signature | Month Day Year
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 | Signature | Month Day Year

GENERATOR — TRANSPORTER — INT'L — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. **GENERATOR'S INITIAL COPY**

1)400203712098 2)400080712267

7140

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: CAL000361631
2. Page 1 of
3. Emergency Response Phone: 1-800-468-1760
4. Manifest Tracking Number: 002603619 SKS

GENERATOR

5. Generator's Name and Mailing Address
ELEMENT 26
1839 FOOTHILL BLVD
OAKLAND CA 94606-4637
Generator's Phone: 916-496-1859

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS, INC.
U.S. EPA ID Number: TXR000050930

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

8. Designated Facility Name and Site Address: SAFETY-KLEEN SYSTEMS, INC.
1722 COOPER CREEK ROAD
DENTON, TX 76208
Facility's Phone: 940-483-5200
U.S. EPA ID Number: TXD077603371

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 LIQUIDS (LUBRICATING OIL AND WATER)	1	~~DM~~ TP	1200	P	223	OUTS 2051	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
SK SHIP#203723170 53773652 10061805 CSG:
24 HR EMERGENCY #1-800-468-1760 (SAFETY-KLEEN - CONTRACT #94138)
SK AUTH'D TO USE SUBSEQUENT CARRIERS:41078,41471,81681,82739,85399

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 | Signature | Month 04 | Day 07 | Year 11

INT'L

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: DAVID ECKLER | Signature | Month 04 | Day 07 | Year 11

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

NON-HAZARDOUS WASTE DATA FORM

L and D Landfill Limited Partnership
8635 Fruitridge Road
Sacramento, California 95826

TO BE COMPLETED BY GENERATOR

Manifest Document Number № 5718

Generator's Name WRIGHT MARY L HEIRS OF ESTATE

Mailing Address 1829 9TH AVE

City, State, Zip OAKLAND, CA 94605 Phone No. (510) 891-1295

Waste Delivered In:

☐ Tank Truck ☐ Dump Truck ☐ Roll Off Bin ☐ Barrels/ Cartons ☒ Other P/U

Containers: No. _____ Volume (cy) and/or Weight (tons) _____

Waste Description:

1. NF ASB ROOF MASTIC 2. _____

3. _____ 4. _____

Properties: pH ____ ☒ Solid ☐ Liquid ☐ Sludge ☐ Slurry ☐ Other _____

Waste Site Location Including Address: 1839 FOOTHILL BLVD
OAKLAND, CA 94606

Contractor's Name and Address (If Different than Generator) ELEMENT 26 CONTRACTING
3480 SUNRISE BLVD, STE 250, RANCHO CORDOVA, CA 95742

Special Handling Instructions WEAR PROPER PPE

Generator Certification: I certify the materials described above on this manifest are not subject to federal, state or local regulations for reporting proper disposal of Hazardous Waste.

AGENT JOSHUA BRYANT — Generator Printed Full Name

Signature

6 APR — Date

TRANSPORTATION

Transporter's Acknowledgement of Receipt of Waste

Company Name ELEMENT 26 CONTRACTING Service Order No. _____

Address 3480 SUNRISE BLVD, STE 250 Pick Up Date 6 APR

City, State, Zip RANCHO CORDOVA, CA 95742 Phone No. 916.295.1130

STEVE McGUIRE — Driver Printed Full Name

Signature

12 APR — Date

Truck, Unit, ID No. E26-1

TSD FACILITY

L and D Landfill Limited Partnership
8635 Fruitridge Road
Sacramento, California 95826
(916) 383-9420

L and D Ticket No. 637734

Weight (tons) 0.35

Ricardo Jimenez — Weighmaster Signature

4/12/11 — Date

L and D Landfill Certification: L and D Landfill Limited Partnership certifies the above described load, the weight of which is noted, was received and disposed on the date indicated, but makes no certification as to the specific properties of the waste delivered.

White – TSD Copy Yellow – Generator Copy Pink – Transporter Copy

#67 UP1979

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		707-548-5859	1001

GENERATOR

5. Generator's Name and Mailing Address
F&M Auto Service UST Site

Generator's Site Address (if different than mailing address)
F&M Auto Service UST Site
1839 Foothills Blvd., Oakland CA 946

Generator's Phone:

6. Transporter 1 Company Name: J.J Perez Trucking inc — U.S. EPA ID Number: CAL000154476

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

8. Designated Facility Name and Site Address
Recology Hay Road
6426 Hay Road
Vacaville, CA 95687 (707) 678-4718
U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Class II Non-Hazardous Soil	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval Number: 4983 — Wear Appropiate PPE when handling material.

14. **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.

Generator's/Offeror's Printed/Typed Name: Steve McGuire — Signature — Month: 5 — Day: 27 — Year: 11

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Juan Jose Perez — Signature — Month: 5 — Day: 27 — Year: 11

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		707-548-5859	[illegible]

5. Generator's Name and Mailing Address
F&M Auto Service UST Site

Generator's Site Address (if different than mailing address)
F&M Auto Service UST Site
1839 Foothills Blvd., Oakland CA 946

Generator's Phone:

6. Transporter 1 Company Name: Andrade Trucking — U.S. EPA ID Number: CAR000163261

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

8. Designated Facility Name and Site Address
Recology Hay Road
6426 Hay Road
Vacaville, CA 95687 (707) 678-4718

U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Class II Non-Hazardous Soil	001	DT	18	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval Number: 4983 — Wear Appropiate PPE when handling material.

9D59389

14. 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.

Generator's/Offeror's Printed/Typed Name: Steve McGuire Agent — Signature — Month: 5 — Day: 27 — Year: 11

INT'L

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

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Andrade — Signature — Month: 5 — Day: 27 — Year: 11

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		707-548-5859	[illegible]803

GENERATOR

5. Generator's Name and Mailing Address: F&M Auto Service UST Site

Generator's Site Address (if different than mailing address): F&M Auto Service UST Site, 1839 Foothills Blvd., Oakland CA 946

Generator's Phone:

6. Transporter 1 Company Name: Yeti Tra[illegible] — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address: Recology Hay Road, 6426 Hay Road, Vacaville, CA 95687 (707) 678-4715 — U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Class II Non-Hazardous Soil	001	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval Number: 4983 — Wear Appropiate PPE when handling material.

14. **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.

Generator's/Offeror's Printed/Typed Name: Steve M. Gu[illegible] — Signature — Month: 5 — Day: 27 — Year: 11

INT'L

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

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Edwa[illegible] Yeti[illegible] — Signature — Month — Day — Year

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

169-BLC-O 5 11977 (Rev. 9/09)

GENERATOR'S/SHIPPER'S INITIAL COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N/A		707-548-5859	1604

GENERATOR

5. Generator's Name and Mailing Address: F&M Auto Service UST Site

Generator's Site Address (if different than mailing address): F&M Auto Service UST Site, 1839 Foothills Blvd., Oakland CA 946

Generator's Phone:

6. Transporter 1 Company Name: Andrade Trucking — U.S. EPA ID Number: CAR000163261

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

8. Designated Facility Name and Site Address: Recology Hay Road, 6426 Hay Road, Vacaville, CA 95687 (707) 678-4715 — U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Class II Non-Hazardous Soil	001	DT	18	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

Approval Number: 4985 — Wear Appropiate PPE when handling material.

9059389

14. **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.

Generator's/Offeror's Printed/Typed Name: Steve McGuire Agent — Signature — Month: 5 — Day: 27 — Year: 11

INT'L

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

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Andrade — Signature — Month: 5 — Day: 27 — Year: 11

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

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

GENERATOR'S/SHIPPER'S INITIAL COPY

#67 UP19291

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number N/A	2. Page 1 of	3. Emergency Response Phone 707-548-5859	4. Waste Tracking Number B605

5. Generator's Name and Mailing Address
F&M Auto Service UST Site

Generator's Site Address (if different than mailing address)
F&M Auto Service UST Site
1839 Foothills Blvd., Oakland CA 946

Generator's Phone:

6. Transporter 1 Company Name: D J Perez Trucking Inc — U.S. EPA ID Number: CAL000154476

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

8. Designated Facility Name and Site Address
Recology Hay Road
6426 Hay Road
Vacaville, CA 95687 (707) 678-4718

U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Class II Non-Hazardous Soil	001	DT	18	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

Approval Number: 4983 — Wear Appropiate PPE when handling material.

14. **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.

Generator's/Offeror's Printed/Typed Name: Steve McGuire — Signature: [signature] — Month 5 Day 27 Year 11

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

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dian Jose Perez — Signature: [signature] — Month 5 Day 27 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name — Signature — Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

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
CAL000361631		707-548-5859	008446505 JJK

GENERATOR

5. Generator's Name and Mailing Address: F&M Auto Service UST Site

Generator's Site Address (if different than mailing address): F&M Auto Service UST Site, 1839 Foothills Blvd., Oakland CA 94606

Generator's Phone:

6. Transporter 1 Company Name: Oro 2 co Trucking — U.S. EPA ID Number: CAR000176735

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

8. Designated Facility Name and Site Address: Clean Harbors Buttonwillow, 2500 West Lokern Road, Buttonwillow, CA 93206 — U.S. EPA ID Number: CAD980673276

Facility's Phone: (661) 762-6200

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. None, Non-RCRA Hazdous Waste Solids (Lead) N/A	001	DT	18	T	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

Approval Number: CH4981108 sales# — Wear Appropiate PPE when handling material.

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: Steve McGuire Agent — Signature — Month: 5 — Day: 27 — Year: 11

INT'L

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: Leopoldo Orozco — Signature — Month: 5 — Day: 27 — Year: 11

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.

GENERATOR'S INITIAL COPY

Posted Weight Tags by Job Number

Date Range 2011/05/24,2011/05/29

DATE	ACCT #	ACCOUNT NAME	COMM	JOB #	Tons	WT #	TRUCK #	CITY OF ORIGIN
20110527	58545	BTI ENVIRONMENTAL	SOILV	4983	26.58	1005844	3484	OAKLAND
20110527			SOILV		25.97	1005855	5029	OAKLAND
20110527			SOILV		26.55	1006003	2484	OAKLAND
20110527			SOILV		24.96	1006032	5029	OAKLAND
20110527			SOILV		25.27	1006033	3869	OAKLAND
			Total Tons		129.33			

Grand Total Tons **129.33**

1 load
to Buttonwillow
Leo Ortiz

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
CAL000361631		707-548-5859	008446505 JJK

GENERATOR

5. Generator's Name and Mailing Address
F&M Auto Service UST Site

Generator's Site Address (if different than mailing address)
F&M Auto Service UST Site
1839 Foothills Blvd., Oakland CA 94606

Generator's Phone:

6. Transporter 1 Company Name
Orozco Trucking

U.S. EPA ID Number
CAR000176775

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow
2300 West Lokern Road
Buttonwillow, CA 93206

U.S. EPA ID Number
CAD980675276

Facility's Phone: (661) 762-6200

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. None, Non-RCRA Hazardous Waste Solids (Lead) N/A.	001	DT	18	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
9E3463 TRK# P6
Approval Number: CH4981108 sales#
Wear Appropiate PPE when handling material.

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: Steve McGuire Agent | Signature | Month: 5 | Day: 27 | Year: 11

INT'L

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	Signature	Month	Day	Year
Leopoldo Orozco	Leopoldo Orozco	5	27	11
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.
H132			

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
		05	27	11

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

TRANSPORTER'S COPY

II. Instructions for International Shipment Block

Item 16. International Shipments

For export shipments, the primary exporter must check the export box, and enter the point of exit (city and state) from the United States. For import shipments, the importer must check the import box and enter the point of entry (city and state) into the United States. For exports, the transporter must sign and date the manifest to indicate the day the shipment left the United States. Transporters of hazardous waste shipments must deliver a copy of the manifest to the U.S. Customs when exporting the waste across U.S. borders.

III. Instructions for Transporters

Item 17. Transporters' Acknowledgments of Receipt

Enter the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt. Only one signature per transportation company is required. Signatures are not required to track the movement of wastes in and out of transfer facilities, unless there is a change of custody between transporters.

If applicable, enter the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Note: Transporters carrying imports, who are acting as importers, may have responsibilities to enter information in the International Shipments Block. Transporters carrying exports may also have responsibilities to enter information in the International Shipments Block. See above instructions for Item 16.

NO. 212012

CLEANHARBORS BUTTONWILLOW, LLC
WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agiculture.

WEIGHMASTER CLEANHARBORS BUTTONWILLOW, LLC

1:28 pm 05/27/11
REG. (60)
INBOUND 47160 lb

4:47 pm 05/27/11

REG. (60)
47160 lb GROSS
30100 lb TARE
17060 lb NET

PROFILE NO. CH498110B	GROSS WT. BY: [signature] DEPUTY / DATE 05-27-11
DISPOSAL LOCATION 55 2-19 U-12	TARE WT. BY: [signature] DEPUTY / DATE 05-27-11
DRIVER'S NAME PRINTED Leopoldo Orozco	WEIGHING LOCATION: 2500 W. LOKERN ROAD BUTTONWILLOW, CA 93206
DRIVER'S NAME SIGNATURE Leopoldo Orozco	GENERATOR F & M Auto Service UST site
TRACTOR NO. P6	TRANSPORTER Orozco Tkg.
TRACTOR LIC. NO. 9E34024	MANIFEST NO. 008446505 JJK
TRAILER LIC. NO.	SERVICE ORDER NO. 7U353942
BIN NUMBERS:	BIN TRACKING

☑ END DUMP ☐ TRANSFER ☐ VACUUM ☐ VAN
☐ ROLL OFF - ___ ☐ FLAT BED ☐ ___

VIS	pH	SUL	CYA	OX	FL	FLASH	20%	Soil / Removal
+	7.62	–	–	–	N	X/		
OTHER:								

IC	CR	PR	B.W. W.B.	LAB	SOLID BULK	WORK SHEET	LAND TRACK	W.T. SCAN	MAN-SCAN	RE-SCAN

DRUM NUMBER:

COMMENTS:

Ltrs/Doc

BIN DROP FULL:

MOVE BIN TO: DATE: BY:

REVISED (3/10)

ATTACHMENT B

PHOTOGRAPHS

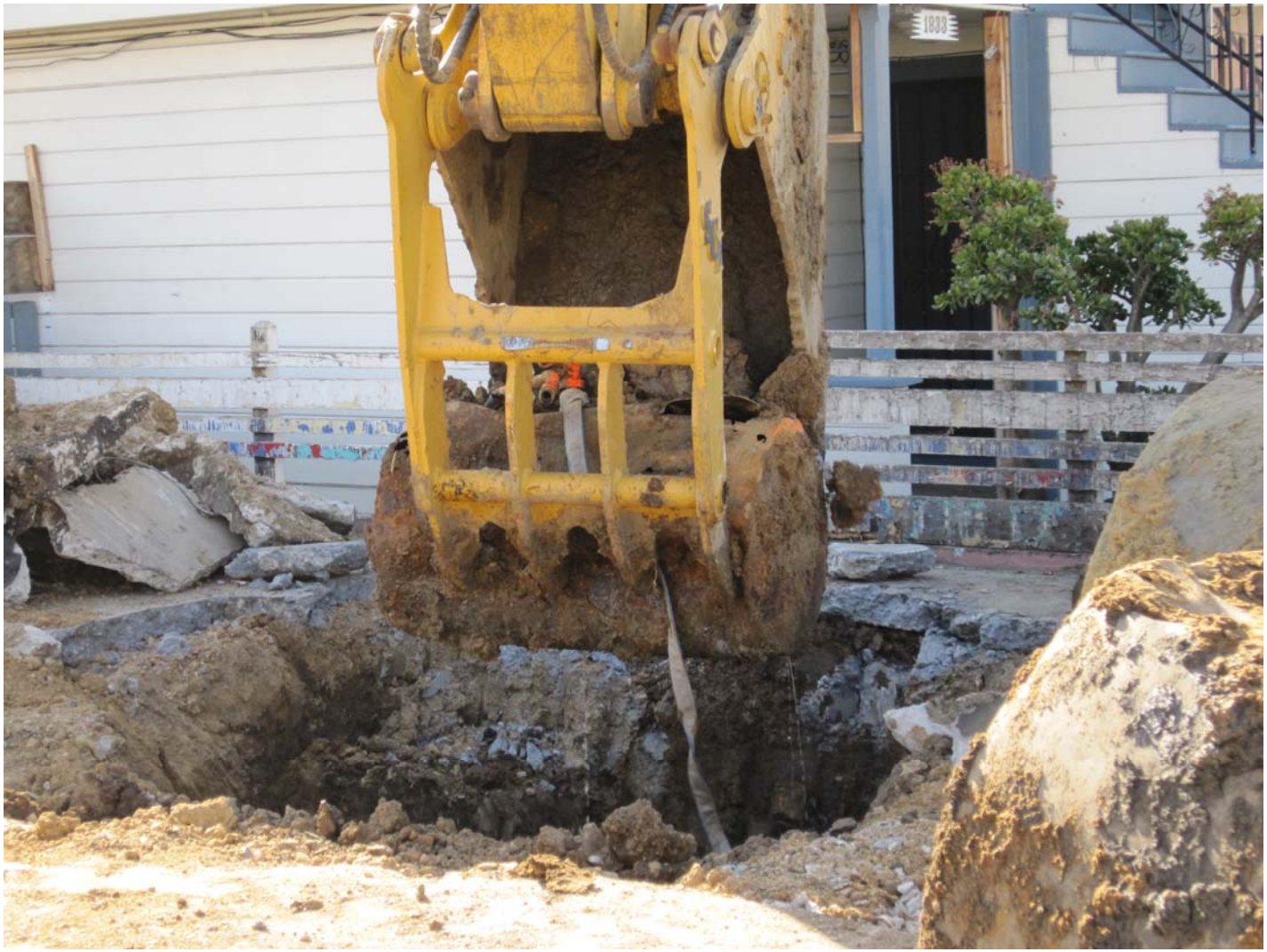
Abatement of Lead Based Paint Prior to Building Demolition

