

AE Consultants Environmental & Engineering Services

May 7, 2012

# PHASE II SUBSURFACE INVESTIGATION

**Property Identification:** 24546 Mission Boulevard Hayward, CA 94542

RETECHS # WF-SF-12-001287-02-1 AEI Project No. 306747

#### Prepared for:

Wells Fargo Bank RETECHS Attn: William Bater 4601 Graywood Avenue Long Beach, CA 90808

#### Prepared by:

AEI Consultants 2500 Camino Diablo Walnut Creek, CA 94597 (925) 746-6000

### RECEIVED

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**Environmental & Engineering Services** 

May 7, 2012

Wells Fargo Bank RETECHS Attn: William Bater 4601 Graywood Avenue Long Beach, CA 90808

Subject: Phase II Subsurface Investigation 24546 Mission Boulevard Hayward, CA 94542 RETECHS # WF-SF-12-001287-02-1 AEI Project No. 306747

Dear Mr. Bater:

This report has been prepared on behalf of Wells Fargo RETECHS (client) and presents the results of the recent subsurface investigation activities at the property located at 24546 Mission Boulevard, Hayward, Alameda County, California (Figure 1). AEI Consultants (AEI) was retained by the client to provide environmental engineering and consulting services to complete a subsurface investigation based on general findings in AEI's Phase I Environmental Site Assessment (ESA) dated February 7, 2012.

# 1.0 SITE DESCRIPTION

The subject property, which consists of a vacant, two-unit commercial building, is bound by Mission Boulevard to the west and Sybil Avenue to the east in a mixed commercial and residential area of Hayward, California (Figure 2). The property totals approximately 0.14 acre and is improved with a single-story, slab-on-grade building totaling approximately 1,804 square feet. The subject property building is currently vacant and was most recently occupied by Sandra's Party Rentals (southern portion of the building) and what appears to have been a construction contractor (northern portion of the building). In addition to the subject property building, the property is improved with a small storage shed on the southeast portion of the property, a concrete driveway/parking area, and associated landscaping.

# 2.0 BACKGROUND AND PURPOSE

As discussed in AEI's February 7, 2012 ESA, the following potential environmental concerns (PECs) were made:

- The subject property was occupied by automotive repair and parts sales operations from 1950 through 1970. According to notations made on Sanborn maps, the automotive repair operation was present within the southern unit of the subject property. During the site reconnaissance, no floor drains were observed within the subject property building. Based on these observations, the relatively short duration of occupancy (no greater than 20 years), and small-scale nature of the former operation, the historical occupancy of the subject property by these historical tenants is not expected to represent a significant environmental concern. However, if the client desires a greater degree of certainty regarding potential impacts to the subject property, subsurface sampling would be necessary.
- Based on AEI's review of Sanborn maps and the regulatory database, the adjacent • property to the north was formerly occupied by a previous dry cleaning operation from at least 1956 through at least 1959. The facility was not depicted in Sanborn maps dated 1953 or 1966 and was identified in the regulatory database (associated with the address of 24532 Mission Boulevard, which was an address associated with the north adjacent property in the 1966 Sanborn map) only in 1959; therefore, it appears the maximum duration the dry cleaner could have operated at the north adjacent property is thirteen years and potentially could have been only three years. No other information regarding this facility was found during the course of this assessment as there were no building permits for this address and the only fire department record for this address related to the occupancy of this property is by Mission Printers in 1993. While the historical presence of a dry cleaning facility at the north adjacent property represents a PEC based on the potential for chlorinated solvents to have been utilized at this site in connection with operations, based on the relatively short duration of occupancy and lack of a documented release, this site is not expected to represent a significant environmental concern. However, if the client desires a greater degree of certainty regarding potential impacts to the subject property, subsurface sampling would be necessary.

Subsequently, AEI was contracted investigate if a release from the adjacent site to the north or from onsite activities has occurred. During the course of preparing a scope of work for the client, AEI was given a copy of a report entitled Limited Phase II Environmental Site Assessment by Nova Consulting Group, Inc. dated January 30, 2012 which indicated that a subsurface investigation at the adjacent dry cleaners to depths between 12 and 20 feet below ground surface (bgs) did not reveal any soil impacts above agency levels. A review of the subsurface investigation was documented in a report by ENCON Solutions, Inc. dated March 16, 2012. According to the review, the highest concentrations of tetrachloroethene (PCE) in soil were found in the deepest samples in three out of the four borings advanced. The review indicated that additional site investigations can be the only alternative to reduce the uncertainty of the increasing PCE concentrations with depth. This information was used to inform the



scope of work for the subsurface investigation completed by AEI, which is described in the remainder of this report

# 3.0 INVESTIGATIVE EFFORTS

A drilling permit was obtained from the Alameda County Public Works Agency [(ACPWA) Permit No. W2012-0249] and an encroachment permit was obtained from the City of Hayward (Permit No. PL-2012-0113) for this investigation (Appendix A). Following permit approval, drilling activities were scheduled and Underground Utility Services (USA North) was notified to locate possible underground utilities in the area, and a private utility locator cleared each of the proposed boring locations for utilities. The ACPWA was also notified of the drilling schedule. In addition, a site-specific health and safety plan was prepared, reviewed by onsite personnel, and kept onsite for the duration of the fieldwork.

### DRILLING AND SOIL SAMPLE COLLECTION

On April 26, 2012, AEI completed seven soil borings (SB-1 through SB-7) at the subject site. After several conversations and revisions with the client, it was determined that seven soil borings would be advanced at the site at the following locations. One of the borings (SB-1) was located in the sidewalk to the west of the building (expected downgradient) of the adjacent dry cleaning facility, two of the borings (SB-2 and SB-3) were located inside the current building, and the remaining borings (SB-4 to SB-7) were located throughout the lot to the east/northeast of the current building. On the day of drilling, a clarifier was observed just outside of the onsite building (Figure 2). Therefore, AEI moved the location of SB-5 from the original proposed location to adjacent to the clarifier.

Borings SB-1 and SB-4 to SB-7 were advanced with a truck mounted direct-push drilling rig and borings SB-2 and SB-3 was advanced with a limited access track rig. All boring activities were completed by Environmental Control Associates (CA C57 License # 695970) of Aptos, California. The soil borings were advanced to a depth of 10 feet bgs (SB-2 and SB-3), 15 feet bgs (SB-5 to SB-7), 35 feet bgs (SB-1), and 55 feet bgs (SB-4). The borings were continuously cored with 2" diameter acrylic liners which were logged by the onsite AEI scientist.

The soil samples were examined and logged in general accordance with the Unified Soil Classification System (USCS). At select depths, soil was placed into Ziploc<sup>®</sup> bag and a photo-ionization indicator (PID) was used to screen the soil samples in the field. Field observations and screening data is presented on the borings logs in Appendix B.

A six-inch sample at select depths, chosen based on general field observations (color changes, soil type changes, moisture content, etc.) or at a minimum of every 4 feet, was cut from the acrylic liners and sealed with Teflon tape and plastic caps, labeled with a unique identifier and placed in a cooler filled with water ice to await transportation to the off-site laboratory. The location of the borings is shown on Figure 2.



### GROUNDWATER SAMPLE COLLECTION

In borings SB-1 and SB-4, upon reaching the boring total depth, the borings were checked for water. Boring SB-1 was initially dry and after approximately 15 minutes, no sign of water was present, therefore the boring was grouted to the surface. In boring SB-4, a temporary <sup>3</sup>/<sub>4</sub>" diameter factory-slotted poly-vinyl chloride (PVC) casing was inserted to facilitate the collection of a groundwater sample. New materials were used in the boring to avoid possible cross-contamination. Boring SB-4 was also initially dry. Groundwater was still not present in SB-4 approximately 3 hours after setting the casing. Therefore, following the approval of the ACPWA, AEI left the boring open overnight. The following day on April 27, 2012, after approximately 24 hours, the boring was checked again and was still dry. Therefore, groundwater samples were not collected during this investigation.

# BORING DESTRUCTION

Following completion of sample collection and removal of tooling, the borings were backfilled with type I/II neat cement grout as required by the permitting agency and completed at the surface with concrete to match the surrounding conditions.

# LABORATORY ANALYSIS

The soil samples were transported to McCampbell Analytical Inc. (Department of Health Services Certification #1644) of Pittsburgh, California, for analysis under chain of custody protocol. A minimum of one soil sample from each boring was analyzed for volatile organic compounds (VOCs) using EPA Method 8260. In addition, the soil samples from SB-2 to SB-7 were additionally analyzed for total petroleum hydrocarbons as motor oil (TPHmo) and TPH as diesel (TPHd) using EPA Method 8015B with silica gel cleanup and TPH as gasoline (TPHg) using EPA Method 8015B. Analytical results and chain of custody documents are included as Appendix C.

# 4.0 FINDINGS

### GEOLOGY AND HYDROGEOLOGY

Based on a review of the United States Geological Survey (USGS) San Francisco Bay Quadrangle Geologic Map, the area surrounding the subject property is underlain by Holocene and Late Pleistocene era sandstone- and shale-clast loamy colluvium which is commonly characterized by yellowish-brown, light-brown, or brownish-grey sandy to silty colluvium with angular, pebble-, cobble-, and bolder-size clasts of sandstone and shale.

During the recent subsurface investigation, a mixture of silt and clay was observed to the maximum depth explored, 55 feet bgs. Trace layers of sand and gravel were observed throughout the fine grained sediment with increased zones of sand (classified as silty sand and sandy silt/clay) in SB-1 between 13.5 and 15 feet bgs and between 22 to 32 feet bgs. Refer to the boring logs in Appendix B for a detailed description of the sediment encountered.

Based on groundwater monitoring data collected at 24773 Mission Boulevard, located approximately 0.15 mile south-southeast of the site, groundwater was expected at a depth of



35 to 53 feet bgs. However, during this investigation, which included setting temporary PVC to 55 feet bgs for up to 24 hours, groundwater was not encountered.

# SOIL SAMPLE ANALYTICAL RESULTS

For evaluation, detected concentrations of contaminants in soil and groundwater are compared to the San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) which were based on generally accepted conservative risk-based evaluation criteria to use in site assessment data analysis. The following information is a summary of the soil sample analytical test results. This information has also been included in Table 1 and a copy of the analytical report is included in Appendix C.

# <u>TPHmo</u>

• TPHmo was detected in the soil samples from borings SB-4 to SB-7 at concentrations ranging from 5.3 milligrams per kilogram (mg/kg) in SB-4-54.5 to 770 mg/kg in SB-5-10.5. None of the reported TPHmo concentrations were above the ESL for TPHmo of 2,500 mg/kg.

# <u>TPHd</u>

• TPHd was detected in the soil samples from borings SB-4 to SB-7 at concentrations ranging from 1.4 mg/kg in SB-4-29.5 to 750 mg/kg in SB-5-10.5. Two of the soil samples contained concentrations above the TPHd ESL of 83 mg/kg as TPHd was reported at a concentration of 150 mg/kg in SB-6-3.5 and 750 mg/kg in SB-5-10.5.

# <u>TPHg</u>

• TPHg was detected in one soil sample, SB-5-10.5, at a concentration of 350 mg/kg. This concentration exceeds the TPHg ESL of 83 mg/kg.

### <u>VOCs</u>

• VOCs were not detected in soil samples from any of the borings above the laboratory detection limits.

# 5.0 SUMMARY AND CONCLUSIONS

AEI has completed a Phase II at the subject property. As described in Section 2.0 of this report and in AEI's ESA dated February 7, 2012, the purpose of the Phase II at the property was to evaluate current conditions related to former auto repairs at the subject property, as well as if the offsite dry cleaning operations have impacted the subject site. A total of 7 borings were advanced at the property for the collection of soil samples only as groundwater was not encountered.

Soil samples were reported above the ESL for TPHd and TPHg as follows:

- TPHd was reported at a concentration of 150 mg/kg in SB-6-3.5 and 750 mg/kg in SB-5-10.5, both which exceed the ESL of 83 mg/kg for TPHd.
- TPHg was reported at a concentration of 350 mg/kg in SB-5-10.5, which exceeds the ESL of 83 mg/kg for TPHg.



The soil samples analyzed did not contain VOCs at or above the laboratory detection limits. TPHmo and TPHd were reported in several of the soil samples, while TPHg was only detected in one soil sample analyzed. The concentrations of TPHmo were all below the ESL.

Based on these findings it is apparent that a release has occurred at the site. The release appears relatively minor and confined to the immediate vicinity of the observed clarifier. The release has been defined vertically based on the deeper soil samples and has likely not impacted groundwater based on the expected depth to groundwater (greater than 55 feet bgs). However, as discussed above, a release has occurred to the subsurface, therefore, AEI recommends the advancement of additional borings at the property so that the impacts discovered during this investigation can be further defined. Once completed, a decision regarding the necessity for mitigation can be determined. Furthermore, AEI recommends that the release to the subsurface be reported to the appropriate oversight agency.



# 6.0 REPORT LIMITATION AND RELIANCE

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, subject to limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. All conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

This investigation was prepared for the sole use and benefit of Wells Fargo. Neither this report, nor any of the information contained herein shall be used or relied upon for any purpose by any person or entity other than Wells Fargo.

If there are any questions regarding our investigation, please do not hesitate to contact the undersigned at 925-746-6000.