Demolition of Former Retail Building and Canopy

Demolition of Former Auto Service Garage and Canopy

Excavation and Removal of UST#1 and UST#2

Removal of UST#3 and Drainage of Leftover Rinsate Water



Removal of UST#4

Backfill and Compaction of Excavations

Site Surface Following Removal of Soil Stockpiles

ATTACHMENT C

RECYCLING AND DISPOSAL DOCUMENTATION

Debris

11-012

KIEFER LANDFILL FACILITY
HOURS: MON-FRI 6:30 AM-4:30 PM
SAT-SUN 8:30 AM-4:30 PM
INFORMATION: 916-875-5555

Weighed: Read, Susan (MSA)
Deposit: Read, Susan (MSA)
BILL TO: 22580
ELEMENT 26 CONTRACTING
3480 SUNRISE BLVD STE 250
RANCHO CORDOVA CA 95742

HAULER: CASH CUSTOMER
Vehicle ID:
Reference: VERGARA
Grid: M-1L

Origin: SACRAMENTO, COUNTY OF
DATE IN: 04/01/2011 TIME IN: 07:46:18
DATE OUT: 04/01/2011 TIME OUT: 08:25:54

INBOUND TICKET Number: 02-11020495

SCALE 1 GROSS WT.	49980	LB
SCALE 2 TARE WT.	38020	LB
NET WEIGHT	11960	LB

Qty	Description	Amount
5.980	Normal Refuse	179.40

NET CHARGE AMOUNT: ✓ 179.40

POSTED
51202

X _____

20100

Ticket # TASXIQ

** TICKET REPRINT on 04/04/11 **

PURCHASE TICKET

METAL

Schnitzer Steel - Oakland
1101 Embarcadero West
Oakland CA 94607 US
510-444-3919

Control Number - 21: 21 5882

Ticket # TASXIQ
Vehicle ID: P

Ship Date: 03/31/11

Vehicle No: TK TASXIQ

Purchased From: ELEM00
ELEMENT 26 CONTRACTING
c/o ELEMENT 26
3480 SUNRISE BLVD #250
RANCHO CORDOVA, CA 95742

License/ID No: N

Order # 8288-01
Carrier: PROSYY - PRO S.E. SERVICES/FR

Itm	Shpmnt	Material	Pounds Gross	Tare	Net	Adj	Pd Wt
1.	108587	#1 & #2 HMS UNPREPARE	47080a	36660b	10420	0	10420
Totals					10420	0	10420

Gross Wght Date/Time 03/31/11 13:30
Tare Wght Date/Time 03/31/11 13:48

GROSS TONS
4.6518

Material Summary

Oakland tank pull

metal

Ticket # TASWRA

PURCHASE TICKET

Schnitzer Steel - Oakland
1101 Embarcadero West
Oakland, CA 94607 US

Control Number - 21: 21 5866
Date: 03/31/11
Ship Date: 03/31/11

Ticket # TASWRA
Vehicle ID: 9C34680

Vehicle No: TK TASWRA

Purchased From: CP021P
ELEMENT 26

License/ID No: N

Itm	Shpmnt	Material	Gross (Pounds)	Tare (Pounds)	Net (Pounds)	Adj (Pounds)	Pd Wt (Pounds)
1.	TASWRA	TIN/LIGHT IRON 124-103	46980a	38040b	8940	0	8940
Totals					8940	0	8940

Gross Wght Date/Time 03/31/11 12:25
Tare Wght Date/Time 03/31/11 12:52

GROSS TONS
3.9911

Deputy Signature ____________________
(Hyter Runnels)

Customer Signature ____________________

(All weights are reported in Pounds unless otherwise indicated)
("m" Represents a weight that was manually entered)
(a=Scale 1 b=Scale 2 c=Scale 3 d=Scale 4 m=Manual Weight)

I affirm under penalty of law that the property I am selling in this transaction is not, to the best of my knowledge, stolen property and am the lawful owner and can convey legal title to Purchaser/Payer. I warrant that this material does not contain any hazardous substan as defined by the federal and/or state law, and I agree to indemnify Purchaser/Payer if this is untrue.

DISCLAIMER AND WAIVER OF LIABILITY
Disclaimer and Waiver of Liability for present and future deliverie For mutual consideration the customer and driver acknowledge and assume the risk involved in discharging scrap metal in the yard. Th customer and driver release discharge and hold harmless Schnitzer Steel Industries, its subsidiaries, affiliates, employees and its insurance carrier from any and all liability for damages both to pe and property including but not limited to damage to motor vehicles while driving through the yard or loading or unloading scrap metal the yard in connection with present and future delivery of scrap. any and all liability for damages both to person and property

Concrete

INNER CITY RECYCLING

ICR

OAKLAND, CA 510-568-ROCK

PORTABLE CRUSHING / RECYCLED AGGREGATES

Pd 1/11

RECYCLED AB **PIPE BEDDING** **RECYCLED DRAIN ROCK** **3" MINUS SWPPP ROCK**

DATE 4/1/11 Ticket No. 1

Customer Name Element 26

Sold to Address _____ Ship to Address _____

Gross Weight _____ Vehicle Lic. No. _____

Tare Weight _____ Truck No. GR Trucking

Net Weight _____ Driver's Name (Print) Lance

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy, as proscribed by Chapter 7 (Commencing with Section 12700, of Division 5 of the California Business and Professional Code) administered by the Division of Measurement Standards of the California Department of Agriculture.

Carolina Deputy

Product Code	Product / Service Description	Unit of Measure	Units	Unit Price	Amount	
	Dump Fee	Load			Stock	
dumpm	Oversized Fee	Each	300		390	00
	Debris Fee	Each				
	Steel Fee	Each				
	Plant Overtime	Hours				
	Plant Opening Charge	Each				

Sub-total	300	00
Tax		
Total	300	--

Cash Sale ☒ Check No. _____

On Account Sale ☐

INNER CITY RECYCLING

ICR

OAKLAND, CA 510-568-ROCK

PORTABLE CRUSHING / RECYCLED AGGREGATES

Concrete

RECYCLED AB **PIPE BEDDING** **RECYCLED DRAIN ROCK** **3" MINUS SWPPP ROCK**

DATE 4-1-11 Ticket No. 2

Customer Name Element 2-6

Sold to Address _____ Ship to Address _____

Gross Weight _____ Vehicle Lic. No. _____

Tare Weight _____ Truck No. GR Trucking

Net Weight _____ Driver's Name (Print) LANCE

Weighmaster Certificate

THIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster whose signature is on this certificate who is a recognized authority of accuracy, as proscribed by Chapter 7 (Commencing with Section 12700, of Division 5 of the California Business and Professional Code) administered by the Division of Measurement Standards of the California Department of Agriculture.

_____ Deputy

Product Code	Product / Service Description	Unit of Measure	Units	Unit Price	Amount	
Dump001	Dump Fee	Load	1		25	00
	Oversized Fee	Each				
	Debris Fee	Each				
	Steel Fee	Each				
	Plant Overtime	Hours				
	Plant Opening Charge	Each				

Sub-total	25	00
Tax		
Total	25	00

Cash Sale ☐ Check No. _____

On Account Sale ☐

S 85 425 00

ATTACHMENT D

UST DESTRUCTION AND DISPOSAL DOCUMENTATION

Tuesday April 6th, 2011

To Whom It May Concern:

On April 6th 2011, Safety Kleen performed the following tank cleaning, for Element 26 – 1839 Foothill Blvd, Oakland, CA 94606.

The four underground storage tanks at the above location, had all possible material removed and placed in DOT approved containers. At the completion of the product removal, the tanks were pressure washed to remove all possible contaminates. At the completion of the cleaning, the four tanks were each triple rinsed to insure all possible materials had been removed. It was not possible to enter the tanks, and all rinsing was done from the available access points at the top of the tanks.

Sincerely,

Joe Baker

Joseph Baker
EFS Project Manager

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: CAL000362183
2. Page 1 of
3. Emergency Response Phone: 512-023-5139-3
4. Manifest Tracking Number: 002135833 JJK

GENERATOR

5. Generator's Name and Mailing Address:
WRIGHT MARY L HEIRS OF ESTATE
1829 9TH AVE
OAKLAND, CA 94606
Generator's Phone: 510-831-1305

Generator's Site Address (if different than mailing address):
1839 FOOTHILL BLVD
OAKLAND, CA 94606

6. Transporter 1 Company Name: R. A Hip
U.S. EPA ID Number: CAL000361631

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

8. Designated Facility Name and Site Address:
ECOLOGY CONTROL INDUSTRIES
255 PARR BOULEVARD
RICHMOND, CA 94801
Facility's Phone: 510-235-1393
U.S. EPA ID Number: CAD009466392

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 SOLID (EMPTY STORAGE TANKS)	4	TP	3000	P	~~512~~
	2.			0		
	3.			0		
	4.			0		

14. Special Handling Instructions and Additional Information:
ECI JOB #52T4226 TANK # 34194 34195 34196 34197
WEAR PROPER PPE WHEN HANDLING // WEIGHTS AND VOLUMES ARE APPROXIMATE

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: MARY WRIGHT
Signature: Mary Wright
Month / Day / Year:

INT'L

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: Rodman A. Hip
Signature: Rodman A. Hip
Month / Day / Year: 4 / 6 / 11

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.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard · Richmond, California 94801
Phone # 510-235-1393

CUSTOMER: ELEMENT 26 CONTRACTING **JOB NO:** 52T4226

GENERATOR: WRIGHT MARY L HEIRS OF ESTATE
1839 FOOTHILL BLVD OAKLAND CA 94606

FOR: ECOLOGY CONTROL INDUSTRIES **TANK NO.:** 34194

LOCATION: RICHMOND **DATE:** 04/12/2011

LAST PRODUCT: UNLEADED GAS **TEST METHOD:** VISUAL GASTECH/1314 SMPN

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE : 1000 GALLONS CONDITION: SAFE FOR FIRE

REMARKS:

OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES
HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED
AND THEREFORE, DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED
THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard · Richmond, California 94801
Phone # 510-235-1393

CUSTOMER: ELEMENT 26 CONTRACTING **JOB NO:** 52T4226

GENERATOR: WRIGHT MARY L HEIRS OF ESTATE
1839 FOOTHILL BLVD OAKLAND CA 94606

FOR: ECOLOGY CONTROL INDUSTRIES **TANK NO.:** 34195

LOCATION: RICHMOND **DATE:** 04/08/2011

LAST PRODUCT: USED OIL **TEST METHOD:** VISUAL GASTECH/1314 SMPN

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE : 1000 GALLONS CONDITION: SAFE FOR FIRE

REMARKS:

OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES

HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED

AND THEREFORE, DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED

THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard · Richmond, California 94801
Phone # 510-235-1393

CUSTOMER: ELEMENT 26 CONTRACTING **JOB NO:** 52T4226

GENERATOR: WRIGHT MARY L HEIRS OF ESTATE
1839 FOOTHILL BLVD OAKLAND CA 94606

FOR: ECOLOGY CONTROL INDUSTRIES **TANK NO.:** 34196

LOCATION: RICHMOND **DATE:** 04/12/2011

LAST PRODUCT: LEADED GAS **TEST METHOD:** VISUAL GASTECH/1314 SMPN

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE : 500 GALLONS CONDITION: SAFE FOR FIRE

REMARKS:

OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED AND THEREFORE, DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY. ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Bill Moore — Steve Spence

REPRESENTATIVE TITLE INSPECTOR

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard · Richmond, California 94801
Phone # 510-235-1393

CUSTOMER: ELEMENT 26 CONTRACTING **JOB NO:** 52T4226

GENERATOR: WRIGHT MARY L HEIRS OF ESTATE
1839 FOOTHILL BLVD OAKLAND CA 94606

FOR: ECOLOGY CONTROL INDUSTRIES **TANK NO.:** 34197

LOCATION: RICHMOND **DATE:** 04/12/2011

LAST PRODUCT: USED OIL **TEST METHOD:** VISUAL GASTECH/1314 SMPN

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE : 100 GALLONS CONDITION: SAFE FOR FIRE

REMARKS:

OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED AND THEREFORE, DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY. ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Bill Maaske

REPRESENTATIVE TITLE INSPECTOR

ATTACHMENT E

LABORATORY ANALYTICAL REPORT
WASTE CHARACTERIZATION SAMPLES

Northern California ACCUTEST LABORATORIES

Reissue #1
04/28/11

Technical Report for

Sierra West Consultants, Inc.

F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Accutest Job Number: C15405

Sampling Date: 04/04/11

Report to:

Sierra West Consultants, Inc.

jbensch@sierra-west.net
bwhalen@sierra-west.net
ATTN: Jeff Bensch

Total number of pages in report: **42**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

April 28, 2011

Jeff Bensch
Sierra West Consultants, Inc.
4227 Sunrise Blvd
Suite # 220
Fair Oaks, CA 95628

Re: Accutest Job # C15405 Reissue

Dear Mr. Bensch,

This is a reissued report for Accutest Job # **C15405**, original report dated 4/12/11.

The volatiles reporting list for sample C15405-5 has been revised as per your request. Revised result pages and associated QC summary pages have been incorporated into this revised report.

We apologize for any inconvenience the above issue may have caused you. Please contact us at 408-588-0200 if we can be of further assistance in this matter, or if you have any questions regarding this data report.

Sincerely,

Accutest Laboratories

Sections: 1 2 3 4 5

Table of Contents

Sample Summary

Sierra West Consultants, Inc.

Job No: C15405

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C15405-1	04/04/11	08:15	BW	04/04/11	SO	Soil	STOCKPILE(A)
C15405-2	04/04/11	08:15	BW	04/04/11	SO	Soil	STOCKPILE(B)
C15405-3	04/04/11	08:15	BW	04/04/11	SO	Soil	STOCKPILE(C)
C15405-4	04/04/11	08:15	BW	04/04/11	SO	Soil	STOCKPILE(D)
C15405-5	04/04/11	00:00	BW	04/04/11	SO	Soil	STOCKPILE(A,B,C,D)COMP
C15405-5W	04/04/11	00:00	BW	04/04/11	SO	Soil	STOCKPILE(A,B,C,D)COMP

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE(A,B,C,D)COMP		
Lab Sample ID:	C15405-5	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/04/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M22653.D	1	04/05/11	XB	n/a	n/a	VM726
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	50.0 ul
Run #2			

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	500	150	ug/kg	
108-88-3	Toluene	405	500	150	ug/kg	J
100-41-4	Ethylbenzene	424	500	150	ug/kg	J
1330-20-7	Xylene (total)	6690	1000	400	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	500	100	ug/kg	
67-64-1	Acetone	ND	10000	2000	ug/kg	
108-86-1	Bromobenzene	ND	500	150	ug/kg	
74-97-5	Bromochloromethane	ND	500	150	ug/kg	
75-27-4	Bromodichloromethane	ND	500	100	ug/kg	
75-25-2	Bromoform	ND	500	100	ug/kg	
104-51-8	n-Butylbenzene	1430	500	150	ug/kg	
135-98-8	sec-Butylbenzene	209	500	150	ug/kg	J
98-06-6	tert-Butylbenzene	ND	500	150	ug/kg	
108-90-7	Chlorobenzene	ND	500	150	ug/kg	
75-00-3	Chloroethane	ND	500	150	ug/kg	
67-66-3	Chloroform	ND	500	150	ug/kg	
95-49-8	o-Chlorotoluene	ND	500	150	ug/kg	
106-43-4	p-Chlorotoluene	ND	500	150	ug/kg	
56-23-5	Carbon tetrachloride	ND	500	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	500	100	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	500	150	ug/kg	
563-58-6	1,1-Dichloropropene	ND	500	150	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	500	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	500	100	ug/kg	
107-06-2	1,2-Dichloroethane	ND	500	150	ug/kg	
78-87-5	1,2-Dichloropropane	ND	500	150	ug/kg	
142-28-9	1,3-Dichloropropane	ND	500	150	ug/kg	
108-20-3	Di-Isopropyl ether	ND	500	150	ug/kg	
594-20-7	2,2-Dichloropropane	ND	500	150	ug/kg	
124-48-1	Dibromochloromethane	ND	500	100	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	500	100	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	500	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE(A,B,C,D)COMP		
Lab Sample ID:	C15405-5	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/04/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-01-5	cis-1,3-Dichloropropene	ND	500	150	ug/kg	
541-73-1	m-Dichlorobenzene	ND	500	150	ug/kg	
95-50-1	o-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	p-Dichlorobenzene	ND	500	150	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	500	150	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	500	150	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	500	150	ug/kg	
591-78-6	2-Hexanone	ND	4000	500	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	100	ug/kg	
98-82-8	Isopropylbenzene	229	500	150	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	500	150	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	4000	1500	ug/kg	
74-83-9	Methyl bromide	ND	500	250	ug/kg	
74-87-3	Methyl chloride	ND	500	150	ug/kg	
74-95-3	Methylene bromide	ND	500	250	ug/kg	
75-09-2	Methylene chloride	ND	2500	1600	ug/kg	
78-93-3	Methyl ethyl ketone	ND	4000	1200	ug/kg	
91-20-3	Naphthalene	5620	500	150	ug/kg	
103-65-1	n-Propylbenzene	991	500	150	ug/kg	
100-42-5	Styrene	ND	500	100	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	500	120	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	4000	1000	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	500	100	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	500	150	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	500	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	500	100	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	500	150	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	500	150	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	150	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	11000	500	150	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2610	500	150	ug/kg	
127-18-4	Tetrachloroethylene	ND	500	350	ug/kg	
79-01-6	Trichloroethylene	ND	500	100	ug/kg	
75-69-4	Trichlorofluoromethane	ND	500	120	ug/kg	
75-01-4	Vinyl chloride	ND	500	250	ug/kg	
	TPH-GRO (C6-C10)	34600	10000	5000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		60-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE(A,B,C,D)COMP		
Lab Sample ID:	C15405-5	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/04/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on wet weight basis.
(b) 4:1 composite