Sincerely, AEI Consultants

Jeremy Smith, REA II Senior Project Manger

**Figures** Figure 1: Site Location Map Figure 2: Site Map

 Tables

 Table 1: Soil Sample Data Summary

#### Appendices

Appendix A: Permits Appendix B: Boring Logs Appendix C: Laboratory Analyses

Bryan Campbell, PG Program Manager





FIGURES



FIGURE 1

Source: USGS Hayward Quadrangle

Project Number: 306747

Consultants



TABLES

# Table 124546 Mission Boulevard<br/>Hayward, CaliforniaSoil Sample Data Summary

Sample	Date	Sample Depth	TPHmo	TPHd	TPHg	VOCs
ID		(feet bgs)	mg/kg	mg/kg	mg/kg	mg/kg
SB-1-15.5	4/26/2012	15.5	NA	NA	NA	<rl< td=""></rl<>
SB-1-23.5	4/26/2012	23.5	NA	NA	NA	<rl< td=""></rl<>
SB-1-34.5	4/26/2012	34.5	NA	NA	NA	<rl< td=""></rl<>
SB-2-3.5	4/26/2012	3.5	<5.0	<1.0	<1.0	<rl< td=""></rl<>
SB-3-3.5	4/26/2012	3.5	<5.0	<1.0	<1.0	<rl< td=""></rl<>
SB-4-4	4/26/2012	4	<5.0	1.5	<1.0	<rl< td=""></rl<>
SB-4-29.5	4/26/2012	29.5	<5.0	1.4	<1.0	<rl< td=""></rl<>
SB-4-54.5	4/26/2012	54.5	5.3	2.7	<1.0	<rl< td=""></rl<>
SB-5-10.5	4/26/2012	10.5	770	750	350	<rl< td=""></rl<>
SB-5-14.5	4/26/2012	14.5	<5.0	<1.0	<1.0	<rl< td=""></rl<>
SB-6-3.5	4/26/2012	3.5	400	150	<1.0	<rl< td=""></rl<>
SB-6-14.5	4/26/2012	14.5	<5.0	<1.0	<1.0	<rl< td=""></rl<>
SB-7-3.5	4/26/2012	3.5	240	18	<1.0	<rl< td=""></rl<>
SB-7-14.5	4/26/2012	14.5	<5.0	2.2	<1.0	<rl< td=""></rl<>
ESL			2,500	83	83	

Notes:

TPHmo = total petroleum hydrocarbons as motor oil using EPA Method 8015 with silica gel cleanup.

TPHd = total petroleum hydrocarbons as diesel using EPA Method 8015 with silica gel cleanup.

TPHg = total petroleum hydrocarbons as gasoline using EPA Method 8015.

VOCs = volatile organic compounds using EPA Method 8260

bgs = below ground surface

<1.0 = Not detected at or above the indicated Method Detection Limit

 $RL = Reporting \ limit$ 

NA = Not analyzed

mg/kg = milligrams per kilogram (ppm)

ESL = Environmental Screening Level for shallow soil (<3 meters) where groundwater is a potential drinking water source as determined by the Regional Water Quality Control Board San Francisco Bay Region - Commercial Land Use

**Bold** = Concentration above the comparison level.

APPENDIX A

# PERMITS

### Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street Hayward, CA 94544-1395 Telephone: (510)670-6633 Fax:(510)782-1939

#### Application Approved on: 04/11/2012 By jamesy

#### Permit Numbers: W2012-0249 Permits Valid from 04/18/2012 to 04/19/2012

Application Id: Site Location: Project Start Date: Assigned Inspector:	1333752299765 24546 Mission Boulevard, Hayward, CA 94542/Com 04/18/2012 Contact Steve Miller at (510) 670-5517 or stevem@a	City of Project Site:Hayward mercial building Completion Date:04/19/2012 acpwa.org
Applicant:	AEI Consultants - Jeremy Smith	<b>Phone:</b> 925-746-6028
Property Owner:	Jose Caloca	Phone:
Client:	William Bater baterw@wellsfargo.com, Long Beach, CA 90808	Phone:

	Total Due:	\$265.00
Receipt Number: WR2012-0108	Total Amount Paid:	\$265.00
Payer Name : Jeremy Smith	Paid By: VISA	PAID IN FULL

#### **Works Requesting Permits:**

Borehole(s) for Investigation-Contamination Study - 7 Boreholes Driller: ECA - Lic #: 695970 - Method: DP

Work Total: \$265.00

#### Specifications

Permit	Issued Dt	Expire Dt	#	Hole Diam	Max Depth
Number			Boreholes		
W2012-	04/11/2012	07/17/2012	7	2.00 in.	55.00 ft
0249					

#### **Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least

# Alameda County Public Works Agency - Water Resources Well Permit

five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.



# CITY OF HAYWARD

# PERMIT

APPLICANT: **AEI CONSULTANTS** 2500 CAMINO DIABLO WALNUT CREEK, CA 94597

#### CONTRACTOR:

OWNER: **CITY OF HAYWARD** 777 B ST HAYWARD, CA 94541-5007 TAKEN BY: DATE: 4/17/2012 ISSUED BY: johnn

DATE: 4/17/2012

**REVENUE OFFICE** 

PERMIT NO .: PL-2012-0113

**Project Location:** 

24546 MISSION BLVD

**Contact Name & Telephone:** 

Jeremy Smith 925 7 201

#### THE APPLICANT HEREBY APPLIES FOR PERMISSION TO:

To drill in the sidewalk area in front of the property for one soil boring sample. Bore hole is approximately 2" in diameter, and will be backfilled with Type I/II cement grout and capped with concrete to match existing. To install one ground monitoring well in sidewalk area across from 1347 A Street (Hutch Car Wash). Well Permit from Alameda County Public Works is required (See application ID 1332375280783). See attachment.

#### THIS PERMIT IS SUBJECT TO THE FOLLOWING CONDITIONS:

Prior to commencing the work, contact Jason Whipple at 510-583-4755 or Hector Leuterio at 510-583-4750 to coordinate the wok in the Route 238 Improvements project area.

Any street-lane closures are restricted to the hours between 9:30 a.m. and 2:30 p.m. Monday through Friday, with no work on weekends or holidays, unless otherwise authorized by the City Engineer.

1. Call USA toll free at 811 or 1-800-227-2600 at least 2 full working days prior to excavation or digging.

2. The permittee assumes all responsibility for damage to existing underground utilities.

3. Call (510) 583-4148 twenty-four hours prior to start of work to schedule an inspection. Additional inspections will be required for street repair, concrete repair, and final inspection. THE THREE-DIGIT CODE FOR SCHEDULING **INSPECTION IS 200** 

4. This permit subject to cancellation if work is not completed within 90 days.

5. Any pavement damaged due to this construction shall be neatly edged, removed, and replaced at the direction of the City Inspector.

6. Any sidewalk, curb, gutter, or any other concrete improvement damaged due to this activity shall be restored to previous condition at the direction of the City Inspector. All concrete work shall be done per current City of Hayward Standard Details. Damaged concrete shall be removed by sawcutting at the nearest score mark or removed at expansion joints. No concrete shall be placed until acceptance of concrete forms.

7. Permittee must comply with "State of California Manual of Warning Signs, Lights and Devices for Use in Performance of Work upon Highways."

8. Traffic control plan shall be approved by the City Traffic Engineer prior to drilling.

9. The permittee shall not allow any construction debris (dirt, rock, oil, solvents, sediment-laden water, slurry, concrete, etc.) to enter any storm drain inlets or open channels.

10. This permit shall be available or posted on the project site at all times for review by the City Inspector. Failure to provide this permit may be cause for a failed inspection.

11. The permittee shall have a representative on site during the work and during inspections that is authorized to accept and act upon direction given by the City of Hayward Inspector.

(Rev 11Jul18) FILE COPY



TAKEN BY:		DATE:	4/17/2012	
ISSUED BY:	johnn	DATE:	4/17/2012	
PERMIT NO .:	PL-2012-0113			

FEE: \$ 1,000.00

ACCOUNT:

APPROVED BY: John nguyen



 TAKEN BY:
 DATE:
 4/17/2012

 ISSUED BY:
 johnn
 DATE:
 4/17/2012

 PERMIT NO.:
 PL-2012-0113
 V
 V

#### PERMIT NO.: PL-2012-0113

APPLICANT AGREES TO COMPLY WITH ALL OF THE APPLICABLE SECTIONS OF THE CITY OF HAYWARD MUNICIPAL CODE AND STANDARD SPECIFICATIONS.

4-7-12 Date

In consideration of the granting of this permit and other good and valuable consideration therefore, the undersigned intending to be legally bound does hereby for the undersigned and the heirs, executors, administrators and assigns of the undersigned agree to indemnity and hold harmless the City of Hayward, the members of the City Council and their agents, servants and employees and each of them, from and against liability for injury to or death of persons and/or liability for damage to property arising from any and all work herein permitted or, incidental thereto or which may arise from failure of permittee to perform the obligations of permittee under this permit, with respect to maintenance.

This is your receipt when machine-validated



#### **CITY OF HAYWARD**

### ENCROACHMENT PERMIT APPLICATION

APR 1 0 2012 DEPT OF PUBLIC WORKS ENGINEERING AND TRANSPORTATION DIVISION

RECEIVED

Taken by:	Permit Number:		Permit Fee: \$
Owner: Ja	se Caloca		Phone No.:
Address: _ lozs	Central Blud.	City: Hayward	State: <u>CA</u> Zip: <u>44542</u>
Contractor Name:	AEI Consultants	,	Phone No.:
Address: 2560	· Camine Diable	City: Walmt Greek	State: <u>CA</u> Zip: <u>94547</u>
Contact Person's N	ame: Jeremy Smith	1	Phone No.: (425) 746-6028
Applicant:A	ET Consultants		Phone No.: (625) 746 - 6000
Contractor's Licens	e No .: 654919	Class: A	-
City Business Licen	se (Tax ID No.) 11 7 50	Expira	tion Date: 12/31/2012
Work Site location:	24546 Mission Blue	2	
Date of anticipated	work to be started: <u>4/25 - 2</u> 7	to be	completed: 1 Day
Description of worl	< (attached plans and details if a	vailable or as required	:
One (1) soi	I boring to be drilled in r	Front of work sil	elocation on sidewalk.
Borchole will b	e at 2" diameter, a	nd will be backF	illed with Type 1/II
next cement	grout, and capped with	4 concrete to m	atch the surrounding surface.
list all work woods	to be demonstrated and the states	<i>r</i>	<u> </u>

(List all work needs to be done within public right-of-way, any dimensions such as linear feet, square feet of area, quantities of items such SDMH, inlets, driveway, etc.)

Scope of Permit: (Check appropriate box(es) and enter pertinent information to appropriate table(s))

Street work (Co	oncrete)	(trench	or bore):	
ft Length of	Number of	ft Length of	ft Length of	Areas of
curb, gutter and	pedestrian ramps,	planter strip fill per	street cut for	street cut for bore
sidewalk (7.a.(1))	driveways (7.a.(3))	property (7.a.(4))	trenches (7.c(1))	pits (7.c.(3))

Drainage system:

ft Length of storm pipe	Number of tie-ins to	Number of new SDMHs, vaults,
and appurtenance (7.b.(1))	existing structures (7.b.(3))	inlets, storm water interceptor or non-
		standard structures (7.b.(4), (5) and (6))

DEPARTMENT OF DEVELOPMENT SERVICES

777 B STREET, HAYWARD, CA 94541-5007 TEL: 510/583-4200 • FAX: 510/583-3649 • TDD: 510/247-3340 □ Utility Services:

Number of connections in sidewalk er en etrest (7 - (2))
NUMBER OF COMPELICUTS IN SIGEWAIK OF ON STREET FACTOR

□ Sanitary Sewer Laterals:

ft Length	Number of	ft Length from	Number of	Number of
from main or	monitoring	existing stub at	repairs and/or	repairs and/or
easement	structures	ROW to building	replaces in ROW	replaces in private
(7.f.1.(a))	(7.f.1.(c))	(7.f.1.(d))	(7.f.1.(f).(i))	(7.f.1.(f).(ii))

□ Sanitary Sewer Building Court Mains:

ft Length from each building court main when	ft Length from each building court main when
plan, profile and cut sheet are required (7.f.(2).(a))	plan only is required (7.f.(2).(c))

Monitoring Well: - Soil Bonny

Number of proposed wells (7.d.(1).(a)) plus Plan Review of \$354 per project location (7.d.(1).(b))

Temporary Placement of Storage Container:

Number of debris boxes (7.c.(5)) Number of moving containers (PODS) (PL 67)

□ Sidewalk Obstruction:

\_\_\_\_\_ Number of scaffoldings (E7.c.(6))

□ Street Events (Parade, Sales, Festivals, etc.):

\_\_\_\_\_ Date of event and provide details of the event (duration, traffic control, parade route, stage, etc.) and plan (*PL 65*)

Other: Description of work: Truck with drill no is 24 Should take approximately 3 hours Truck Parked will not the side walk to traffic Blud.

PERMITEE/OWNER'S AGENT: Print Name

jasmith @aciconsultants.com

DEPARTMENT OF DEVELOPMENT SERVICES 777 B STREET, HAYWARD, CA 94541-5007 TEL: 510/583-4200 • FAX: 510/583-3649 • TDD: 510/247-3340

JN08Sep30





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777 B Street				
Haywar	rd CA 945	41		
(510)	) 583-400(	D		
WWW.Hay	/ward-Ca.	gov		
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Friday 8:00 AM - 12:00 Noon				
THANK YOU!!				
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**APPENDIX B** 

# **BORING LOGS**

# Log of Boring SB-1

Date(s) Drilled April 26, 2012	Logged By Jeremy Smith	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole 35 feet bgs
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube, Grab</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0							
-	_					Concrete and fill material		
-	-	-						
-	_						-1	
	_							
_	5			CL- CH		Decrease in silt content to silty clay, medium to high plasticity.		
-	-		SB-1-6				<1	
-	-							
	_							
-	-							
	10		SB-1-10				<1	
_	_			GP CL C		Large gravel piece		
				ΟL		Silty clay with increasing silt and sand (0,20,80), fine to coarse grained sand.		
-	-					Silty clay, dark brown (7YR 3/2), expansive, moist, trace coarse sand (0.10.90), stiff.		
-	-	M	SB-1-12.5				<1	
_	_			SC		Sandy, gravelly clay (10,50,40), fine to coarse grained sand, fine gravel,		
	45							
	15		QD 1 15 5	CL- CH		Silty clay, strong brown (7.5YR 4/6) (0,0,100), moist, plastic.	-1	
-	-	ŕ	30-1-13.5				<1	
-	-							
	_							
		X	SB-1-18				<1	
-	-							
	20							
								Figure

X;PROJECTS/CHARACTERIZATION & REMEDIATION/DUE DIL/306747 PH II (Wells Fargo) Hayward - JAS/Soil Borings.bgs [AEI GEOPROBE 40'.tpl]