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE(A,B,C,D)COMP		
Lab Sample ID:	C15405-5	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/04/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 1.8	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Arsenic	7.7	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Barium	154	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Beryllium	< 0.92	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Cadmium	< 0.92	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Chromium	50.4	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Cobalt	11.0	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Copper	20.5	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Lead	39.8	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Mercury	0.070	0.038	mg/kg	1	04/04/11	04/05/11	RW	SW846 7471A [1]	SW846 7471A [4]
Molybdenum	< 0.92	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Nickel	32.6	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Selenium	< 1.8	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Silver	< 0.92	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Thallium	2.0	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Vanadium	44.7	0.92	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]
Zinc	67.4	1.8	mg/kg	1	04/04/11	04/05/11	DQ	SW846 6010B [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA1803
(2) Instrument QC Batch: MA1806
(3) Prep QC Batch: MP3375
(4) Prep QC Batch: MP3379

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE(A,B,C,D)COMP		
Lab Sample ID:	C15405-5W	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/04/11
		Percent Solids:	n/a
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis, STLC Leachate CA WET

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Chromium	< 0.50		0.50	mg/l	1	04/11/11	04/12/11	PH	SW846 6010B [1]	SW3010A [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3398

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

SWG1CAF03210

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C 15405

Client / Reporting Information | **Project Information**

Company Name: Sierra West Consultants
Address: [redacted] 4227 Sunrise Blvd, ste. 220
City: Fair Oaks, State: CA, Zip: 95628
Project Contact: Jeff Bensch
Phone: 916-863-3220
Samplers's Name: Brian Whalen

Project Name: F&M Auto Service
Street: 1839 Foothill Blvd
City: Oakland, State: CA
Project #
EMAIL: JBensch@Sierra-West.net
Client Purchase Order #

Requested Analysis: TPHg (8260B), BTEX, MTBE, CAM 17 Metals

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	TPHg	BTEX	MTBE	CAM 17 Metals	LAB USE ONLY
	Stockpile (A,B,C,D) (4-Point Composite) (1,2,3,4) For Waste Characterization and disposal.	4/4/11	815	BW	Soil	4	4	X	X	X	X	-5 → 4:1 - comp

1 DAY

Save Samples for possible STLC/TCLP analysis pending total results

Turnaround Time (Business days)

- [ ] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [x] 1 Day *(200% markup)*
- [ ] Same Day (300% markup)

Approved By / Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

Email Results to: JBensch@Sierra-West.net
BWhalen@Sierra-West.net
When analyses are complete, call
B. Whalen @ (541) 912-1096

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		4-4-11 9:55		2		2
3	Relinquished by:	Date Time:	Received By:	Relinquished By: 4	Date Time:	Received By: 4
5	Relinquished by:	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Preservative Y/N; Labels match COC Y/N; Headspace Y/N N/A; On Ice Y/N; Separate Receiving Check List used Y/N	Cooler Temp. 11.0 +0.5=11.5 °C

Accutest Laboratories Northern California Sample Receiving Check List Job# : C15405 Initial: EK

Review Chain of Custody — Chain of Custody is to be complete and legible.

- ☑ Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — **Yes** / No
- ☑ Is pH requested? — Yes / **No**
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — **Yes** / No
  - Are sample in danger of exceeding hold-time — Yes / **No**
- ☑ Existing Client? **Yes** / No — Existing Project? **Yes** / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / **No**
- ☑ Sample IDs / date & time of collection provided? — **Yes** / No
- ☑ Is Matrix listed and correct? — **Yes** / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — **Yes** / No
- ☑ Chain is signed and dated by both client and sample custodian? — **Yes** / No
- ☑ TAT requested available? **Yes** / No — Approved by PM

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? 11.5°C — Yes / **No**
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — **Yes** / No
- Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method Walk In
- ☑ Custody Seals: Present: Yes / **No** — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? **Yes** / No — ☑ Sample bottle intact? **Yes** / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? — **Yes** / No
- ☐ Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? Greater than 6mm in diameter — Yes / No
  - List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

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C15405: Chain of Custody
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Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB2	M22636.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB2	M22636.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB2	M22636.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	104%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB	M22617.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

VM726-BSD, VM726-BS1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB	M22617.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

VM726-BSD, VM726-BS1

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

Method Blank Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-MB	M22617.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

VM726-BSD, VM726-BS1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-BS1	M22621.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	295	118	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-BS	M22620.D	1	04/04/11	XB	n/a	n/a	VM726
VM726-BSD	M22619.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	160	143	89	157	98	9	60-130/30
71-43-2	Benzene	40	39.7	99	40.9	102	3	60-130/30
108-86-1	Bromobenzene	40	40.3	101	42.1	105	4	60-130/30
74-97-5	Bromochloromethane	40	38.9	97	40.5	101	4	60-130/30
75-27-4	Bromodichloromethane	40	40.2	101	42.2	106	5	60-130/30
75-25-2	Bromoform	40	40.8	102	41.6	104	2	60-130/30
104-51-8	n-Butylbenzene	40	43.4	109	42.7	107	2	60-130/30
135-98-8	sec-Butylbenzene	40	42.0	105	43.4	109	3	60-130/30
98-06-6	tert-Butylbenzene	40	41.3	103	42.1	105	2	60-130/30
108-90-7	Chlorobenzene	40	39.4	99	39.2	98	1	60-130/30
75-00-3	Chloroethane	40	40.5	101	43.8	110	8	60-130/30
67-66-3	Chloroform	40	40.5	101	41.1	103	1	60-130/30
95-49-8	o-Chlorotoluene	40	42.0	105	43.0	108	2	60-130/30
106-43-4	p-Chlorotoluene	40	40.5	101	42.3	106	4	60-130/30
56-23-5	Carbon tetrachloride	40	42.4	106	43.3	108	2	60-130/30
75-34-3	1,1-Dichloroethane	40	40.6	102	40.9	102	1	60-130/30
75-35-4	1,1-Dichloroethylene	40	41.9	105	42.4	106	1	60-130/30
563-58-6	1,1-Dichloropropene	40	40.6	102	41.9	105	3	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	40	35.8	90	39.4	99	10	60-130/30
106-93-4	1,2-Dibromoethane	40	38.0	95	39.1	98	3	60-130/30
107-06-2	1,2-Dichloroethane	40	38.1	95	40.2	101	5	60-130/30
78-87-5	1,2-Dichloropropane	40	38.9	97	40.4	101	4	60-130/30
142-28-9	1,3-Dichloropropane	40	37.8	95	38.7	97	2	60-130/30
108-20-3	Di-Isopropyl ether	40	39.5	99	40.5	101	3	60-130/30
594-20-7	2,2-Dichloropropane	40	41.8	105	40.9	102	2	60-130/30
124-48-1	Dibromochloromethane	40	41.0	103	40.8	102	0	60-130/30
75-71-8	Dichlorodifluoromethane	40	45.4	114	53.0	133* [a]	15	60-130/30
156-59-2	cis-1,2-Dichloroethylene	40	40.5	101	40.9	102	1	60-130/30
10061-01-5	cis-1,3-Dichloropropene	40	39.3	98	40.8	102	4	60-130/30
541-73-1	m-Dichlorobenzene	40	41.1	103	41.9	105	2	60-130/30
95-50-1	o-Dichlorobenzene	40	40.3	101	38.7	97	4	60-130/30
106-46-7	p-Dichlorobenzene	40	41.4	104	41.4	104	0	60-130/30
156-60-5	trans-1,2-Dichloroethylene	40	41.2	103	41.3	103	0	60-130/30
10061-02-6	trans-1,3-Dichloropropene	40	38.5	96	39.1	98	2	60-130/30
100-41-4	Ethylbenzene	40	40.0	100	39.9	100	0	60-130/30
637-92-3	Ethyl tert-Butyl Ether	40	39.4	99	40.5	101	3	60-130/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-BS	M22620.D	1	04/04/11	XB	n/a	n/a	VM726
VM726-BSD	M22619.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	160	146	91	161	101	10	60-130/30
87-68-3	Hexachlorobutadiene	40	42.3	106	43.9	110	4	60-130/30
98-82-8	Isopropylbenzene	40	40.3	101	40.0	100	1	60-130/30
99-87-6	p-Isopropyltoluene	40	42.6	107	43.4	109	2	60-130/30
108-10-1	4-Methyl-2-pentanone	160	149	93	166	104	11	60-130/30
74-83-9	Methyl bromide	40	40.8	102	45.3	113	10	60-130/30
74-87-3	Methyl chloride	40	44.2	111	46.8	117	6	60-130/30
74-95-3	Methylene bromide	40	38.9	97	40.4	101	4	60-130/30
75-09-2	Methylene chloride	40	39.7	99	40.8	102	3	60-130/30
78-93-3	Methyl ethyl ketone	160	152	95	168	105	10	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	39.0	98	40.6	102	4	60-130/30
91-20-3	Naphthalene	40	39.3	98	44.2	111	12	60-130/30
103-65-1	n-Propylbenzene	40	42.2	106	43.2	108	2	60-130/30
100-42-5	Styrene	40	39.0	98	39.0	98	0	60-130/30
994-05-8	Tert-Amyl Methyl Ether	40	38.8	97	40.0	100	3	60-130/30
75-65-0	Tert Butyl Alcohol	200	192	96	218	109	13	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	40	39.7	99	39.2	98	1	60-130/30
71-55-6	1,1,1-Trichloroethane	40	41.3	103	42.0	105	2	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	40	38.4	96	41.9	105	9	60-130/30
79-00-5	1,1,2-Trichloroethane	40	37.2	93	38.7	97	4	60-130/30
87-61-6	1,2,3-Trichlorobenzene	40	40.3	101	44.6	112	10	60-130/30
96-18-4	1,2,3-Trichloropropane	40	36.6	92	39.0	98	6	60-130/30
120-82-1	1,2,4-Trichlorobenzene	40	41.7	104	44.0	110	5	60-130/30
95-63-6	1,2,4-Trimethylbenzene	40	41.4	104	42.8	107	3	60-130/30
108-67-8	1,3,5-Trimethylbenzene	40	41.9	105	42.9	107	2	60-130/30
127-18-4	Tetrachloroethylene	40	41.9	105	46.9	117	11	60-130/30
108-88-3	Toluene	40	39.6	99	39.7	99	0	60-130/30
79-01-6	Trichloroethylene	40	40.7	102	41.5	104	2	60-130/30
75-69-4	Trichlorofluoromethane	40	42.5	106	43.0	108	1	60-130/30
75-01-4	Vinyl chloride	40	35.8	90	39.5	99	10	60-130/30
1330-20-7	Xylene (total)	120	118	98	118	98	0	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	102%	101%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM726-BS	M22620.D	1	04/04/11	XB	n/a	n/a	VM726
VM726-BSD	M22619.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
2037-26-5	Toluene-D8	98%	98%	60-130%
460-00-4	4-Bromofluorobenzene	96%	95%	60-130%

(a) Outside laboratory control limits; within DOD-QSM4 control limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15380-1MS	M22643.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1MSD	M22644.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1	M22626.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	C15380-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		160	182	114	164	103	10	60-130/30
71-43-2	Benzene	ND		40	43.2	108	40.6	102	6	60-130/30
108-86-1	Bromobenzene	ND		40	40.8	102	38.9	98	5	60-130/30
74-97-5	Bromochloromethane	ND		40	42.7	107	40.2	101	6	60-130/30
75-27-4	Bromodichloromethane	ND		40	44.2	111	41.9	105	5	60-130/30
75-25-2	Bromoform	ND		40	46.8	117	44.1	111	6	60-130/30
104-51-8	n-Butylbenzene	ND		40	42.4	106	40.9	103	4	60-130/30
135-98-8	sec-Butylbenzene	ND		40	43.5	109	41.2	103	5	60-130/30
98-06-6	tert-Butylbenzene	ND		40	42.7	107	40.4	101	6	60-130/30
108-90-7	Chlorobenzene	ND		40	41.5	104	39.1	98	6	60-130/30
75-00-3	Chloroethane	ND		40	42.7	107	41.0	103	4	60-130/30
67-66-3	Chloroform	ND		40	43.8	110	40.8	102	7	60-130/30
95-49-8	o-Chlorotoluene	ND		40	41.3	103	40.0	100	3	60-130/30
106-43-4	p-Chlorotoluene	ND		40	42.8	107	39.2	98	9	60-130/30
56-23-5	Carbon tetrachloride	ND		40	45.8	115	44.3	111	3	60-130/30
75-34-3	1,1-Dichloroethane	ND		40	44.6	112	41.7	105	7	60-130/30
75-35-4	1,1-Dichloroethylene	ND		40	44.7	112	42.5	107	5	60-130/30
563-58-6	1,1-Dichloropropene	ND		40	43.0	108	40.7	102	5	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		40	46.8	117	43.1	108	8	60-130/30
106-93-4	1,2-Dibromoethane	ND		40	42.9	107	39.8	100	7	60-130/30
107-06-2	1,2-Dichloroethane	ND		40	43.0	108	40.0	100	7	60-130/30
78-87-5	1,2-Dichloropropane	ND		40	41.5	104	38.9	98	6	60-130/30
142-28-9	1,3-Dichloropropane	ND		40	43.7	109	40.5	102	8	60-130/30
108-20-3	Di-Isopropyl ether	ND		40	45.1	113	42.1	106	7	60-130/30
594-20-7	2,2-Dichloropropane	ND		40	43.3	108	40.2	101	7	60-130/30
124-48-1	Dibromochloromethane	ND		40	45.2	113	43.3	109	4	60-130/30
75-71-8	Dichlorodifluoromethane	ND		40	56.4	141* [a]	52.3	131* [a]	8	60-130/30
156-59-2	cis-1,2-Dichloroethylene	ND		40	43.1	108	40.5	102	6	60-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		40	44.4	111	41.0	103	8	60-130/30
541-73-1	m-Dichlorobenzene	ND		40	42.0	105	39.6	99	6	60-130/30
95-50-1	o-Dichlorobenzene	ND		40	42.8	107	39.8	100	7	60-130/30
106-46-7	p-Dichlorobenzene	ND		40	42.2	106	39.6	99	6	60-130/30
156-60-5	trans-1,2-Dichloroethylene	ND		40	43.6	109	40.8	102	7	60-130/30
10061-02-6	trans-1,3-Dichloropropene	ND		40	39.9	100	37.8	95	5	60-130/30
100-41-4	Ethylbenzene	ND		40	41.0	103	39.1	98	5	60-130/30
637-92-3	Ethyl tert-Butyl Ether	ND		40	44.5	111	41.0	103	8	60-130/30

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15380-1MS	M22643.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1MSD	M22644.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1	M22626.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Compound	C15380-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	ND		160	182	114	165	104	10	60-130/30
87-68-3	Hexachlorobutadiene	ND		40	43.6	109	41.2	103	6	60-130/30
98-82-8	Isopropylbenzene	ND		40	41.1	103	39.1	98	5	60-130/30
99-87-6	p-Isopropyltoluene	ND		40	41.8	105	39.5	99	6	60-130/30
108-10-1	4-Methyl-2-pentanone	ND		160	187	117	171	107	9	60-130/30
74-83-9	Methyl bromide	ND		40	44.4	111	41.2	103	7	60-130/30
74-87-3	Methyl chloride	ND		40	49.2	123	42.8	107	14	60-130/30
74-95-3	Methylene bromide	ND		40	43.3	108	40.5	102	7	60-130/30
75-09-2	Methylene chloride	ND		40	44.1	110	41.2	103	7	60-130/30
78-93-3	Methyl ethyl ketone	ND		160	190	119	174	109	9	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		40	47.2	118	43.6	109	8	60-130/30
91-20-3	Naphthalene	ND		40	46.7	117	43.5	109	7	60-130/30
103-65-1	n-Propylbenzene	ND		40	42.5	106	40.0	100	6	60-130/30
100-42-5	Styrene	ND		40	40.5	101	38.2	96	6	60-130/30
994-05-8	Tert-Amyl Methyl Ether	ND		40	45.9	115	42.3	106	8	60-130/30
75-65-0	Tert Butyl Alcohol	ND		200	246	123	219	110	12	60-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		40	40.2	101	39.3	99	2	60-130/30
71-55-6	1,1,1-Trichloroethane	ND		40	44.5	111	41.7	105	6	60-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		40	45.9	115	41.6	104	10	60-130/30
79-00-5	1,1,2-Trichloroethane	ND		40	43.1	108	39.8	100	8	60-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		40	42.1	105	39.7	100	6	60-130/30
96-18-4	1,2,3-Trichloropropane	ND		40	43.1	108	40.0	100	7	60-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		40	41.1	103	38.5	97	7	60-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		40	41.8	105	39.3	99	6	60-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		40	42.1	105	39.4	99	7	60-130/30
127-18-4	Tetrachloroethylene	ND		40	54.6	137* [a]	53.3	134* [a]	2	60-130/30
108-88-3	Toluene	ND		40	41.0	103	39.0	98	5	60-130/30
79-01-6	Trichloroethylene	ND		40	44.8	112	42.8	107	5	60-130/30
75-69-4	Trichlorofluoromethane	ND		40	43.2	108	40.9	103	5	60-130/30
75-01-4	Vinyl chloride	ND		40	40.7	102	36.6	92	11	60-130/30
1330-20-7	Xylene (total)	ND		120	124	103	118	99	5	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15380-1	Limits
1868-53-7	Dibromofluoromethane	106%	102%	104%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15405
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15380-1MS	M22643.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1MSD	M22644.D	1	04/04/11	XB	n/a	n/a	VM726
C15380-1	M22626.D	1	04/04/11	XB	n/a	n/a	VM726

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15405-5

CAS No.	Surrogate Recoveries	MS	MSD	C15380-1	Limits
2037-26-5	Toluene-D8	99%	99%	104%	60-130%
460-00-4	4-Bromofluorobenzene	97%	95%	98%	60-130%

(a) Outside control limits.