# Log of Boring SB-1

Sheet 2 of 2

**USCS Symbol** Elevation, feet Reading, Sample Type Graphic Log Depth, feet Sample Number PID MATERIAL DESCRIPTION REMARKS AND OTHER TESTS 20 CL-CH Silty clay, strong brown (7.5YR 4/6) (0,0,100), moist, plastic. (cont.) <1 CL/MI Silty clay, clayey silt, yellowish brown (10YR 5/6), (0,0,100), moist, very stiff, medium to low plasticity. SB-1-21.5 1.0 SM Silty sand, yellowish brown (10YR 5/6) (0,60,40), moistly fine grained, moist, medium stiff. SB-1-23.5 <1 SC-Decrease in sand content, (0,40,60) fine to coarse grained sand, moist. 25 SB-1-27.5 1.1 SM Sandy silt, yellowish brown (10YR 5/6), (5,20,75), fine to coarse grained sand, trace fine gravel, medium stiff to soft. 30 SB-1-31.5 <1 SM-ML Decrease in sand content ((0,10,90) moist, medium stiff to soft. SB-1-34.5 1.2 35 Boring terminated at 35 feet bgs; groundwater not encountered 40 Figure

# Log of Boring SB-2

Sheet 1 of 1

Date(s) Drilled April 26, 2012	Logged By Jeremy Smith	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole <b>10 feet bgs</b>
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
_				Concrete		Concrete and Fill	_	
-	- - 5		SB-2-3.5	CL- CH		Silty clay, very dark grey (7.5YR 3/1) (0,0,100), moist, medium to high plasticity, medium stiff.	6.1	Water vapor likely skewing PID readings
-	-		SB-2-7.5 SB-2-9.5			-	- 18.4 - 10.6	Water vapor likely skewing PID readings Water vapor likely skewing PID readings
_	10				<i><u><u> </u></u></i>	Boring terminated at 10 feet bgs, groundwater not encountered.	-	
								Figure

X: PROJECTS) CHARACTERIZATION & REMEDIATION/DUE DIL/306747 PH II (Wells Fargo) Hayward - JAS/Soil Borings.bgs [AEI geoprobe 12.tp]

# Log of Boring SB-3

Sheet 1 of 1

Date(s) Drilled April 26, 2012	Logged By Jeremy Smith	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole <b>10 feet bgs</b>
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
-	U—			Concrete		Concrete and Fill	_	
	- - 5		SB-3-3.5	CH-		Silty clay, very dark grey (7.5YR 3/1) (0,0,100), moist, medium to high plasticity, medium stiff.	21	Water vapor likely skewing PID readings
	-		SB-3-7.5 SB-3-9.5			-	6.2	Water vapor likely skewing PID readings Water vapor likely skewing PID readings
	-					Boring terminated at 10 feet bgs, groundwater not encountered.	-	Figure

X: PROJECTS) CHARACTERIZATION & REMEDIATION/DUE DIL/306747 PH II (Wells Fargo) Hayward - JAS/Soil Borings.bgs [AEI geoprobe 12.tp]

# Log of Boring SB-4

Date(s) Drilled April 26, 2012	Logged By Robert Robitaille	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole 55 feet bgs
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
	0					Concrete and fill material		
-	_	$\times$		SC		Sandy clay with gravel, brown (7.5YR 4/4) moderately hard, dry, moderate plasticity (5,25,20,50).	<1	
_	- - 5	$\ge$	SB-4-4	ML		Clayey silt, dark brown (7.5YR 3/2); soft, moist, plastic, trace sand, fine gravel, trace organic material,	<1	
-	_			СН		increasing clay to silty clay, hard, (0,0,40,60)		
_	_	$\times$	SB-4-7.5				<1	
	10	$\times$	SB-4-10.5				<1	
1	_							
1	_	$\times$		СН		Silty clay with gravel, dark brown, hard, moderately plastic, dry, gravels to	1.2	
	_	$\times$	SB-4-13.5	СН		Silty clay, dark brown, hard, dry, trace fine gravel, trace coarse sand (0,0,40,60)	1.0	
	15			СН				
-	_	$\times$	SB-4-16.5				<1	
;	_ 20—	$\times$	SB-4-19.5	СН		brown, (7.5 YR 4/4)	<1	
-	-			СН		_ Trace medium gravel	-	
-	_	$\times$		£₽.		Silty clay with gravel and sand, brown, moderately hard, dry, moderately plastic, (5,15,30,50)	<1	
-	-	$\ge$					<1	
	25— _ _	$\times$		CL		Gravelly clay, brown (7.5YR 4/4), hard, moist, moderately plastic, sub angular - sub rounded gravel to 1" (15,10,25,50)	1.0	
_	_							
-	_		00.400.5	ML		Clayey silt, brown, moderately soft, moist, trace fine sand (0,0,60,40)		
:	30—		<u>38-4-29.5</u>				1.4	Figure

# Log of Boring SB-4

Sheet 2 of 2

**USCS Symbol** Elevation, feet PID Reading, ppm Sample Type Graphic Log Depth, feet Sample Number REMARKS AND OTHER MATERIAL DESCRIPTION TESTS Clayey silt, brown, moderately soft, moist, trace fine sand (0,0,60,40) (cont.) 30 ML 12.4 ML Clayey silt with gravel, brown (7..5YR 4/3), moderately soft, moist, moderately plastic, (15,10,50,25) SM ML Thin seam of silty sand (3" thick), moist. SB-4-34.4 3.1 35 SB-4-39.5 CH 2.1 Silty clay, brown (7.5YR 4/3), moderately hard, moist, moderately plastic, 40 (0,0,40,60). Silty clay with gravel, brown (7.5YR 4/3), moderately hard, mosit, low plasticity, (20,15,30,45). CL СН Silty clay, moderately plastic, trace gravel. 45 SB-4-45 €Ľ Thin seam of gravelly sand (2"), dry Silty clay with gravel, low plasticity. (20,15,30,45) 50  $\times$ SB-4-50 <1 CL Increasing sand (10,25,35,35) ML Clayey silt, brown (7.5YR 4/3), moderately soft, moist, medium plasticity, trace fine grained sand and gravel (0,0,70,30)3.0 CL Silty clay, brown, moderately hard, moist, trace fine gravel and coarse sand, (0,0,40,60). 🔀 SB-4-54.5 <1 55 Boring terminated at 55 feet bgs. Dry after 24 hours. 60 Figure

# Log of Boring SB-5

Date(s) Drilled April 26, 2012	Logged By Jeremy Smith	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole 15 feet bgs
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Depth, teet	Sample Type Sample	Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
				CL		Topsoil		
-	-			CL		Silty clay, very dark grey (7.5YR 3/1), moist, trace fine to coarse sand (0,20,80), organic root matter.		
		SB-	5-3.5				28	
- 5	_			CH		Decrease in sand content, increase in plasticity, moist, soft (0,0,100)		
_	-	SB-	·5-6				15.1	
_	_	SB-	5-7.5					
- 10	_			ML		Clayey silt, dark greenish grey (5BG 4/1) (0,0,100)		
		SB-5	-10.5 -11.5				108	
-	_			CL		Becomes silty clay with gravel, trace fine to coarse sand, (10,15,75) dark - brown (10YR 3/3), stiff.		
- 15		SB-5	-14.5				60	
						Boring terminated at 15 feet bgs, groundwater not encountered.		
_	_							Figure

# Log of Boring SB-6

Date(s) Drilled April 26, 2012	Logged By Jeremy Smith	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole 15 feet bgs
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