Northern California ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3375
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/03/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2	1.3		
Antimony	2.0	.98	1.2	0.080	<2.0
Arsenic	2.0	.78	.76	-1.2	<2.0
Barium	1.0	.03	.05	0.33	<1.0
Beryllium	1.0	.01	.02	0.010	<1.0
Boron	10	.73	1		
Cadmium	1.0	.06	.07	0.030	<1.0
Calcium	300	1.5	6.9		
Chromium	1.0	.07	.06	0.050	<1.0
Cobalt	1.0	.07	.08	0.36	<1.0
Copper	1.0	.06	.51	0.52	<1.0
Iron	10	.25	.36		
Lead	2.0	.4	.54	-0.28	<2.0
Lithium	1.0	.12	.22		
Magnesium	200	1.1	2.3		
Manganese	1.0	.01	.04		
Molybdenum	1.0	.12	.24	-0.060	<1.0
Nickel	1.0	.1	.18	0.11	<1.0
Potassium	200	3	6.2		
Selenium	2.0	1.2	1.5	-0.50	<2.0
Silicon	20	.76	7		
Silver	1.0	.05	.13	0.0	<1.0
Sodium	300	.79	3		
Strontium	1.0	.02	.04		
Thallium	2.0	.85	.74	-0.34	<2.0
Tin	50	.27	2		
Titanium	1.0	.02	.15		
Vanadium	1.0	.05	.06	0.0	<1.0
Zinc	2.0	.04	.24	0.54	<2.0

Associated samples MP3375: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3375
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/03/11

Metal	C15366-1 Original	MS	Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony	0.0	17.2	46.7	36.8N(a)	75-125
Arsenic	3.5	49.8	46.7	99.1	75-125
Barium	138	168	46.7	87.7	75-125
Beryllium	0.0095	42.6	46.7	91.1	75-125
Boron					
Cadmium	0.18	44.0	46.7	93.8	75-125
Calcium					
Chromium	38.3	72.3	46.7	75.3	75-125
Cobalt	8.0	50.7	46.7	92.0	75-125
Copper	26.4	78.9	46.7	115.8	75-125
Iron					
Lead	11.0	54.8	46.7	93.7	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum	0.59	43.0	46.7	90.7	75-125
Nickel	33.8	71.8	46.7	83.2	75-125
Potassium					
Selenium	0.0	41.1	46.7	88.0	75-125
Silicon					
Silver	0.18	47.1	46.7	100.8	75-125
Sodium					
Strontium					
Thallium	2.7	44.1	46.7	89.0	75-125
Tin					
Titanium					
Vanadium	47.2	95.1	46.7	106.4	75-125
Zinc	52.3	91.3	46.7	89.2	75-125

Associated samples MP3375: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3375
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/03/11

Metal	C15366-1 Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.0	18.9	49.5	38.2N(a)	5.4	20
Arsenic	3.5	53.9	49.5	101.8	0.2	20
Barium	138	174	49.5	94.9	5.6	20
Beryllium	0.0095	45.9	49.5	92.6	2.2	20
Boron						
Cadmium	0.18	47.4	49.5	95.4	1.9	20
Calcium						
Chromium	38.3	81.7	49.5	90.1	9.2	20
Cobalt	8.0	55.0	49.5	95.5	4.5	20
Copper	26.4	79.5	49.5	110.5	4.4	20
Iron						
Lead	11.0	59.5	49.5	98.0	4.1	20
Lithium						
Magnesium						
Manganese						
Molybdenum	0.59	46.3	49.5	92.3	3.7	20
Nickel	33.8	80.4	49.5	96.0	9.1	20
Potassium						
Selenium	0.0	44.7	49.5	90.3	0.7	20
Silicon						
Silver	0.18	50.6	49.5	102.2	2.4	20
Sodium						
Strontium						
Thallium	2.7	47.9	49.5	91.7	3.0	20
Tin						
Titanium						
Vanadium	47.2	97.5	49.5	105.2	0.9	20
Zinc	52.3	101	49.5	103.8	4.8	20

Associated samples MP3375: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3375
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/03/11

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony	50.3	50	100.6	80-120
Arsenic	49.2	50	98.4	80-120
Barium	45.2	50	90.4	80-120
Beryllium	46.3	50	92.6	80-120
Boron				
Cadmium	47.2	50	94.4	80-120
Calcium				
Chromium	49.0	50	98.0	80-120
Cobalt	49.9	50	99.8	80-120
Copper	50.3	50	100.6	80-120
Iron				
Lead	50.7	50	101.4	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum	48.9	50	97.8	80-120
Nickel	49.0	50	98.0	80-120
Potassium				
Selenium	45.9	50	91.8	80-120
Silicon				
Silver	50.8	50	101.6	80-120
Sodium				
Strontium				
Thallium	47.6	50	95.2	80-120
Tin				
Titanium				
Vanadium	50.1	50	100.2	80-120
Zinc	46.9	50	93.8	80-120

Associated samples MP3375: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3375
Matrix Type: SOLID

Methods: SW846 6010B
Units: ug/l

Prep Date: 04/03/11

Metal	C15366-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony	0.00	0.00	NC	0-10
Arsenic	36.3	0.00	100.0(a)	0-10
Barium	1450	1350	1.4	0-10
Beryllium	0.100	1.50	275.0(a)	0-10
Boron				
Cadmium	1.90	0.00	100.0(a)	0-10
Calcium				
Chromium	402	406	4.3	0-10
Cobalt	83.7	85.5	5.2	0-10
Copper	277	251	3.5	0-10
Iron				
Lead	116	115	1.0	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum	6.20	0.00	100.0(a)	0-10
Nickel	355	370	7.2	0-10
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	1.90	0.00		0-10
Sodium				
Strontium				
Thallium	28.4	0.00	100.0(a)	0-10
Tin				
Titanium				
Vanadium	496	493	3.5	0-10
Zinc	549	549	5.5	0-10

Associated samples MP3375: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3379 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/04/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.042	.0017	.0043	-0.0034	<0.042

Associated samples MP3379: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3379 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/04/11

Metal	C15405-5 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.070	0.38	0.308	100.8	75-125

Associated samples MP3379: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3379 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/04/11

Metal	C15405-5 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.070	0.36	0.294	98.6	5.4	20

Associated samples MP3379: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3379
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 04/04/11

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.16	0.167	96.0	80-120

Associated samples MP3379: C15405-5

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	2.5	.5	.65		
Antimony	1.3	.25	.25		
Arsenic	1.3	.2	.23		
Barium	0.50	.0075	.0075		
Beryllium	0.25	.0025	.005		
Boron	1.3	.18	.18		
Cadmium	0.25	.015	.02		
Calcium	130	.36	.36		
Chromium	0.50	.018	.018	-0.0025	<0.50
Cobalt	0.50	.018	.018		
Copper	0.50	.015	.02		
Iron	2.5	.063	.063		
Lead	1.3	.1	.13		
Lithium	0.50	.03	.03		
Magnesium	2.5	.28	.48		
Manganese	0.50	.0025	.013		
Molybdenum	0.50	.03	.03		
Nickel	0.50	.025	.045		
Potassium	130	.76	.85		
Selenium	0.50	.29	.31		
Silicon	1.3	.19	.19		
Silver	0.50	.013	.015		
Sodium	130	.2	.2		
Strontium	0.50	.005	.01		
Thallium	1.3	.21	.21		
Tin	1.3	.068	.09		
Titanium	0.50	.005	.005		
Vanadium	0.50	.013	.02		
Zinc	1.3	.01	.025		

Associated samples MP3398: C15405-5W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	C15405-5W Original MS		Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium	0.23	12.4	12.5	97.4	75-125
Cobalt					
Copper					
Iron					
Lead	anr				
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP3398: C15405-5W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398 Methods: SW846 6010B
Matrix Type: LEACHATE Units: mg/l

Prep Date: 04/11/11

Metal	C15405-5W Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium	0.23	12.3	12.5	96.6	0.8	20
Cobalt						
Copper						
Iron						
Lead	anr					
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP3398: C15405-5W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	12.1	12.5	96.8	80-120
Cobalt				
Copper				
Iron				
Lead	anr			
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP3398: C15405-5W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C15405
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398 Methods: SW846 6010B
Matrix Type: LEACHATE Units: ug/l

Prep Date: 04/11/11

Metal	C15405-5W Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	9.10	8.00	12.1 (a)	0-10
Cobalt				
Copper				
Iron				
Lead	anr			
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP3398: C15405-5W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Northern California ACCUTEST LABORATORIES

05/04/11

Technical Report for

Sierra West Consultants, Inc.

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Accutest Job Number: C15860

Sampling Date: 05/02/11

Report to:

Sierra West Consultants, Inc.
4227 Sunrise Blvd Suite#220
Fair Oaks, CA 95628
jbensch@sierra-west.net; bwhalen@sierra-west.net

ATTN: Jeff Bensch

Total number of pages in report: **25**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5

Table of Contents

Accutest Laboratories

Sample Summary

Sierra West Consultants, Inc.

Job No: C15860

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C15860-1	05/02/11	14:30	BW	05/02/11	SO	Soil	STOCKPILE-2(A)
C15860-2	05/02/11	14:30	BW	05/02/11	SO	Soil	STOCKPILE-2(B)
C15860-3	05/02/11	14:30	BW	05/02/11	SO	Soil	STOCKPILE-2(C)
C15860-4	05/02/11	14:30	BW	05/02/11	SO	Soil	STOCKPILE-2(D)
C15860-5	05/02/11	00:00	BW	05/02/11	SO	Soil	STOCKPILE-2(A-D)COMP

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE-2(A-D)COMP		
Lab Sample ID:	C15860-5	**Date Sampled:**	05/02/11
Matrix:	SO - Soil	**Date Received:**	05/02/11
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	Y7655.D	5	05/02/11	MT	05/02/11	OP3836	EY375
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	5000	4500	ug/kg	
95-57-8	2-Chlorophenol	ND	5000	3400	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2500	2100	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2500	700	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2500	750	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	13000	4300	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	10000	5200	ug/kg	
95-48-7	2-Methylphenol	ND	2500	850	ug/kg	
	3&4-Methylphenol	ND	2500	750	ug/kg	
88-75-5	2-Nitrophenol	ND	2500	650	ug/kg	
100-02-7	4-Nitrophenol	ND	10000	6200	ug/kg	
87-86-5	Pentachlorophenol	ND	2500	2100	ug/kg	
108-95-2	Phenol	ND	10000	6500	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2500	600	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2500	800	ug/kg	
83-32-9	Acenaphthene	ND	5000	2500	ug/kg	
208-96-8	Acenaphthylene	ND	2500	1000	ug/kg	
62-53-3	Aniline	ND	2500	700	ug/kg	
120-12-7	Anthracene	ND	2500	500	ug/kg	
103-33-3	Azobenzene	ND	2500	850	ug/kg	
92-87-5	Benzidine	ND	13000	3700	ug/kg	
56-55-3	Benzo(a)anthracene	ND	2500	350	ug/kg	
50-32-8	Benzo(a)pyrene	ND	2500	450	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	2500	300	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	2500	750	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	2500	600	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	2500	750	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	2500	550	ug/kg	
100-51-6	Benzyl Alcohol	ND	5000	800	ug/kg	
91-58-7	2-Chloronaphthalene	ND	2500	900	ug/kg	
106-47-8	4-Chloroaniline	ND	2500	700	ug/kg	
86-74-8	Carbazole	ND	2500	400	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE-2(A-D)COMP		
Lab Sample ID:	C15860-5	**Date Sampled:**	05/02/11
Matrix:	SO - Soil	**Date Received:**	05/02/11
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	2500	500	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	2500	900	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	2500	1200	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2500	1400	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2500	950	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2500	800	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2500	750	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2500	2100	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	2500	2300	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	5000	1600	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	13000	700	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	2500	650	ug/kg	
132-64-9	Dibenzofuran	ND	2500	800	ug/kg	
122-39-4	Diphenylamine	ND	2500	600	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	2500	500	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	2500	650	ug/kg	
84-66-2	Diethyl phthalate	ND	2500	850	ug/kg	
131-11-3	Dimethyl phthalate	ND	2500	900	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2500	1100	ug/kg	
206-44-0	Fluoranthene	ND	2500	500	ug/kg	
86-73-7	Fluorene	ND	2500	900	ug/kg	
118-74-1	Hexachlorobenzene	ND	2500	650	ug/kg	
87-68-3	Hexachlorobutadiene	ND	2500	950	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2500	700	ug/kg	
67-72-1	Hexachloroethane	ND	2500	800	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2500	700	ug/kg	
78-59-1	Isophorone	ND	2500	850	ug/kg	
90-12-0	1-Methylnaphthalene	ND	2500	800	ug/kg	
91-57-6	2-Methylnaphthalene	ND	2500	800	ug/kg	
88-74-4	2-Nitroaniline	ND	2500	600	ug/kg	
99-09-2	3-Nitroaniline	ND	2500	600	ug/kg	
100-01-6	4-Nitroaniline	ND	2500	1500	ug/kg	
91-20-3	Naphthalene	ND	2500	850	ug/kg	
98-95-3	Nitrobenzene	ND	2500	800	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	25000	11000	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	5000	2800	ug/kg	
85-01-8	Phenanthrene	ND	2500	550	ug/kg	
129-00-0	Pyrene	ND	5000	3400	ug/kg	
110-86-1	Pyridine	ND	10000	1100	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	2500	1700	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE-2(A-D)COMP		
Lab Sample ID:	C15860-5	**Date Sampled:**	05/02/11
Matrix:	SO - Soil	**Date Received:**	05/02/11
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		20-100%
4165-62-2	Phenol-d5	66%		20-100%
118-79-6	2,4,6-Tribromophenol	100%		30-100%
4165-60-0	Nitrobenzene-d5	52%		20-100%
321-60-8	2-Fluorobiphenyl	69%		20-106%
1718-51-0	Terphenyl-d14	136% [c]		55-130%

(a) All results reported on wet weight basis.
(b) Dilution required due to matrix interference (viscous extract; non-target hydrocarbons).
(c) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	STOCKPILE-2(A-D)COMP		
Lab Sample ID:	C15860-5	**Date Sampled:**	05/02/11
Matrix:	SO - Soil	**Date Received:**	05/02/11
Method:	SW846 8015B M SW846 3545A	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG24407.D	1	05/03/11	JH	05/02/11	OP3830	GGG674
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	17.1	10	5.0	mg/kg	
	TPH (> C28-C40)	50.0	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	94%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

"SWCICA[redacted]F03210"

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C C15860

Client / Reporting Information

Company Name	Sierra West Consultants, Inc.
Address	4227 Sunrise Blvd., Ste 220
City / State / Zip	Fair Oaks CA 95628
Project Contact:	Jeff Bensch JBensch@Sierra-West.net
Phone #	916-863-3220
Samplers's Name	B. Whalen

Project Information

Project Name:	F&M Auto Service
Street	1839 Foothill Blvd.
City / State	Oakland CA
Project #	
EMAIL:	BWhalen@Sierra-West.net
Client Purchase Order #	

Requested Analysis

TPHd/MO; Oil + Grease; PCB[redacted], PCP/PNA; Creosote; 6270 SN; All changes per J Bensch SWH 5-2-11

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPHd/MO	Oil + Grease	PCB, PCP/PNA	Creosote	6270 SN	LAB USE ONLY
	Stockpile-2 (A,B,C,D) (1,2,3,4)	5/2/11	1430	BW	SO	4					4				X	X	X	X	(-5)	(4:1 Composite) (-5)

1 DAY

2 day TAT

Matrix Codes

WW- Wastewater
GW- Ground Water
SW- Surface Water
SO- Soil
OI-Oil
WP-Wipe
LIQ - Non-aqueous Liquid
AIR
DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days)

- [ ] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [x] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [x] EDF for Geotracker
- [ ] EDD Format

Provide EDF Global ID
Provide EDF Logcode:

Comments / Remarks

4 X 8oz Glass Jars

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5/2/11 @1440	1 Mike Moorefield	2 Mike Moorefield	5-2-11 16:05	2 [signature] 05/02/11 16:06
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #		

Appropriate Bottle / Pres. (Y) N
Labels match Coc? (Y) N
Headspace Y/N N/A
Separate Receiving Check List used: (Y) N
On Ice (Y) N
Cooler Temp. 4.7+0.2=4.9°C

C15860: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C15860 Initial: EK

Review Chain of Custody — Chain of Custody is to be complete and legible.

☑ Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — (Yes) / No
☑ Is pH requested? — Yes / (No)
- ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
- ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No

☑ Are sample within hold time? — (Yes) / No
Are sample in danger of exceeding hold-time — Yes / (No)
☑ Existing Client? (Yes) / No — Existing Project? (Yes) / No
If No: Is Report to info complete and legible, including;
☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
Is Bill to info complete and legible, including;
☐ PO# ☐ Credit card ☐ Contact ☐address ☐ phone ☐ e-mail
Is Contact and/or Project Manager identified, including;
☐ phone ☐ e-mail
☐ Project name / number

☑ Special requirements? — Yes / (No)
☑ Sample IDs / date & time of collection provided? — (Yes) / No
☑ Is Matrix listed and correct? — (Yes) / No
☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

☑ Were all Coolers temperatures measured at ≤6°C? 4.9°C — (Yes) / No
- If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left

☑ Are samples on Ice? — (Yes) / No
Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

☑ Shipment Received Method AC
☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
☑ Is there enough sample volume in proper bottle for requested analyses? — (Yes) / No
☐ Proper Preservatives? Yes / No
Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
☐ Headspace-VOAs? **Greater than 6mm in diameter** — Yes / No
List sample ID and affected container

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C15860: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MB	Y7650.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	

Method Blank Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MB	Y7650.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

Method Blank Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MB	Y7650.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	65%	20-100%
4165-62-2	Phenol-d5	65%	20-100%
118-79-6	2,4,6-Tribromophenol	63%	30-100%
4165-60-0	Nitrobenzene-d5	64%	20-100%
321-60-8	2-Fluorobiphenyl	64%	20-106%
1718-51-0	Terphenyl-d14	75%	55-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-BS	Y7651.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-BSD	Y7652.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	5000	3190	64	4340	87	31* a	24-116/30
95-57-8	2-Chlorophenol	2500	1490	60	2080	83	33* a	31-130/30
59-50-7	4-Chloro-3-methyl phenol	2500	1480	59	2030	81	31* a	35-117/30
120-83-2	2,4-Dichlorophenol	2500	1500	60	2060	82	31* a	40-111/30
105-67-9	2,4-Dimethylphenol	2500	1490	60	2080	83	33* a	29-109/30
51-28-5	2,4-Dinitrophenol	2500	1610	64	2380	95	39* a	19-117/30
534-52-1	4,6-Dinitro-o-cresol	2500	1400	56	2020	81	36* a	28-119/30
95-48-7	2-Methylphenol	2500	1500	60	2090	84	33* a	33-114/30
	3&4-Methylphenol	2500	1500	60	2080	83	32* a	34-115/30
88-75-5	2-Nitrophenol	2500	1430	57	2000	80	33* a	20-116/30
100-02-7	4-Nitrophenol	2500	1590	64	2200	88	32* a	6-114/30
87-86-5	Pentachlorophenol	2500	1800	72	2520	101	33* a	10-115/30
108-95-2	Phenol	2500	1470	59	2050	82	33* a	28-122/30
95-95-4	2,4,5-Trichlorophenol	2500	1490	60	2070	83	33* a	30-111/30
88-06-2	2,4,6-Trichlorophenol	2500	1440	58	2030	81	34* a	30-110/30
83-32-9	Acenaphthene	2500	1430	57	2010	80	34* a	34-129/30
208-96-8	Acenaphthylene	2500	1450	58	2050	82	34* a	38-118/30
62-53-3	Aniline	2500	1260	50	1700	68	30	28-112/30
120-12-7	Anthracene	2500	1510	60	2150	86	35* a	41-114/30
103-33-3	Azobenzene	2500	1390	56	1970	79	35* a	28-114/30
92-87-5	Benzidine	5000	1330	27	1570	31	17	10-156/30
56-55-3	Benzo(a)anthracene	2500	1560	62	2250	90	36* a	40-116/30
50-32-8	Benzo(a)pyrene	2500	1540	62	2270	91	38* a	39-112/30
205-99-2	Benzo(b)fluoranthene	2500	1510	60	2340	94	43* a	40-117/30
191-24-2	Benzo(g,h,i)perylene	2500	1420	57	2140	86	40* a	36-113/30
207-08-9	Benzo(k)fluoranthene	2500	1630	65	2300	92	34* a	41-117/30
101-55-3	4-Bromophenyl phenyl ether	2500	1320	53	1920	77	37* a	30-114/30
85-68-7	Butyl benzyl phthalate	2500	1750	70	2530	101	36* a	27-110/30
100-51-6	Benzyl Alcohol	2500	1610	64	2270	91	34* a	31-112/30
91-58-7	2-Chloronaphthalene	2500	1410	56	2000	80	35* a	37-115/30
106-47-8	4-Chloroaniline	2500	1260	50	1700	68	30	29-95/30
86-74-8	Carbazole	2500	1520	61	2180	87	36* a	40-116/30
218-01-9	Chrysene	2500	1540	62	2220	89	36* a	40-117/30
111-91-1	bis(2-Chloroethoxy)methane	2500	1520	61	2080	83	31* a	31-99/30
111-44-4	bis(2-Chloroethyl)ether	2500	1460	58	2010	80	32* a	30-106/30
108-60-1	bis(2-Chloroisopropyl)ether	2500	1530	61	2080	83	30	24-104/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-BS	Y7651.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-BSD	Y7652.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	2500	1390	56	1970	79	35* a	30-111/30
95-50-1	1,2-Dichlorobenzene	2500	1420	57	1940	78	31* a	27-111/30
541-73-1	1,3-Dichlorobenzene	2500	1360	54	1850	74	31* a	25-116/30
106-46-7	1,4-Dichlorobenzene	2500	1370	55	1860	74	30	27-120/30
121-14-2	2,4-Dinitrotoluene	2500	1450	58	2070	83	35* a	27-114/30
606-20-2	2,6-Dinitrotoluene	2500	1460	58	2070	83	35* a	27-114/30
91-94-1	3,3'-Dichlorobenzidine	5000	2640	53	3860	77	38* a	24-118/30
53-70-3	Dibenzo(a,h)anthracene	2500	1410	56	2170	87	42* a	37-115/30
132-64-9	Dibenzofuran	2500	1420	57	2040	82	36* a	28-113/30
122-39-4	Diphenylamine	2500	1440	58	2060	82	35* a	23-117/30
84-74-2	Di-n-butyl phthalate	2500	1590	64	2310	92	37* a	29-115/30
117-84-0	Di-n-octyl phthalate	2500	1770	71	2640	106	39* a	29-127/30
84-66-2	Diethyl phthalate	2500	1500	60	2130	85	35* a	29-116/30
131-11-3	Dimethyl phthalate	2500	1430	57	2030	81	35* a	30-110/30
117-81-7	bis(2-Ethylhexyl)phthalate	2500	1610	64	2350	94	37* a	27-121/30
206-44-0	Fluoranthene	2500	1560	62	2230	89	35* a	40-120/30
86-73-7	Fluorene	2500	1430	57	2040	82	35* a	40-119/30
118-74-1	Hexachlorobenzene	2500	1420	57	2000	80	34* a	28-113/30
87-68-3	Hexachlorobutadiene	2500	1540	62	2160	86	34* a	29-115/30
77-47-4	Hexachlorocyclopentadiene	2500	1160	46	1710	68	38* a	26-114/30
67-72-1	Hexachloroethane	2500	1360	54	1830	73	29	24-109/30
193-39-5	Indeno(1,2,3-cd)pyrene	2500	1400	56	2140	86	42* a	37-114/30
78-59-1	Isophorone	2500	1420	57	1930	77	30	28-117/30
90-12-0	1-Methylnaphthalene	2500	1410	56	1950	78	32* a	25-113/30
91-57-6	2-Methylnaphthalene	2500	1510	60	2100	84	33* a	27-113/30
88-74-4	2-Nitroaniline	2500	1440	58	2010	80	33* a	23-116/30
99-09-2	3-Nitroaniline	2500	1240	50	1720	69	32* a	29-115/30
100-01-6	4-Nitroaniline	2500	1470	59	2100	84	35* a	29-114/30
91-20-3	Naphthalene	2500	1450	58	2020	81	33* a	24-113/30
98-95-3	Nitrobenzene	2500	1460	58	2010	80	32* a	23-112/30
62-75-9	N-Nitrosodimethylamine	2500	1400	57	1900	77	30	20-108/30
621-64-7	N-Nitroso-di-n-propylamine	2500	1470	59	2040	82	32* a	26-127/30
85-01-8	Phenanthrene	2500	1410	56	2040	82	37* a	41-113/30
129-00-0	Pyrene	2500	1630	65	2360	94	37* a	45-134/30
110-86-1	Pyridine	2500	998	40	1290	52	26	20-78/30
120-82-1	1,2,4-Trichlorobenzene	2500	1380	55	1930	77	33* a	31-122/30

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-BS	Y7651.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-BSD	Y7652.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	63%	74%	20-100%
4165-62-2	Phenol-d5	63%	76%	20-100%
118-79-6	2,4,6-Tribromophenol	63%	87%	30-100%
4165-60-0	Nitrobenzene-d5	62%	73%	20-100%
321-60-8	2-Fluorobiphenyl	59%	76%	20-106%
1718-51-0	Terphenyl-d14	74%	105%	55-130%

(a) RPD outside laboratory control limits; spike recoveries within control limits in BS/BSD. Refer to MS/MSD for RPD information. All associated samples reextracted and confirmed ND.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MS	Y7657.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-MSD	Y7658.D	1	05/02/11	MT	05/02/11	OP3836	EY375
C15844-1 [a]	Y7656.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	C15844-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		5000	ND	0* [b]	ND	0* [b]	nc	24-116/36
95-57-8	2-Chlorophenol	ND		2500	1270	51	1230	49	3	31-130/31
59-50-7	4-Chloro-3-methyl phenol	ND		2500	1800	72	1700	68	6	35-117/38
120-83-2	2,4-Dichlorophenol	ND		2500	1340	54	1280	51	5	40-111/30
105-67-9	2,4-Dimethylphenol	ND		2500	1370	55	1330	53	3	29-109/31
51-28-5	2,4-Dinitrophenol	ND		2500	1420	57	1240	50	14	19-117/40
534-52-1	4,6-Dinitro-o-cresol	ND		2500	1380	55	1300	52	6	28-119/37
95-48-7	2-Methylphenol	ND		2500	1300	52	1290	52	1	33-114/29
	3&4-Methylphenol	ND		2500	1340	54	1300	52	3	34-115/31
88-75-5	2-Nitrophenol	ND		2500	1190	48	1180	47	1	20-116/30
100-02-7	4-Nitrophenol	ND		2500	2500	100	2300	92	8	6-114/56
87-86-5	Pentachlorophenol	ND		2500	2320	93	2440	98	5	10-115/39
108-95-2	Phenol	ND		2500	1560	62	1500	60	4	28-122/38
95-95-4	2,4,5-Trichlorophenol	ND		2500	1890	76	1830	73	3	30-111/28
88-06-2	2,4,6-Trichlorophenol	ND		2500	1360	54	1410	56	4	30-110/27
83-32-9	Acenaphthene	ND		2500	1480	59	1440	58	3	34-129/31
208-96-8	Acenaphthylene	ND		2500	1460	58	1430	57	2	38-118/30
62-53-3	Aniline	ND		2500	1240	50	1210	48	2	28-112/38
120-12-7	Anthracene	ND		2500	2230	89	2250	90	1	41-114/29
103-33-3	Azobenzene	ND		2500	1760	70	1750	70	1	28-114/27
92-87-5	Benzidine	ND		5000	2090	42	2110	42	1	10-156/50
56-55-3	Benzo(a)anthracene	ND		2500	2490	100	2480	99	0	40-116/31
50-32-8	Benzo(a)pyrene	ND		2500	2490	100	2530	101	2	39-112/32
205-99-2	Benzo(b)fluoranthene	ND		2500	2570	103	2700	108	5	40-117/31
191-24-2	Benzo(g,h,i)perylene	ND		2500	2100	84	2180	87	4	36-113/32
207-08-9	Benzo(k)fluoranthene	ND		2500	2650	106	2600	104	2	41-117/30
101-55-3	4-Bromophenyl phenyl ether	ND		2500	1960	78	1880	75	4	30-114/26
85-68-7	Butyl benzyl phthalate	136	J	2500	3010	115* [b]	3040	116* [b]	1	27-110/28
100-51-6	Benzyl Alcohol	ND		2500	1440	58	1400	56	3	31-112/34
91-58-7	2-Chloronaphthalene	ND		2500	1300	52	1280	51	2	37-115/28
106-47-8	4-Chloroaniline	ND		2500	1250	50	1220	49	2	29-95/34
86-74-8	Carbazole	ND		2500	2310	92	2340	94	1	40-116/30
218-01-9	Chrysene	ND		2500	2420	97	2420	97	0	40-117/31
111-91-1	bis(2-Chloroethoxy)methane	ND		2500	1290	52	1250	50	3	31-99/30
111-44-4	bis(2-Chloroethyl)ether	ND		2500	1240	50	1230	49	1	30-106/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		2500	1270	51	1230	49	3	24-104/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MS	Y7657.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-MSD	Y7658.D	1	05/02/11	MT	05/02/11	OP3836	EY375
C15844-1 [a]	Y7656.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Compound	C15844-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	ND		2500	1680	67	1660	66	1	30-111/26
95-50-1	1,2-Dichlorobenzene	ND		2500	1190	48	1170	47	2	27-111/35
541-73-1	1,3-Dichlorobenzene	ND		2500	1130	45	1110	44	2	25-116/36
106-46-7	1,4-Dichlorobenzene	ND		2500	1150	46	1120	45	3	27-120/30
121-14-2	2,4-Dinitrotoluene	ND		2500	2100	84	2110	84	0	27-114/38
606-20-2	2,6-Dinitrotoluene	ND		2500	1830	73	1790	72	2	27-114/30
91-94-1	3,3'-Dichlorobenzidine	ND		5000	4550	91	4540	91	0	24-118/31
53-70-3	Dibenzo(a,h)anthracene	ND		2500	2210	88	2310	92	4	37-115/29
132-64-9	Dibenzofuran	ND		2500	1590	64	1540	62	3	28-113/27
122-39-4	Diphenylamine	ND		2500	2080	83	2030	81	2	23-117/28
84-74-2	Di-n-butyl phthalate	ND		2500	2530	101	2500	100	1	29-115/27
117-84-0	Di-n-octyl phthalate	734		2500	3940	128* [b]	3890	126	1	29-127/28
84-66-2	Diethyl phthalate	ND		2500	2210	88	2120	85	4	29-116/27
131-11-3	Dimethyl phthalate	ND		2500	1820	73	1740	70	4	30-110/26
117-81-7	bis(2-Ethylhexyl)phthalate	262	J	2500	3150	116	3040	111	4	27-121/29
206-44-0	Fluoranthene	ND		2500	2400	96	2410	96	0	40-120/32
86-73-7	Fluorene	ND		2500	1770	71	1730	69	2	40-119/30
118-74-1	Hexachlorobenzene	ND		2500	2090	84	2100	84	0	28-113/27
87-68-3	Hexachlorobutadiene	ND		2500	1290	52	1260	50	2	29-115/33
77-47-4	Hexachlorocyclopentadiene	ND		2500	608	24* [b]	579	23* [b]	5	26-114/41
67-72-1	Hexachloroethane	ND		2500	1090	44	1090	44	0	24-109/38
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2500	2210	88	2260	90	2	37-114/33
78-59-1	Isophorone	ND		2500	1240	50	1210	48	2	28-117/30
90-12-0	1-Methylnaphthalene	ND		2500	1260	50	1230	49	2	25-113/33
91-57-6	2-Methylnaphthalene	ND		2500	1330	53	1290	52	3	27-113/32
88-74-4	2-Nitroaniline	ND		2500	1820	73	1770	71	3	23-116/29
99-09-2	3-Nitroaniline	ND		2500	1890	76	1840	74	3	29-115/31
100-01-6	4-Nitroaniline	ND		2500	2260	90	2270	91	0	29-114/31
91-20-3	Naphthalene	ND		2500	1280	51	1260	50	2	24-113/32
98-95-3	Nitrobenzene	ND		2500	1260	50	1210	48	4	23-112/32
62-75-9	N-Nitrosodimethylamine	ND		2500	1200	49	1200	48	4	20-108/34
621-64-7	N-Nitroso-di-n-propylamine	ND		2500	1290	52	1220	49	6	26-127/43
85-01-8	Phenanthrene	ND		2500	2190	88	2120	85	3	41-113/32
129-00-0	Pyrene	ND		2500	2700	108	2810	112	4	45-134/33
110-86-1	Pyridine	ND		2500	750	30	744	30	1	20-78/38
120-82-1	1,2,4-Trichlorobenzene	ND		2500	1190	48	1160	46	3	31-122/44

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3836-MS	Y7657.D	1	05/02/11	MT	05/02/11	OP3836	EY375
OP3836-MSD	Y7658.D	1	05/02/11	MT	05/02/11	OP3836	EY375
C15844-1 [a]	Y7656.D	1	05/02/11	MT	05/02/11	OP3836	EY375

The QC reported here applies to the following samples: **Method:** SW846 8270C

C15860-5

CAS No.	Surrogate Recoveries	MS	MSD	C15844-1	Limits
367-12-4	2-Fluorophenol	55%	53%		20-100%
4165-62-2	Phenol-d5	56%	54%		20-100%
118-79-6	2,4,6-Tribromophenol	85%	89%		30-100%
4165-60-0	Nitrobenzene-d5	55%	53%		20-100%
321-60-8	2-Fluorobiphenyl	56%	54%		20-106%
1718-51-0	Terphenyl-d14	123%	127%		55-130%

(a) Sample used for QC purposes only.
(b) Outside control limits due to matrix interference.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3830-MB	GG24350.D	1	05/02/11	JH	05/02/11	OP3830	GGG673

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C15860-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries		Limits
630-01-3	Hexacosane	91%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3830-BS	GG24351.D	1	05/02/11	JH	05/02/11	OP3830	GGG673
OP3830-BSD	GG24352.D	1	05/02/11	JH	05/02/11	OP3830	GGG673

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C15860-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	100	80.1	80	82.6	83	3	45-140/30
	TPH (> C28-C40)	100	79.4	79	82.2	82	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	89%	93%	45-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15860
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3830-MS	GG24419.D	4	05/04/11	JH	05/02/11	OP3830	GGG674
OP3830-MSD	GG24420.D	4	05/04/11	JH	05/02/11	OP3830	GGG674
C15822-1	GG24405.D	1	05/03/11	JH	05/02/11	OP3830	GGG674

The QC reported here applies to the following samples: **Method:** SW846 8015B M

C15860-5

CAS No.	Compound	C15822-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	30.5		100	81.5	51	95.6	65	16	45-140/30
	TPH (> C28-C40)	41.8		100	124	82	118	76	5	45-140/30

CAS No.	Surrogate Recoveries	MS	MSD	C15822-1	Limits
630-01-3	Hexacosane	86%	90%	83%	45-140%

Northern California ACCUTEST LABORATORIES

04/12/11

Technical Report for

Sierra West Consultants, Inc.