	Elevation, feet	Donth foot	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
		0-	T		CL		Topsoil		
	_				CL		Silty clay with gravel, (poor recovery)		
· 15.tpl]	_								
El Geoprobe	_			SB-6-3.5	- cl-		Silty clay, very dark grey (7.5YR 3/) moist, stiff, medium plastic.	11.7	
ings.bgs [AE	_	5-	_						
AS\Soil Bor			_						
Hayward - J	_		-	SB-6-7.5				8.8	
Vells Fargo)	_		Í	4					
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JE DIL\306			_						
DIATION/DI	_			SB-6-11.5				5.5	
ON & REME	-		_						
TERIZATIC	-		-	SB-6-14.5				36	
<b>TS\CHARAC</b>	-	15-	Ť				Boring terminated at 15 feet bgs, groundwater not encountered.		
X:\PROJEC									Figure

# Log of Boring SB-7

Date(s) Drilled April 26, 2012	Logged By Robert Robitaille	Checked By Bryan Campbell
Drilling	Drill Bit	Total Depth
Method Direct Push	Size/Type <b>2 inch</b>	of Borehole 15 feet bgs
Drill Rig	Drilling	Approximate
Type Limited Access	Contractor ECA	Surface Elevation
Groundwater Level	Sampling	Well
and Date Measured Not Encountered ATD	Method(s) <b>Tube</b>	Permit. W2012-0249
Borehole Backfill Neat Cement	Location	

Elevation, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
			CL		Topsoil		
	_		ML		Clayey silt with sand and gravel; brown (7.5YR 3/3), gravel to 2", distrurbed to ~3' with iron, glass, plastic, bone debris.	_	
-		SB-7-3.5	CL		Silty clay, dark brown (7.5 YR 4/2), moderately hard, dry, trace coarse sand (0,0,30,70) 3" long iron pipe fragment at 4.5 feet bgs.	1.0	
- 5-	-		CL		Becomes moist.	-	
-		SB-7-7.5			~ ~	1.2	
- 10-		SB-7-9.55			-	<1	
-	-	SB-7-12.5			~	_	
- 15-		SB-7-14.5			Boring terminated at 15 feet bgs, groundwater not encountered.	1.0	
							Figure

# **APPENDIX C**

# LABORATORY ANALYSES



McCampbell Analytical, Inc. "When Quality Counts"

# **Analytical Report**

AEI Consultants	Client Project ID: #306747; Wells Fargo	Date Sampled: 04/26/12
2500 Camino Diablo. Ste. #200		Date Received: 04/26/12
	Client Contact: Jeremy Smith	Date Reported: 05/03/12
Walnut Creek, CA 94597	Client P.O.: #WC083562	Date Completed: 05/02/12

#### WorkOrder: 1204795

May 03, 2012

#### Dear Jeremy:

Enclosed within are:

- 1) The results of the 14 analyzed samples from your project: #306747; Wells Fargo,
- 2) QC data for the above samples, and
- 3) A copy of the chain of custody.

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.

The analytical results relate only to the items tested.

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Report To: Jerem	y Smith		В	ill To	: san	ne		I	P.O.	# \	WC0	83	562		_					Ana	alys	is R	lequ	iest	~		_				Othe	er	0	om	nents	
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Waln	ut Creek, C	A 94597		E-M	ail: ja	smit	th@a	neic	onsul	tan	ts.co	m		_		can			801						310											
Tele: (925) 746-6	000		F	ax: (	925)	746	5-60	99						_		elC		_	dnue						1/8		6									
Project #: 306747			P	rojec	t Nar	me:	We	lls I	Farg	0				_		aG	~	Gel	Cle	6					827(		602									
Project Location:	24546 Missi	ion Blvd,	Hayward	l, Cal	iforn	ia										silic	801	ilica	a Ge	802		ILY			5/		010/									
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(Field Point Name)	LOCATION			tair	Cont				ο.				.	IWI	ti-Ra	Jsing	TPP	Hydra	INO	Nitr	8/8	8260	(wi	/ PN	7 M	5 Mc	ield								
		Date	Time	Con	be	ate	=	. 1	her		5	0	her	EX	Mul	He	Hg/	Has	EX	rate.	A 60	)Cs	OCs	H's	I-WN	IFT	ad (f	=		OLD					
				#	Ty	X	So	Y	20	le	H	H	õ	BT	HdT	đ	đ	IdT	BT	Nii	EP	Ň	SV	PA	S	LL	Le	RC		H					_
58-3-6.5		4-26-12	1255	1	Lin		×			X																				X		-			
SB-3-9,5			100	1	4																									X					
58-5-3.5			115																											X			_		
513-5-6			120																											X					
53-5-75			125																										2	X					
SB-5-195			128												X							X													
SB-5-11.5			130																										- )	$\langle \rangle$					
5B-5-145			140												X							X													
53-6-3.5			155												X	_	_					X								_	_	+			
53-6-75			200																										Ľ	X					
53-6-11.5			205												-															X					
53-6-14.5			215												X							X													
58-7-3.5			1400												X							X													
53-7-7.5		-	140	L	L		6			5	•																			K					
Relinquished By:	1	Date:	Time:	Rece	eived B	By: /	1	)																					1		1		1		
(Juan)	-	4-26-12	400		De	ch	6	0	~					1	CE/	to							T	PRE	SER	VA	TIO	N	AS	0&0	G	ME	TALS	от	HER
Relinquished By:	1	Date:	Time:	Rece	eived E	sy:	1							0	GOO	DD	CON	DIT	rio!	N			A	PP	ROI	PRL	ATE	-		-	-				_
Venh Car	te	4/26/12	0100	1	he	1	0	V	F	_				H	HEA	DS	PAC	EA	ABS	EN	Г	D	. (	CON	TAI	INE	RS_	INT	AP						
Relinquished By:		Date:	Time:	Reco	eived B	3y:			Y					1	JEC	нIJ	ORI	NA	TEL	110	LA	D	-	- re	noi	CRV	ED	1141	AD		_				
1													- 1																						