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Accutest Job Number: C15418

Sampling Date: 04/04/11

Report to:

Sierra West Consultants, Inc.
4227 Sunrise Blvd Suite#220
Fair Oaks, CA 95628
jbensch@sierra-west.net; bwhalen@sierra-west.net

ATTN: Jeff Bensch

Total number of pages in report: **33**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5 6

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Accutest Laboratories

Sample Summary

Sierra West Consultants, Inc.

Job No: C15418

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C15418-1	04/04/11	13:26	BW	04/05/11	SO	Soil	CHIP-1
C15418-1W	04/04/11	13:26	BW	04/05/11	SO	Soil	CHIP-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	CHIP-1		
Lab Sample ID:	C15418-1	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/05/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M22681.D	1	04/05/11	XB	n/a	n/a	VM727
Run #2							

	Initial Weight
Run #1	1.56 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	16	4.8	ug/kg	
108-88-3	Toluene	ND	16	4.8	ug/kg	
100-41-4	Ethylbenzene	ND	16	4.8	ug/kg	
1330-20-7	Xylene (total)	ND	32	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	16	3.2	ug/kg	
	TPH-GRO (C6-C10)	252	320	160	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	94%		60-130%

(a) All results reported on wet weight basis.
(b) Elevated reporting limits due to limited amount of sample obtainable from concrete matrix.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	CHIP-1		
Lab Sample ID:	C15418-1	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/05/11
Method:	SW846 8082 SW846 3545A	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PP16627.D	1	04/05/11	RV	04/05/11	OP3700	GPP587
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		45-108%
877-09-8	Tetrachloro-m-xylene	78%		45-108%
2051-24-3	Decachlorobiphenyl	96%		54-121%
2051-24-3	Decachlorobiphenyl	81%		54-121%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: CHIP-1
Lab Sample ID: C15418-1
Matrix: SO - Soil
Project: F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Date Sampled: 04/04/11
Date Received: 04/05/11
Percent Solids: n/a [a]

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	1.8	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Arsenic	6.6	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Barium	410	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Beryllium	< 0.91	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Cadmium	3.1	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Chromium	58.5	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Cobalt	8.6	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Copper	80.8	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Lead	1210	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Mercury	0.11	0.037	mg/kg	1	04/05/11	04/06/11	RW	SW846 7471A [2]	SW846 7471A [4]
Molybdenum	8.0	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Nickel	30.5	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Selenium	< 1.8	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Silver	< 0.91	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Thallium	< 1.8	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Vanadium	26.2	0.91	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]
Zinc	1260	1.8	mg/kg	1	04/05/11	04/06/11	RS	SW846 6010B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA1808
(2) Instrument QC Batch: MA1809
(3) Prep QC Batch: MP3380
(4) Prep QC Batch: MP3388

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	CHIP-1		
Lab Sample ID:	C15418-1W	**Date Sampled:**	04/04/11
Matrix:	SO - Soil	**Date Received:**	04/05/11
		Percent Solids:	n/a
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis, STLC Leachate CA WET

Analyte	Result	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	< 1.3		1.3	mg/l	1	04/11/11	04/12/11	PH	SW846 6010B [1]	SW3010A [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3398

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

"SWCICAF03810"

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C15418

Client / Reporting Information		Project Information	
Company Name: Sierra West Consultants		Project Name: F&M Auto Service	
Address: 4227 Sunrise Blvd, Ste 220		Street: 1839 Foothill Blvd.	
City: Fair Oaks, State: CA, Zip: 95628		City: Oakland, State: CA	
Project Contact: Jeff Bensch		Project #:	
Phone #: 916-863-3220		EMAIL: JBensch@Sierra-West.net	
Samplers's Name: Brian Whalen		Client Purchase Order #:	

Requested Analysis: TPHs, BTEX "8260B", MTBE "8260B", CAM 17 Metals, PCBs

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPHs	BTEX	MTBE	CAM 17 Metals	PCBs	LAB USE ONLY
	Chip - 1	4/4/11	1326	BW	concrete	1					X				X	X	X	X	X	

1 DAY

1-2x6SS Tube

Turnaround Time (Business days)	Approved By:/ Date:
[ ] Standard TAT 15 Business Days	
[ ] 10 Day (Workload dependent)	
[ ] 5 Day (Workload dependent)	
[ ] 3 Day (125% markup)	
[ ] 2 Day (150% markup)	
[X] 1 Day (200% markup)	
[ ] Same Day (300% markup)	

Emergency T/A data available VIA Lablink

Data Deliverable Information
- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks

Email Results to: JBensch@Sierra-West.net
BWhalen@Sierra-West.net
When analyses are complete, call
B. Whalen @ (541) 912-1096

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	9:40 4/5/11	1 Mike Moorefield	2	4/5/11 11:40	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres (Y) N; Labels match Coc? (Y) N	Headspace Y/N N/A; On Ice (Y) N; Separate Receiving Check List used: (Y) N; Cooler Temp. 4.1/6.5 °C

C15418: Chain of Custody
Page 1 of 2

Accutest Laboratories Northern California Sample Receiving Check List Job# : C15418 Initial: JM

Review Chain of Custody — **Chain of Custody is to be complete and legible.**

- ☑ Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — (Yes) / No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? 4.6°C — (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method AC
- ☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? — (Yes) / No
- ☐ Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? **Greater than 6mm in diameter** **List sample ID and affected container** — Yes / No

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C15418: Chain of Custody
Page 2 of 2

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM727-MB2	M22677.D	1	04/05/11	XB	n/a	n/a	VM727

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15418-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	105%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Method Blank Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM727-MB	M22664.D	1	04/05/11	XB	n/a	n/a	VM727

The QC reported here applies to the following samples: **Method:** SW846 8260B

VM727-BSD, VM727-BS1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	105%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM727-BS1	M22667.D	1	04/05/11	XB	n/a	n/a	VM727

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15418-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	283	113	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM727-BS	M22665.D	1	04/05/11	XB	n/a	n/a	VM727
VM727-BSD	M22666.D	1	04/05/11	XB	n/a	n/a	VM727

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15418-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	43.9	110	41.9	105	5	60-130/30
100-41-4	Ethylbenzene	40	44.4	111	41.1	103	8	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	42.3	106	40.7	102	4	60-130/30
108-88-3	Toluene	40	43.1	108	40.7	102	6	60-130/30
1330-20-7	Xylene (total)	120	129	108	119	99	8	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	103%	103%	60-130%
2037-26-5	Toluene-D8	99%	97%	60-130%
460-00-4	4-Bromofluorobenzene	98%	96%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15396-3MS	M22679.D	1	04/05/11	XB	n/a	n/a	VM727
C15396-3MSD	M22680.D	1	04/05/11	XB	n/a	n/a	VM727
C15396-3	M22670.D	1	04/05/11	XB	n/a	n/a	VM727

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15418-1

CAS No.	Compound	C15396-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.6	38.8	98	45.6	114	16	60-130/30
100-41-4	Ethylbenzene	ND		39.6	32.7	83	39.3	98	18	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.6	46.6	118	55.0	138* [a]	17	60-130/30
108-88-3	Toluene	ND		39.6	34.6	87	41.7	104	19	60-130/30
1330-20-7	Xylene (total)	ND		119	97.0	82	118	98	20	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15396-3	Limits
1868-53-7	Dibromofluoromethane	103%	103%	101%	60-130%
2037-26-5	Toluene-D8	98%	99%	103%	60-130%
460-00-4	4-Bromofluorobenzene	96%	97%	95%	60-130%

(a) Outside laboratory control limits.

Northern California ACCUTEST LABORATORIES

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3700-MB	PP16630.D	1	04/05/11	RV	04/05/11	OP3700	GPP587

The QC reported here applies to the following samples: **Method:** SW846 8082

C15418-1

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	51%	45-108%
877-09-8	Tetrachloro-m-xylene	53%	45-108%
2051-24-3	Decachlorobiphenyl	94%	54-121%
2051-24-3	Decachlorobiphenyl	77%	54-121%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3700-BS	PP16631.D	1	04/05/11	RV	04/05/11	OP3700	GPP587
OP3700-BSD	PP16632.D	1	04/05/11	RV	04/05/11	OP3700	GPP587

The QC reported here applies to the following samples: **Method:** SW846 8082

C15418-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	400	233	58	228	57	2	40-145/30
11096-82-5	Aroclor 1260	400	348	87	375	94	7	40-145/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	60%	57%	45-108%
877-09-8	Tetrachloro-m-xylene	61%	59%	45-108%
2051-24-3	Decachlorobiphenyl	99%	106%	54-121%
2051-24-3	Decachlorobiphenyl	82%	88%	54-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15418
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP3700-MS	PP16628.D	1	04/05/11	RV	04/05/11	OP3700	GPP587
OP3700-MSD	PP16629.D	1	04/05/11	RV	04/05/11	OP3700	GPP587
C15418-1	PP16627.D	1	04/05/11	RV	04/05/11	OP3700	GPP587

The QC reported here applies to the following samples: **Method:** SW846 8082

C15418-1

CAS No.	Compound	C15418-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND		400	303	76	306	77	1	40-145/40
11096-82-5	Aroclor 1260	ND		400	363	91	378	95	4	40-145/40

CAS No.	Surrogate Recoveries	MS	MSD	C15418-1	Limits
877-09-8	Tetrachloro-m-xylene	74%	72%	73%	45-108%
877-09-8	Tetrachloro-m-xylene	73%	70%	78%	45-108%
2051-24-3	Decachlorobiphenyl	98%	93%	96%	54-121%
2051-24-3	Decachlorobiphenyl	84%	75%	81%	54-121%

Northern California ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3380 Methods: SW846 6010B
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/04/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	1.3	2		
Antimony	2.0	.07	.087	0.28	<2.0
Arsenic	2.0	.07	.07	0.040	<2.0
Barium	1.0	.04	.035	0.75	<1.0
Beryllium	1.0	.02	.012	-0.010	<1.0
Boron	10	.09	.2		
Cadmium	1.0	.02	.015	0.010	<1.0
Calcium	300	.71	7.6		
Chromium	1.0	.03	.054	0.10	<1.0
Cobalt	1.0	.02	.022	0.010	<1.0
Copper	1.0	.12	.19	0.15	<1.0
Iron	10	.64	1.6		
Lead	2.0	.07	.054	-0.040	<2.0
Magnesium	200	2.7	1.5		
Manganese	1.0	.01	.054		
Molybdenum	1.0	.02	.024	0.030	<1.0
Nickel	1.0	.02	.024	0.080	<1.0
Potassium	200	1.8	1.3		
Selenium	2.0	.18	.23	0.070	<2.0
Silicon	20	.12	.77		
Silver	1.0	.03	.044	-0.040	<1.0
Sodium	300	1.5	4.8		
Strontium	1.0	.02	.017		
Thallium	2.0	.05	.073	-0.11	<2.0
Tin	50	.02	.41		
Titanium	1.0	.04	.079		
Vanadium	1.0	.03	.025	0.010	<1.0
Zinc	2.0	.03	.098	3.9	* (a)

Associated samples MP3380: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) All sample results >10x method blank concentration.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3380
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/04/11

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony	46.3	50	92.6	80-120
Arsenic	46.3	50	92.6	80-120
Barium	46.3	50	92.6	80-120
Beryllium	46.5	50	93.0	80-120
Boron				
Cadmium	45.9	50	91.8	80-120
Calcium				
Chromium	47.8	50	95.6	80-120
Cobalt	48.2	50	96.4	80-120
Copper	46.0	50	92.0	80-120
Iron				
Lead	44.3	50	88.6	80-120
Magnesium				
Manganese				
Molybdenum	46.7	50	93.4	80-120
Nickel	44.7	50	89.4	80-120
Potassium				
Selenium	45.6	50	91.2	80-120
Silicon				
Silver	46.4	50	92.8	80-120
Sodium				
Strontium				
Thallium	46.8	50	93.6	80-120
Tin				
Titanium				
Vanadium	46.5	50	93.0	80-120
Zinc	48.3	50	96.6	80-120

Associated samples MP3380: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3388 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/05/11

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.042	.0017	.0043	-0.0065	<0.042

Associated samples MP3388: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3388 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/05/11

Metal	C15400-2 Original	MS	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.018	0.36	0.313	109.4	75-125

Associated samples MP3388: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3388 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/05/11

Metal	C15400-2 Original	MSD	Spikelot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.018	0.37	0.317	110.9	2.7	20

Associated samples MP3388: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3388 Methods: SW846 7471A
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/05/11

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
Mercury	0.20	0.167	120.0	80-120

Associated samples MP3388: C15418-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	2.5	.5	.65		
Antimony	1.3	.25	.25		
Arsenic	1.3	.2	.23		
Barium	0.50	.0075	.0075		
Beryllium	0.25	.0025	.005		
Boron	1.3	.18	.18		
Cadmium	0.25	.015	.02		
Calcium	130	.36	.36		
Chromium	0.50	.018	.018		
Cobalt	0.50	.018	.018		
Copper	0.50	.015	.02		
Iron	2.5	.063	.063		
Lead	1.3	.1	.13	0.043	<1.3
Lithium	0.50	.03	.03		
Magnesium	2.5	.28	.48		
Manganese	0.50	.0025	.013		
Molybdenum	0.50	.03	.03		
Nickel	0.50	.025	.045		
Potassium	130	.76	.85		
Selenium	0.50	.29	.31		
Silicon	1.3	.19	.19		
Silver	0.50	.013	.015		
Sodium	130	.2	.2		
Strontium	0.50	.005	.01		
Thallium	1.3	.21	.21		
Tin	1.3	.068	.09		
Titanium	0.50	.005	.005		
Vanadium	0.50	.013	.02		
Zinc	1.3	.01	.025		

Associated samples MP3398: C15418-1W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	C15405-5W Original MS		Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium	anr				
Cobalt					
Copper					
Iron					
Lead	1.4	13.3	12.5	95.2	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc					

Associated samples MP3398: C15418-1W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398 Methods: SW846 6010B
Matrix Type: LEACHATE Units: mg/l

Prep Date: 04/11/11

Metal	C15405-5W Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium	anr					
Cobalt						
Copper						
Iron						
Lead	1.4	13.3	12.5	95.2	0.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP3398: C15418-1W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 04/11/11

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	11.9	12.5	95.2	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP3398: C15418-1W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C15418
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3398 Methods: SW846 6010B
Matrix Type: LEACHATE Units: ug/l

Prep Date: 04/11/11

Metal	C15405-5W Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	anr			
Cobalt				
Copper				
Iron				
Lead	57.9	63.0	8.8	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP3398: C15418-1W

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

ACCUTEST LABORATORIES

05/16/11

Technical Report for

Sierra West Consultants, Inc.

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Accutest Job Number: C15418X

Sampling Date: 04/04/11

Report to:

Sierra West Consultants, Inc.
4227 Sunrise Blvd Suite#220
Fair Oaks, CA 95628
jbensch@sierra-west.net; bwhalen@sierra-west.net

ATTN: Jeff Bensch

Total number of pages in report:

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Accutest Laboratories

Sample Summary

Sierra West Consultants, Inc.

Job No: C15418X

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
C15418-1X	04/04/11	13:26	BW	04/05/11	SO	Soil	CHIP-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CHAIN OF CUSTODY

ACCUTEST® LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201
"SWCICAF03210"

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C15418

Client / Reporting Information		Project Information	
Company Name: Sierra West Consultants		Project Name: F&M Auto Service	
Address: 4227 Sunrise Blvd, Ste 220		Street: 1839 Foothill Blvd.	
City: Fair Oaks, State: CA, Zip: 95628		City: Oakland, State: CA	
Project Contact: Jeff Bensch		Project #	
Phone #: 916-863-3220		EMAIL: JBensch@Sierra-West.net	
Samplers's Name: Brian Whalen		Client Purchase Order #	

Requested Analysis: TPHg "8260B", BTEX, MTBE, CAM 17 Metals, PCBs

Matrix Codes: WW- Wastewater, GW- Ground Water, SW- Surface Water, SO- Soil, OI-Oil, WP-Wipe, LIQ - Non-aqueous Liquid, AIR, DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPHg	BTEX	MTBE	CAM 17 Metals	PCBs	LAB USE ONLY
	Chip - 1	4/4/11	1326	BW	concrete	1					X				X	X	X	X	X	

1 DAY

1-2x6SS tube

Turnaround Time (Business days) — Approved By:/ Date:

- [ ] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [x] 1 Day *(200% markup)*
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [x] Commercial "B" - Results with QC summaries
- [x] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [ ] EDF for Geotracker [ ] EDD Format____
- Provide EDF Global ID ____
- Provide EDF Logcode: ____

Comments / Remarks

Email Results to: JBensch@Sierra-West.net
BWhalen@Sierra-West.net
When analyses are complete, call
B. Whalen @ (541) 912-1096

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	4/5/11 9:46	1 Mike Moorefield	2	4/5/11 11:40	2 [signature]
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres (Y) N; Labels match Coc? (Y) N	Headspace Y/N N/A; On Ice (Y) N; Separate Receiving Check List used: (Y) N; Cooler Temp. 4.1/4.5 °C

Accutest Laboratories Northern California Sample Receiving Check List Job#: C15418 Initial: JM

Review Chain of Custody — **Chain of Custody is to be complete and legible.**

- ☑ Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — (Yes) / No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐ address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? 4.6°C — (Yes) / No
  - ✓ If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method AC
- ☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) / No
- ☑ Is there enough sample volume in proper bottle for requested analyses? — (Yes) / No
- ☐ Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? **Greater than 6mm in diameter** — Yes / No
  - **List sample ID and affected container**

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

Subcontract Data

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Accutest Laboratories	Client Project ID: SWCICAF03210 (C15418)	Date Sampled: 04/04/11
		Date Received: 05/12/11
2105 Lundy Ave	Client Contact: Diane Theesen	Date Reported: 05/16/11
San Jose, CA 95131	Client P.O.: #C15418	Date Completed: 05/16/11

WorkOrder: 1105358

May 16, 2011

Dear Diane:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **SWCICAF03210 (C15418),**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

1105358

Northern California ACCUTEST Laboratories

Accutest ID and PO#: C15418

2105 Lundy Avenue, San Jose, CA 95131 Phone :(408)588-0200 Fax: (408)588-0201

Subcontract Chain of Custody

Subcontract Lab: McCampbell
Date Sent: 05-12-11
Date Due: 2 Day TAT

Project Name: SWCICAF03210(C15418)
Project Location: Oakland, CA

Accutest Lab Number	Customer Sample Name/Field Point ID	Matrix	Method EPA 8260	Collect Date	Collect Time
C15418-1	Chip-1	Sol	TCLP-PB	4-4-11	1326

Comments: Email dianet@accutest.com the report. Call with questions.
408-588-0200x244

Relinquished By:	Received By:	Date:	Time:
		5/12/11	11:25
Relinquished By:	Received By:	Date:	Time:
		5/12/11	1540
Relinquished By:	Received By:	Date:	Time:

RUSH

ICE / t° 11-8
GOOD CONDITION ____ APPROPRIATE
HEAD SPACE ABSENT ____ CONTAINERS ____
DECHLORINATED IN LAB ____ PRESERVED IN LAB ____
PRESERVATION VOAS | O & G | METALS | OTHER

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1105358 **ClientCode: EALY**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Diane Theesen
Accutest Laboratories
2105 Lundy Ave
San Jose, CA 95131
(408) 588-0200 FAX (408) 588-0201

Email: dianet@accutest.com
cc:
PO: #C15418
ProjectNo: SWCICAF03210 (C15418)

Bill to:
Accounts Payable
Accutest Laboratories
2235 Route 130
Dayton, NJ 08810
janeyk@accutest.com

Requested TAT: 2 days

Date Received: **05/12/2011**
Date Printed: **05/12/2011**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1105358-001	Chip-1	Soil	4/4/2011 13:26	☐	A											

Test Legend:

1	TCLP_PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Ana Venegas

Comments: 48hr rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Sample Receipt Checklist

Client Name: **Accutest Laboratories**
Date and Time Received: **5/12/2011 4:14:38 PM**

Project Name: **SWCICAF03210 (C15418)**
Checklist completed and reviewed by: Ana Venegas

WorkOrder N°: **1105358** Matrix Soil
Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☐	No ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 11.8°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Accutest Laboratories	Client Project ID: SWCICAF03210 (C15418)	Date Sampled: 04/04/11
		Date Received: 05/12/11
2105 Lundy Ave	Client Contact: Diane Theesen	Date Extracted: 05/12/11-05/13/11
San Jose, CA 95131	Client P.O.: #C15418	Date Analyzed: 05/16/11

Lead by ICP*

Extraction method: SW1311/SW3050B Analytical methods: SW6010B Work Order: 1105358

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1105358-001A	Chip-1	S	TCLP	ND	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TCLP	0.2	mg/L

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 58191 WorkOrder 1105358

EPA Method SW6010B **Extraction SW1311/SW3050B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Lead	N/A	1	N/A	N/A	N/A	78	85	8.49	N/A	N/A	75 - 125	25

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 58191 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1105358-001A	04/04/11 1:26 PM	05/12/11	05/16/11 10:51 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification 1644 QA/QC Officer

ATTACHMENT F

LABORATORY ANALYTICAL REPORT
SOIL SAMPLES

Northern California ACCUTEST LABORATORIES

04/21/11

Technical Report for

Sierra West Consultants, Inc.

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Accutest Job Number: C15478

Sampling Dates: 04/06/11 - 04/07/11

Report to:

Sierra West Consultants, Inc.
4227 Sunrise Blvd Suite#220
Fair Oaks, CA 95628
jbensch@sierra-west.net; bwhalen@sierra-west.net

ATTN: Jeff Bensch

Total number of pages in report: **71**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Simon Hague 408-588-0200

Certifications: CA (08258CA) AZ (AZ0762) DoD/ISO/IEC 17025:2005 (L2242)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5

Table of Contents

-1-

Accutest Laboratories

Sample Summary

Sierra West Consultants, Inc.

Job No: C15478

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C15478-1	04/06/11	13:30	BW	04/08/11	SO	Soil	2A
C15478-2	04/06/11	13:35	BW	04/08/11	SO	Soil	2B
C15478-3	04/06/11	13:40	BW	04/08/11	SO	Soil	1A
C15478-4	04/06/11	13:45	BW	04/08/11	SO	Soil	1B
C15478-5	04/06/11	17:00	BW	04/08/11	SO	Soil	4SW
C15478-6	04/06/11	17:05	BW	04/08/11	SO	Soil	4A
C15478-7	04/06/11	17:10	BW	04/08/11	SO	Soil	4B
C15478-8	04/06/11	17:15	BW	04/08/11	SO	Soil	4SE
C15478-9	04/07/11	10:10	BW	04/08/11	SO	Soil	3A
C15478-10	04/07/11	10:05	BW	04/08/11	SO	Soil	3SW
C15478-11	04/07/11	09:50	BW	04/08/11	SO	Soil	3SE
C15478-12	04/07/11	09:55	BW	04/08/11	SO	Soil	3B
C15478-13	04/07/11	11:25	BW	04/08/11	SO	Soil	DI-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Sierra West Consultants, Inc.

Job No: C15478

F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
C15478-14	04/07/11	11:30	BW	04/08/11	SO	Soil	FL-2
C15478-15	04/07/11	11:35	BW	04/08/11	SO	Soil	DI-2
C15478-16	04/07/11	11:40	BW	04/08/11	SO	Soil	FL-1
C15478-17	04/07/11	12:45	BW	04/08/11	SO	Soil	1S
C15478-18	04/07/11	12:50	BW	04/08/11	SO	Soil	2S

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Northern California ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	2A		
Lab Sample ID:	C15478-1	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22964.D	1	04/12/11	XB	n/a	n/a	VM734
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.05 g	5.0 ml	80.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	310	93	ug/kg	
108-88-3	Toluene	ND	310	93	ug/kg	
100-41-4	Ethylbenzene	ND	310	93	ug/kg	
1330-20-7	Xylene (total)	ND	620	250	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	310	62	ug/kg	
	TPH-GRO (C6-C10)	19400	6200	3100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	2A		
Lab Sample ID:	C15478-1	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	4.5	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	2B		
Lab Sample ID:	C15478-2	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22963.D	1	04/12/11	XB	n/a	n/a	VM734
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.18 g	5.0 ml	30.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	800	240	ug/kg	
108-88-3	Toluene	ND	800	240	ug/kg	
100-41-4	Ethylbenzene	293	800	240	ug/kg	J
1330-20-7	Xylene (total)	ND	1600	640	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	800	160	ug/kg	
	TPH-GRO (C6-C10)	87500	16000	8000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	2B		
Lab Sample ID:	C15478-2	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	12.0	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	1A		
Lab Sample ID:	C15478-3	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22962.D	1	04/12/11	XB	n/a	n/a	VM734
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.25 g	5.0 ml	1.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	24000	7100	ug/kg	
108-88-3	Toluene	ND	24000	7100	ug/kg	
100-41-4	Ethylbenzene	46200	24000	7100	ug/kg	
1330-20-7	Xylene (total)	159000	48000	19000	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	24000	4800	ug/kg	
	TPH-GRO (C6-C10)	1990000	480000	240000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	1A		
Lab Sample ID:	C15478-3	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	71.2	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	1B		
Lab Sample ID:	C15478-4	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23034.D	1	04/14/11	XB	n/a	n/a	VM736
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.13 g	5.0 ml	5.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4900	1500	ug/kg	
108-88-3	Toluene	ND	4900	1500	ug/kg	
100-41-4	Ethylbenzene	1820	4900	1500	ug/kg	J
1330-20-7	Xylene (total)	10700	9700	3900	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4900	970	ug/kg	
	TPH-GRO (C6-C10)	456000	97000	49000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	1B		
Lab Sample ID:	C15478-4	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	28.8	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	4SW		
Lab Sample ID:	C15478-5	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22906.D	1	04/11/11	XB	n/a	n/a	VM733
Run #2							

	Initial Weight
Run #1	5.16 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5.3	4.8	1.5	ug/kg	
108-88-3	Toluene	23.9	4.8	1.5	ug/kg	
100-41-4	Ethylbenzene	9.5	4.8	1.5	ug/kg	
1330-20-7	Xylene (total)	169	9.7	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.97	ug/kg	
	TPH-GRO (C6-C10)	671	97	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	4SW		
Lab Sample ID:	C15478-5	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	40.1	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	4A		
Lab Sample ID:	C15478-6	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22905.D	1	04/11/11	XB	n/a	n/a	VM733
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	10.7	9.9	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	
	TPH-GRO (C6-C10)	98.9	99	49	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	4A		
Lab Sample ID:	C15478-6	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	8.2	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	4B		
Lab Sample ID:	C15478-7	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M22929.D	1	04/12/11	XB	n/a	n/a	VM733
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.20 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	240	72	ug/kg	
108-88-3	Toluene	78.8	240	72	ug/kg	J
100-41-4	Ethylbenzene	109	240	72	ug/kg	J
1330-20-7	Xylene (total)	685	480	190	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	240	48	ug/kg	
	TPH-GRO (C6-C10)	7260	4800	2400	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	111%		60-130%

(a) All results reported on wet weight basis.
(b) Dilution required due to high concentration of non-target hydrocarbons.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	4B		
Lab Sample ID:	C15478-7	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	37.5	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	4SE		
Lab Sample ID:	C15478-8	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M22920.D	1	04/11/11	XB	n/a	n/a	VM733
Run #2							

	Initial Weight
Run #1	5.13 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.7	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.97	ug/kg	
	TPH-GRO (C6-C10)	ND	97	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	4SE		
Lab Sample ID:	C15478-8	**Date Sampled:**	04/06/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	13.7	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	3A		
Lab Sample ID:	C15478-9	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23033.D	1	04/14/11	XB	n/a	n/a	VM736
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	8.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	3000	910	ug/kg	
108-88-3	Toluene	ND	3000	910	ug/kg	
100-41-4	Ethylbenzene	4480	3000	910	ug/kg	
1330-20-7	Xylene (total)	8500	6100	2400	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	3000	610	ug/kg	
	TPH-GRO (C6-C10)	378000	61000	30000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		60-130%
2037-26-5	Toluene-D8	98%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	3A		
Lab Sample ID:	C15478-9	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	9.3	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	3SW		
Lab Sample ID:	C15478-10	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23071.D	1	04/16/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.20 g	5.0 ml	80.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	300	90	ug/kg	
108-88-3	Toluene	ND	300	90	ug/kg	
100-41-4	Ethylbenzene	449	300	90	ug/kg	
1330-20-7	Xylene (total)	1020	600	240	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	300	60	ug/kg	
	TPH-GRO (C6-C10)	56400	6000	3000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	3SW		
Lab Sample ID:	C15478-10	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.4	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	3SE		
Lab Sample ID:	C15478-11	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [b]	M23066.D	1	04/15/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	15.6	4.9	0.98	ug/kg	
	TPH-GRO (C6-C10)	187	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

(a) All results reported on wet weight basis.
(b) Atypical gasoline pattern.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	3SE		
Lab Sample ID:	C15478-11	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	3.7	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	3B		
Lab Sample ID:	C15478-12	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23068.D	1	04/16/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	2.99 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	8.4	2.5	ug/kg	
108-88-3	Toluene	ND	8.4	2.5	ug/kg	
100-41-4	Ethylbenzene	2.8	8.4	2.5	ug/kg	J
1330-20-7	Xylene (total)	ND	17	6.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	15.4	8.4	1.7	ug/kg	
	TPH-GRO (C6-C10)	857	170	84	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	106%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	3B		
Lab Sample ID:	C15478-12	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.3	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DI-1		
Lab Sample ID:	C15478-13	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23051.D	1	04/15/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	5.08 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	DI-1		
Lab Sample ID:	C15478-13	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	18.1	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FL-2		
Lab Sample ID:	C15478-14	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23063.D	1	04/15/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	5.21 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.8	1.4	ug/kg	
108-88-3	Toluene	ND	4.8	1.4	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	1.4	ug/kg	
1330-20-7	Xylene (total)	ND	9.6	3.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	0.96	ug/kg	
	TPH-GRO (C6-C10)	ND	96	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FL-2		
Lab Sample ID:	C15478-14	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	5.0	1.9	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DI-2		
Lab Sample ID:	C15478-15	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23064.D	1	04/15/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.99	ug/kg	
	TPH-GRO (C6-C10)	ND	99	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		60-130%
2037-26-5	Toluene-D8	104%		60-130%
460-00-4	4-Bromofluorobenzene	98%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	DI-2		
Lab Sample ID:	C15478-15	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.6	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FL-1		
Lab Sample ID:	C15478-16	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23065.D	1	04/15/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight
Run #1	5.09 g
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	4.9	1.5	ug/kg	
108-88-3	Toluene	ND	4.9	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.8	3.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	0.98	ug/kg	
	TPH-GRO (C6-C10)	ND	98	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FL-1		
Lab Sample ID:	C15478-16	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	17.0	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	1S		
Lab Sample ID:	C15478-17	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23072.D	1	04/16/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.00 g	5.0 ml	15.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1700	500	ug/kg	
108-88-3	Toluene	1980	1700	500	ug/kg	
100-41-4	Ethylbenzene	4780	1700	500	ug/kg	
1330-20-7	Xylene (total)	23400	3300	1300	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1700	330	ug/kg	
	TPH-GRO (C6-C10)	212000	33000	17000	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	1S		
Lab Sample ID:	C15478-17	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd, Oakland, CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	7.1	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	2S		
Lab Sample ID:	C15478-18	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
Method:	SW846 8260B	**Percent Solids:**	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M23073.D	1	04/16/11	XB	n/a	n/a	VM737
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	30.0 ul
Run #2			

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	810	240	ug/kg	
108-88-3	Toluene	ND	810	240	ug/kg	
100-41-4	Ethylbenzene	1420	810	240	ug/kg	
1330-20-7	Xylene (total)	2080	1600	640	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	810	160	ug/kg	
	TPH-GRO (C6-C10)	98000	16000	8100	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	97%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	2S		
Lab Sample ID:	C15478-18	**Date Sampled:**	04/07/11
Matrix:	SO - Soil	**Date Received:**	04/08/11
		Percent Solids:	n/a [a]
Project:	F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Lead	6.9	1.8	mg/kg	1	04/12/11	04/12/11	PH	SW846 6010B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA1820
(2) Prep QC Batch: MP3406

(a) All results reported on wet weight basis.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

SWCICAF03210

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest NC Job #: C C15478

Client / Reporting Information

Company Name: Sierra West Consultants
Address: 4227 Sunrise Blvd Ste. 220
City: Fair Oaks State: CA Zip: 95628
Project Contact: Jeff Bensch
Phone #: 916-863-3220
Samplers's Name: Brian Whalen

Project Information

Project Name: F&M Auto Service
Street: 1839 Foothill Blvd.
City: Oakland State: CA
Project #:
EMAIL: JBensch@Sierra-West.net
Client Purchase Order #:

Requested Analysis: TPHg, BTEX (8260B), MTBE, Total Lead (6010)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPHg	BTEX	MTBE	Total Lead	LAB USE ONLY
-1	2A	4/6/11	1330	BW	SO	1					1				X	X	X	X	1-2x6SS liner
-2	2B	↓	1335	↓	↓	↓									↓	↓	↓	↓	1-2x6 liner
-3	1A		1340																↓
-4	1B		1345																
-5	4SW		1700																
-6	4A		1705																
-7	4B		1710																
-8	4SE	↓	1715																
-9	3A	4/7/11	1000																
-10	3SW	↓	1005	↓	↓	↓									↓	↓	↓	↓	↓

Matrix Codes: WW- Wastewater; GW- Ground Water; SW- Surface Water; SO- Soil; OI-Oil; WP-Wipe; LIQ - Non-aqueous Liquid; AIR; DW- Drinking Water (Perchlorate Only)

Turnaround Time (Business days) — Approved By / Date:
- [X] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Emergency T/A data available VIA Lablink

Data Deliverable Information
- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commercial "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker [ ] EDD Format
- Provide EDF Global ID
- Provide EDF Logcode:

Comments / Remarks: COC #1 of 2

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	4/8/11 @ 1130	1 [signature]	2 [signature]	4/8/11 12:10	2 [signature] 04/08/11 12:17
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres (Y)/N; Labels match Coc? (Y)/N; Headspace Y/N N/A; Separate Receiving Check List used: (Y)/N; On Ice (Y)/N	Cooler Temp. 4.1+0.5=4.6°C