2	MCAN					T T	NIC						-															r6-	-	5	01	_
Telepho	MCCAN ne: (925) 25	17BEL1 1534 V Pittsl 2-9262	L ANAI Villow Pass burg, CA 9	2 Y 1 Road 4565	ICA F	LI ax:	NC. (925	) 25	2-92	69			]	TU	JRN F Re	Al	RO	CH UN		IN TIM Yes	O IE	FC		ST SH No	2	DY 4 HF	R		OR IR	D [ 72	HR	5 D
<b>Report To: Jerem</b>	y Smith		B	ill To	: san	ıe		Ρ.	0.#	wc	083	562						An	alys	is R	equ	est	P				T	0	ther		Con	nmen
Company: AEI C	onsultants																		Ň													
2500 0	Camino Dial	blo													di																	
Waln	ut Creek, C	A 94597		E-Ma	ail: ja	smit	h@ae	eicon	isulta	nts.c	om				eant		8015						310									
Tele: (925) 746-6	000	<i>i</i> ,	F	ax: (	925)	746	-609	9						0	G		anup						8/0		0).					1		
Project #: 306747	A	(	A P	rojec	t Nar	ne:	Well	s Fa	rgo					C	5 S	a Gel	I Cle	()					8270		602							
Project Location:	24546 Missi	ion Blvd,	Hayward	l, Cal	iforn	ia						Quantina	-	/	801	Silica	a Ge	802		NLY			25/		010							
Sampler Signature	e:	and the				1						IOD			thod	ith S	Silic	02 /		S 0]		8270	A 6	010	C, (6	0.8)			15			
	Ĩ	SAMP	LING	s	iers		MA	<b>FRI</b>	X	PR	ESE	RVE	D	100/	A Me	015 w	Oil w/	EPA 6		PCB'		AHs)	by EP	by 6	TTL(	red 20						
SAMPLE ID (Field Point Name)	LOCATION	Date	Time	# Container	Type Contair	Water	Soil	All	Other	Ice	HCI	HNO <sub>3</sub>	Other BTEV / MTDE	This is a second s	TPHg Using EP	TPHg / TPHd 8	TPH as Hydraulic	BTEX ONLY (I	Nitrate/Nitrite	EPA 608 / 8080	VOCs 8260	SVOCs (with P/	PAH's / PNA's	CAM-17 Metals	LUFT 5 Metals	Lead (field filter	RCI	Q.IOH				
58-7-9.5		4-26-12	1415	1	Lin		X			X																		X				
513-7-12.5			1420	)						N																		X	<			
513-7-14,5			1425											>	6						X											
5B-4-4-			930												X						X											
SB-4-7,5			935																									×	1			
SB-4-1015			940																			+						X				
63-4-135			945			$\vdash$			-				-	-	-				-		-	+		-					1			
er-UILS			950					-				-	-		-	-			-		-	-	-	-			-	-/~	6	-		
55-4-19.5			955					-					-									-	_	-	-		_	X		-		
58-4-795			1005					-					-	V	/							+		-				-				
GR. U.ZU.S			1005				1				-		-			-						-	-	-	_		_	13.0				
CT 4 295			1015				+	+			-		-				-				-	-		-			-					
215-1-210 17 4 WE			1000						-				-	-					_			_	_	_								
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315-7-50		+	1120	-	+		F			F																		K				
614-545	-	Date:	Time:	Rece	Wed B	¥:																					NO		201		much	0.771
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Actinguisticu By.		it areas	You	Rece	JOA	1	6	_						GC	DOD	CON	IDI	TION	1			AI	PPR	OP	RIA	TE						
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Denk Cato	-	426/12	(70	1	h	X	0	A						~																-		
					1			V						X	-10	ibe	lec	1 5	B-	- 4 -	-3.	5		*	*	- 1a	bel	led	SE	3-4	- 49	.5

# McCampbell Analytical, Inc.



1534 Willow Pass Rd Pittsburg, CA 94565-1701

# **CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

(925) 252-	9262					Work	Order:	12047	95	(	ClientC	ode: A	EL				
		WaterTrax	WriteOn	EDF		Excel	[	Fax	[	✓ Email		Harc	lCopy	Thir	dParty	□J.	-flag
Report to:							Bill to:						Requ	uested T	AT:	!	5 days
Jeremy Smith AEI Consultar 2500 Camino Walnut Creek (925) 283-6000	nts Diablo, Ste. #200 , CA 94597 FAX: (925) 944-2895	Email: cc: PO: ProjectNo:	jasmith@aeicc #WC083562 #306747; Well	onsultants.com s Fargo			Sai AE 250 Wa Aco	ra Guer I Consu 00 Cam Inut Cro countsF	in Iltants ino Dia eek, CA Payable	blo, Ste \ 9459] @AEIC	e. #200 7 Consult	ants.co	Date Date	e Receiv e Printe	red: d:	04/26 04/26	5/2012 5/2012
									Re	queste	d Tests	(See leg	jend be	low)			
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1204795-004	SB-1-15.5		Soil	4/26/2012 10:20		А									1		
1204795-007	SB-1-23.5		Soil	4/26/2012 11:05		А											
1204795-010	SB-1-34.5		Soil	4/26/2012 11:30		А											
1204795-011	SB-2-3.5		Soil	4/26/2012 12:30		А	А										
1204795-014	SB-3-3.5		Soil	4/26/2012 12:50		А	А										
1204795-020	SB-5-10.5		Soil	4/26/2012 1:28		А	А										
1204795-022	SB-5-14.5		Soil	4/26/2012 1:40		А	Α										
1204795-023	SB-6-3.5		Soil	4/26/2012 1:55		А	А										
1204795-026	SB-6-14.5		Soil	4/26/2012 2:15		А	А										
1204795-027	SB-7-3.5		Soil	4/26/2012 14:00		А	А										
1204795-031	SB-7-14.5		Soil	4/26/2012 14:25		А	А										
1204795-032	SB-4-4		Soil	4/26/2012 9:30		А	А	1									
1204795-038	SB-4-29.5		Soil	4/26/2012 10:05		А	А										

#### Test Legend:

1	8260B_S
6	
11	

TPH(DMO)WSG_S

3	
8	

4	
9	

1	5	
1	0	

The following SampIDs: 011A, 014A, 020A, 022A, 023A, 026A, 027A, 031A, 032A, 038A contain testgroup.

2 7 12

#### **Comments:**

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.

#### **Prepared by: Zoraida Cortez**



### Sample Receipt Checklist

Client Name:	AEI Consultants				Date and	d Time Received:	4/26/2012 6	45:09 PM
Project Name:	#306747; Wells Farg	go			LogIn Re	eviewed by:		Zoraida Cortez
WorkOrder N°:	1204795	Matrix: Soil			Carrier:	Derik Cartan (M	<u>IAI Courier)</u>	
		<u>Cha</u>	<u>in of Cւ</u>	<u>istody (C</u>	OC) Informatio	<u>n</u>		
Chain of custody	present?		Yes	✓	No 🗌			
Chain of custody	signed when relinquis	hed and received?	Yes	✓	No 🗌			
Chain of custody	agrees with sample la	abels?	Yes		No 🖌			
Sample IDs note	d by Client on COC?		Yes	✓	No 🗌			
Date and Time of	f collection noted by C	lient on COC?	Yes	✓	No 🗌			
Sampler's name	noted on COC?		Yes	✓	No 🗌			
			<u>Sample</u>	Receipt	Information			
Custody seals int	tact on shipping contai	iner/cooler?	Yes		No 🗌		NA 🖌	
Shipping contain	er/cooler in good cond	lition?	Yes	✓	No 🗌			
Samples in prope	er containers/bottles?		Yes	✓	No 🗌			
Sample containe	rs intact?		Yes	✓	No 🗌			
Sufficient sample	volume for indicated	test?	Yes	✓	No 🗌			
		Sample Pres	ervatio	n and Ho	old Time (HT) In	formation		
All samples recei	ived within holding time	e?	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	r Temp:	5.2°C		NA	
Water - VOA vial	s have zero headspac	e / no bubbles?	Yes		No 🗌 N	o VOA vials submi	tted 🗹	
Sample labels ch	necked for correct pres	servation?	Yes	✓	No 🗌			
Metal - pH accep	table upon receipt (pH	I<2)?	Yes		No 🗌		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗌			
		(Ісе Тур	e: WE	T ICE	)			

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

\_\_\_\_

Comments: Sample SB-4-4 labeled SB-4-3.5, SB-4-13.5 was labeled SB-14 and SB-4-54.5 was labeled SB-49.5. All samples were confirmed by sampling time. Extra sample SB-4-24.5 was received that was not on COC.