C15478: Chain of Custody
Page 1 of 3

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest NC Job #: C C15478

Client / Reporting Information

Company Name: Sierra West Consultants
Address: 4227 Sunrise Blvd, Ste. 220
City: Fair Oaks State: CA Zip: 95628
Project Contact: Jeff Bensch
Phone #: 916-863-3220
Samplers's Name: Brian Whalen

Project Information

Project Name: F&M Auto Service
Street: 1839 Foothill Blvd.
City: Oakland, CA State:
Project #:
EMAIL: JBensch@Sierra-West.net
Client Purchase Order #:

Requested Analysis: TPHg, BTEX, MTBE, Total Lead

Matrix Codes: WW- Wastewater, GW- Ground Water, SW- Surface Water, SO- Soil, OI-Oil, WP-Wipe, LIQ - Non-aqueous Liquid, AIR, DW- Drinking Water (Perchlorate Only)

Accutest Sample ID	Sample ID / Field Point / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	TPHg	BTEX	MTBE	Total Lead							LAB USE ONLY
-11	3SE	4/7/11	950	BW	SO	1					1				X	X	X	X							1-2x6 liner
-12	3B	↓	955	↓	↓	↓					↓				↓	↓	↓	↓							
-13	DI-1	↓	1125	↓	↓	↓					↓				↓	↓	↓	↓							
-14	FL-2	↓	1130	↓	↓	↓					↓				↓	↓	↓	↓							
-15	DI-2	↓	1135	↓	↓	↓					↓				↓	↓	↓	↓							
-16	FL-1	↓	1140	↓	↓	↓					↓				↓	↓	↓	↓							
-17	1S	↓	1245	↓	↓	↓					↓				↓	↓	↓	↓							
-18	2S	↓	1250	↓	↓	↓					↓				↓	↓	↓	↓							
-19 (crossed out)																									

Turnaround Time (Business days)

- [X] Standard TAT 15 Business Days
- [ ] 10 Day (Workload dependent)
- [ ] 5 Day (Workload dependent)
- [ ] 3 Day (125% markup)
- [ ] 2 Day (150% markup)
- [ ] 1 Day (200% markup)
- [ ] Same Day (300% markup)

Approved By:/ Date:

Emergency T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" - Results only
- [X] Commercial "B" - Results with QC summaries
- [ ] Commerical "B+" - Results, QC, and chromatograms
- [ ] FULT1 - Level 4 data package
- [X] EDF for Geotracker
- [ ] EDD Format

Provide EDF Global ID
Provide EDF Logcode:

Comments / Remarks

COC #2 of 2

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1 B. Whalen	Date Time: 4/8/11 @ 1130	Received By: 1 Mike Moorfield	Relinquished By: 2 Mike Moorfield	Date Time: 4/8/11 12:10	Received By: 2 [signature] 04/08/11 12:17
Relinquished by: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	Appropriate Bottle / Pres. Y / N; Labels match Coc? Y / N; Headspace Y / N; Separate Receiving Check List used: Y / N; On Ice (Y) / N	Cooler Temp. 4.1/4.0 5.4 6.6

Accutest Laboratories Northern California Sample Receiving Check List Job# : C15478 Initial: JM/EK

Review Chain of Custody — Chain of Custody is to be complete and legible.

- ☑ Are these regulatory ~~(NPDES)~~ samples? ~~CWA~~ — (Yes) No
- ☑ Is pH requested? — Yes / (No)
  - ☐ Was Client informed that hold time is 15 min? Yes / No — Continue Yes / No
  - ☐ Was ortho-Phosphate filtered with in 15 min? Yes / No — Continue Yes / No
- ☑ Are sample within hold time? — (Yes) / No
  - Are sample in danger of exceeding hold-time — Yes / (No)
- ☑ Existing Client? (Yes) / No — Existing Project? (Yes) / No
  - If No: Is Report to info complete and legible, including;
    - ☐ deliverable ☐ Name ☐ Address ☐ phone ☐ e-mail
  - Is Bill to info complete and legible, including;
    - ☐ PO# ☐ Credit card ☐ Contact ☐address ☐ phone ☐ e-mail
  - Is Contact and/or Project Manager identified, including;
    - ☐ phone ☐ e-mail
    - ☐ Project name / number
- ☑ Special requirements? — Yes / (No)
- ☑ Sample IDs / date & time of collection provided? — (Yes) / No
- ☑ Is Matrix listed and correct? — (Yes) / No
- ☑ Analyses listed, we do, or client has authorized a subcontract? — (Yes) / No
- ☑ Chain is signed and dated by both client and sample custodian? — (Yes) / No
- ☑ TAT requested available? (Yes) / No — Approved by PM

Review Coolers:

- ☑ Were all Coolers temperatures measured at ≤6°C? 4.6°C — (Yes) / No
  - If cooler is outside the ≤6°C; note down the affected bottles in that cooler on the left
- ☑ Are samples on Ice? — (Yes) / No

Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)

- ☑ Shipment Received Method AC
- ☑ Custody Seals: Present: Yes / (No) — If Yes; Unbroken: Yes / No

Review of Sample Bottles: If you answer no, explain to the side

- ☑ Chain matches bottle labels? (Yes) / No — ☑ Sample bottle intact? (Yes) No
- ☑ Is there enough sample volume in proper bottle for requested analyses? — (Yes) / No
- ☐ Proper Preservatives? Yes / No
  - Check pH on preserved samples except 1664, 625, 8270 and VOAs; make notes on left.
- ☐ Headspace-VOAs? **Greater than 6mm in diameter** **List sample ID and affected container** — Yes / No

Client Sample ID	pH Check	Other Comments/Issues

Non-Compliance issues and discrepancies on the COC are forwarded to Project Management

\\Accunca.accutest.com\depts\qa\sops\sop_completelist_2010\current_active_sop_oct_2010\sc001f1_0_form1_samplecontrol_samplereceivingchecklist_2009-01-01.doc

C15478: Chain of Custody
Page 3 of 3

Northern California ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM733-MB	M22895.D	1	04/11/11	XB	n/a	n/a	VM733

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-5, C15478-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM733-MB2	M22912.D	1	04/11/11	XB	n/a	n/a	VM733

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-7, C15478-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	102%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM734-MB2	M22958.D	1	04/12/11	XB	n/a	n/a	VM734

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-1, C15478-2, C15478-3

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	101%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM736-MB	M23015.D	1	04/14/11	XB	n/a	n/a	VM736

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-4, C15478-9

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM737-MB	M23041.D	1	04/15/11	XB	n/a	n/a	VM737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-13

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	104%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM737-MB2	M23055.D	1	04/15/11	XB	n/a	n/a	VM737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-10, C15478-11, C15478-12, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	104%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Method Blank Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM734-MB	M22939.D	1	04/12/11	XB	n/a	n/a	VM734

The QC reported here applies to the following samples: **Method:** SW846 8260B

VM734-BSD, VM734-BS1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM733-BS1	M22898.D	1	04/11/11	XB	n/a	n/a	VM733

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-5, C15478-6, C15478-7, C15478-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	243	97	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM734-BS1	M22942.D	1	04/12/11	XB	n/a	n/a	VM734

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-1, C15478-2, C15478-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	260	104	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM736-BS1	M23018.D	1	04/14/11	XB	n/a	n/a	VM736

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-4, C15478-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	247	99	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	60-130%
2037-26-5	Toluene-D8	98%	60-130%
460-00-4	4-Bromofluorobenzene	100%	60-130%

Blank Spike Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM737-BS1	M23044.D	1	04/15/11	XB	n/a	n/a	VM737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	256	102	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	60-130%
2037-26-5	Toluene-D8	103%	60-130%
460-00-4	4-Bromofluorobenzene	98%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM733-BS	M22896.D	1	04/11/11	XB	n/a	n/a	VM733
VM733-BSD	M22897.D	1	04/11/11	XB	n/a	n/a	VM733

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-5, C15478-6, C15478-7, C15478-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	43.4	109	42.6	107	2	60-130/30
100-41-4	Ethylbenzene	40	41.0	103	40.5	101	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	45.6	114	44.9	112	2	60-130/30
108-88-3	Toluene	40	40.7	102	40.3	101	1	60-130/30
1330-20-7	Xylene (total)	120	121	101	119	99	2	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	106%	106%	60-130%
2037-26-5	Toluene-D8	95%	95%	60-130%
460-00-4	4-Bromofluorobenzene	97%	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM734-BS	M22940.D	1	04/12/11	XB	n/a	n/a	VM734
VM734-BSD	M22941.D	1	04/12/11	XB	n/a	n/a	VM734

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-1, C15478-2, C15478-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	43.2	108	40.9	102	5	60-130/30
100-41-4	Ethylbenzene	40	41.3	103	39.0	98	6	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	43.8	110	41.8	105	5	60-130/30
108-88-3	Toluene	40	40.8	102	38.7	97	5	60-130/30
1330-20-7	Xylene (total)	120	121	101	114	95	6	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	103%	104%	60-130%
2037-26-5	Toluene-D8	95%	96%	60-130%
460-00-4	4-Bromofluorobenzene	100%	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM736-BS	M23016.D	1	04/14/11	XB	n/a	n/a	VM736
VM736-BSD	M23017.D	1	04/14/11	XB	n/a	n/a	VM736

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-4, C15478-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	41.7	104	41.4	104	1	60-130/30
100-41-4	Ethylbenzene	40	39.9	100	38.7	97	3	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	43.8	110	42.2	106	4	60-130/30
108-88-3	Toluene	40	39.7	99	37.8	95	5	60-130/30
1330-20-7	Xylene (total)	120	119	99	113	94	5	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	106%	60-130%
2037-26-5	Toluene-D8	97%	94%	60-130%
460-00-4	4-Bromofluorobenzene	103%	99%	60-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM737-BS	M23042.D	1	04/15/11	XB	n/a	n/a	VM737
VM737-BSD	M23043.D	1	04/15/11	XB	n/a	n/a	VM737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	40	38.2	96	39.6	99	4	60-130/30
100-41-4	Ethylbenzene	40	39.9	100	39.2	98	2	60-130/30
1634-04-4	Methyl Tert Butyl Ether	40	38.0	95	38.0	95	0	60-130/30
108-88-3	Toluene	40	39.7	99	38.7	97	3	60-130/30
1330-20-7	Xylene (total)	120	118	98	115	96	3	60-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	99%	98%	60-130%
2037-26-5	Toluene-D8	101%	98%	60-130%
460-00-4	4-Bromofluorobenzene	101%	97%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15499-5MS	M22918.D	1	04/11/11	XB	n/a	n/a	VM733
C15499-5MSD	M22919.D	1	04/11/11	XB	n/a	n/a	VM733
C15499-5	M22917.D	1	04/11/11	XB	n/a	n/a	VM733

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-5, C15478-6, C15478-7, C15478-8

CAS No.	Compound	C15499-5 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.7	43.2	109	42.0	106	3	60-130/30
100-41-4	Ethylbenzene	ND		39.7	39.7	100	40.3	101	1	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.7	52.7	133* [a]	50.1	126	5	60-130/30
108-88-3	Toluene	ND		39.7	39.5	100	40.4	102	2	60-130/30
1330-20-7	Xylene (total)	ND		119	118	99	120	101	2	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15499-5	Limits
1868-53-7	Dibromofluoromethane	111%	110%	110%	60-130%
2037-26-5	Toluene-D8	96%	98%	102%	60-130%
460-00-4	4-Bromofluorobenzene	100%	104%	100%	60-130%

(a) Outside laboratory control limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15462-1MS	M22960.D	1	04/12/11	XB	n/a	n/a	VM734
C15462-1MSD	M22961.D	1	04/12/11	XB	n/a	n/a	VM734
C15462-1	M22943.D	1	04/12/11	XB	n/a	n/a	VM734

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-1, C15478-2, C15478-3

CAS No.	Compound	C15462-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.8	45.9	115	42.3	106	8	60-130/30
100-41-4	Ethylbenzene	ND		39.8	42.6	107	39.4	99	8	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.8	51.5	129	49.3	124	4	60-130/30
108-88-3	Toluene	ND		39.8	42.9	108	39.6	100	8	60-130/30
1330-20-7	Xylene (total)	ND		120	128	107	118	99	8	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15462-1	Limits
1868-53-7	Dibromofluoromethane	109%	110%	103%	60-130%
2037-26-5	Toluene-D8	96%	96%	101%	60-130%
460-00-4	4-Bromofluorobenzene	100%	101%	100%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15545-1MS	M23035.D	1	04/14/11	XB	n/a	n/a	VM736
C15545-1MSD	M23036.D	1	04/14/11	XB	n/a	n/a	VM736
C15545-1	M23026.D	1	04/14/11	XB	n/a	n/a	VM736

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-4, C15478-9

CAS No.	Compound	C15545-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.8	43.0	108	42.0	106	2	60-130/30
100-41-4	Ethylbenzene	ND		39.8	40.3	101	37.4	95	7	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.8	50.1	126	49.5	125	1	60-130/30
108-88-3	Toluene	ND		39.8	40.6	102	37.6	95	8	60-130/30
1330-20-7	Xylene (total)	ND		119	122	102	112	95	9	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15545-1	Limits
1868-53-7	Dibromofluoromethane	106%	108%	105%	60-130%
2037-26-5	Toluene-D8	95%	92%	99%	60-130%
460-00-4	4-Bromofluorobenzene	104%	99%	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C15478
Account: SWCICAFO Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C15478-13MS	M23059.D	1	04/15/11	XB	n/a	n/a	VM737
C15478-13MSD	M23060.D	1	04/15/11	XB	n/a	n/a	VM737
C15478-13	M23051.D	1	04/15/11	XB	n/a	n/a	VM737

The QC reported here applies to the following samples: **Method:** SW846 8260B

C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

CAS No.	Compound	C15478-13 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		39.4	39.8	101	40.1	101	1	60-130/30
100-41-4	Ethylbenzene	ND		39.4	37.8	96	37.1	93	2	60-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		39.4	46.2	117	46.2	116	0	60-130/30
108-88-3	Toluene	ND		39.4	37.7	96	37.4	94	1	60-130/30
1330-20-7	Xylene (total)	ND		118	111	94	110	92	1	60-130/30

CAS No.	Surrogate Recoveries	MS	MSD	C15478-13	Limits
1868-53-7	Dibromofluoromethane	108%	106%	107%	60-130%
2037-26-5	Toluene-D8	97%	95%	103%	60-130%
460-00-4	4-Bromofluorobenzene	100%	97%	99%	60-130%

Northern California ACCUTEST LABORATORIES

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C15478
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3406
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/12/11

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	2	1.3		
Antimony	2.0	.98	1.2		
Arsenic	2.0	.78	.76		
Barium	1.0	.03	.05		
Beryllium	1.0	.01	.02		
Boron	10	.73	1		
Cadmium	1.0	.06	.07		
Calcium	300	1.5	6.9		
Chromium	1.0	.07	.06		
Cobalt	1.0	.07	.08		
Copper	1.0	.06	.51		
Iron	10	.25	.36		
Lead	2.0	.4	.54	0.080	<2.0
Lithium	1.0	.12	.22		
Magnesium	200	1.1	2.3		
Manganese	1.0	.01	.04		
Molybdenum	1.0	.12	.24		
Nickel	1.0	.1	.18		
Potassium	200	3	6.2		
Selenium	2.0	1.2	1.5		
Silicon	20	.76	7		
Silver	1.0	.05	.13		
Sodium	300	.79	3		
Strontium	1.0	.02	.04		
Thallium	2.0	.85	.74		
Tin	50	.27	2		
Titanium	1.0	.02	.15		
Vanadium	1.0	.05	.06		
Zinc	2.0	.04	.24		

Associated samples MP3406: C15478-1, C15478-2, C15478-3, C15478-4, C15478-5, C15478-6, C15478-7, C15478-8, C15478-9, C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15478
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3406
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/12/11

Metal	C15478-2 Original	MS	Spikelot MPIR4A	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium					
Cobalt					
Copper					
Iron					
Lead	12.0	49.7	47.6	79.2	75-125
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc	anr				

Associated samples MP3406: C15478-1, C15478-2, C15478-3, C15478-4, C15478-5, C15478-6, C15478-7, C15478-8, C15478-9, C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C15478
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3406 Methods: SW846 6010B
Matrix Type: SOLID Units: mg/kg

Prep Date: 04/12/11

Metal	C15478-2 Original	MSD	Spikelot MPIR4A	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	12.0	53.4	48.5	85.3	7.2	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc	anr					

Associated samples MP3406: C15478-1, C15478-2, C15478-3, C15478-4, C15478-5, C15478-6, C15478-7, C15478-8, C15478-9, C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C15478
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3406
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 04/12/11

Metal	BSP Result	Spikelot MPIR4A	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	45.7	50	91.4	80-120
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP3406: C15478-1, C15478-2, C15478-3, C15478-4, C15478-5, C15478-6, C15478-7, C15478-8, C15478-9, C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: C15478
Account: SWCICAFO - Sierra West Consultants, Inc.
Project: F&M Auto Service UST Site - 1839 Foothill Blvd,Oakland,CA

QC Batch ID: MP3406 Methods: SW846 6010B
Matrix Type: SOLID Units: ug/l

Prep Date: 04/12/11

Metal	C15478-2 Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	127	143	12.8 (a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	anr			

Associated samples MP3406: C15478-1, C15478-2, C15478-3, C15478-4, C15478-5, C15478-6, C15478-7, C15478-8, C15478-9, C15478-10, C15478-11, C15478-12, C15478-13, C15478-14, C15478-15, C15478-16, C15478-17, C15478-18

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).