\_\_\_\_\_

	Analyticc ality Counts''	al <u>, Inc.</u>		1534 Willow F Toll Free Telephon http://www.mccamp	Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fax bbell.com / E-mail: main	<ul> <li>94565-1701</li> <li>(925) 252-9269</li> <li>@mccampbell.com</li> </ul>			
AEI Consultants	Client	Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
2500 Guning D' 11 - Gr - #200	Fargo				Date Received:	04/26/12			
2500 Camino Diablo, Ste. #200	Client	Contact: Je	eremy	y Smith	Date Extracted:	ed: 04/26/12			
Walnut Creek, CA 94597	Client	P.O.: #WC	0835	62	Date Analyzed:	04/30/12			
	Volatile Organ	nics by P&	T an	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B		Analytica	l Metho	od: SW8260B		Work Order: 1204	795		
Lab ID				1204795	-004A				
Client ID				SB-1-1	15.5				
Matrix	Reportin			Soi	1			Reporting	
Compound	Concentration *	DF	Limit	Compoun	ıd	Concentration *	DF	Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005	
Benzene	ND	1.0 (	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0 (	0.005	Bromodichloromethan	e	ND	1.0	0.005	
Bromotorm	ND	1.0 0	0.005	t Destal also hal (TDA)		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alconol (TBA)		ND	1.0	0.05	
n-Butyl benzene	ND	1.0 (	0.005	Sec-Butyl benzene		ND	1.0	0.005	
Carbon Tetrachloride	ND 1.0 0.005 Chlorobenzene			ND	1.0	0.005			
Chloroethane	ND	1.0 (	005	Chloroform		ND	1.0	0.005	
Chloromethane	ND	1.0 (	005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0 0	005	Dibromochloromethan	e	ND	1.0	0.005	
1.2-Dibromo-3-chloropropage	ND	1.0 (	004	1.2-Dibromoethane (F	DB)	ND	1.0	0.003	
Dibromomethane	ND	1.0 (	0.005	1,2-Dichlorobenzene		ND	1.0	0.004	
1.3-Dichlorobenzene	ND 1.0 0.0		0.005	1.4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0 (	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0 0	0.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0 0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0 0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0 0	0.005	trans-1,3-Dichloroprop	bene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0 0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0 0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0 0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0 0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0 0	0.005	Methyl-t-butyl ether (M	MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0 0	0.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0 0	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0 0	0.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0 0	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0 (	0.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0 (	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0 (	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0 (	0.005	1,2,3-Trichloropropane	e	ND	1.0	0.005	
1,2,4-Irimethylbenzene	ND	1.0 (	0.005	1,3,5-Trimethylbenzen	ie	ND	1.0	0.005	
vinyi Chloride	ND	1.0 (	0.005	Aylenes, Total		ND	1.0	0.005	
	1	Surrog	ate R	ecoveries (%)		[			
%SS1: 88			%SS2:		99	)			
%553:	1	05							
Comments:									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	<u> McCampbell Analytical, In</u> <u> "When Quality Counts"</u> AEL Consultants Client Proje				Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fax obell.com / E-mail: main	<ul> <li>94565-1701</li> <li>(925) 252-9269</li> <li>@mccampbell.com</li> </ul>			
AEI Consultants	Client	Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
2500 Comirs D'111 01 1/200	Fargo				Date Received:	04/26/12			
2500 Camino Diablo, Ste. #200	Client	Contact: Je	eremy	/ Smith	Date Extracted:	04/26/12			
Walnut Creek, CA 94597	Client	P.O.: #WC	0835	62	Date Analyzed:	: 04/30/12			
	Volatile Orga	nics by P&	T an	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B		Analytical Method: SW8260B Work Order: 1204795							
Lab ID		1204795-007A							
Client ID				SB-1-2	23.5				
Matrix		Ré	norting	Soi	1			Reporting	
Compound	Concentration *	* DF	Limit	Compour	ıd	Concentration *	DF	Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005	
Benzene	ND	1.0 (	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0 (	0.005	Bromodichloromethan	e	ND	1.0	0.005	
Bromoform	ND	1.0 0	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
n-Butyl benzene	ND	1.0 0	0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND	1.0 0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0 0	0.005	Chlorobenzene		ND	1.0	0.005	
Chloroethane	ND	1.0 (	0.005	Chloroform		ND	1.0	0.005	
Chloromethane	ND	1.0 (	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0 (	0.005	Dibromochloromethan	e	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0 (	0.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004	
Dibromomethane	ND	1.0 0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0 0	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0 0	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0 0	0.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0 0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0 0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0 (	0.005	trans-1,3-Dichloroprop	bene	ND	1.0	0.005	
Disopropyl ether (DIPE)	ND	1.0 (	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0 (	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0 (	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0 (	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0 (	0.005	Methyl-t-butyl ether (N	MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0 (	0.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0 (	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0 (	0.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0 (	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0 (	0.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0 (	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0 (	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0 (	0.005	1,2,3-Trichloropropan	e	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0 (	0.005	1,3,5-Trimethylbenzen	ie	ND	1.0	0.005	
Vinyl Chloride	0.005	Xylenes, Total		ND	1.0	0.005			
	T	Surrog	ate R	ecoveries (%)		Γ			
%SS1:	85			%SS2:		10	2		
%SS3:	%SS3: 105								
Comments:									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		McCampbell Analytical, Ir     "When Quality Counts"     AEL Consultants     Client Proje				Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fax bbell.com / E-mail: main	<ul> <li>94565-1701</li> <li>(925) 252-9269</li> <li>@mccampbell.com</li> </ul>			
Pargo         Date Received:         0.4/26/12           Valuat Creek, CA 94597         Client Contact:         Jeremy Smith         Date Analyzed:         0.5/1/12           Valuat Creek, CA 94597           Valuat Organics by P&T and GC/MS (Basic Target List)*           Land ID           Static Organics by P&T and GC/MS (Basic Target List)*           Date Analyzed:         Static Organics by P&T and GC/MS (Basic Target List)*           Compound Concentration *         ID1************************************	AEI Consultants	Client	Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
	2500 Comine Di 11, 94, #200	Fargo				Date Received:	04/26/12			
Valuati Creek, CA 94597         Date Analyzed: 05/01/12           Volatile Organics by P&T and GC/MS (Basic Target List)*           Kancion Method: SW0000         Work Only: 12/07/95-010A           Lab ID         12/07/95-010A           Sile           Compound         Concentration *         DF         %organ           ND         10.0         0.0000           Revnee         ND         1.0         0.0000           Compound         Concentration *         DF         %organ           Acetone         ND         1.0         0.0005         Romonofm         ND         1.0         0.0005           Revnee         ND         1.0         0.0005         Compound         Concentration *         DF         %organ           Acetone         ND         1.0         0.0005           Romonofm         ND         1.0         0.0005	2500 Camino Diablo, Ste. #200	Client	Contact: Je	eremy	/ Smith	Date Extracted:	04/26/12			
Volatile Organics by P&T and GC/MS (Basic Target List)*           Example Method:         SW0300         Wed. Onler:         1294795           Lab ID         1294795-010A         StB 1-34.5         Wed. Onler:         1294795-010A           Climet ID         SB 1-34.5         Soll         Soll         Soll           Compound         Concentration *         DF         Remain *         Soll         Operation *         D         1.0         0.005           Benzene         ND         1.0         0.005         Brannohemzene         ND         1.0         0.005           Bromochinoranethane         ND         1.0         0.005         Brannohemzene         ND         1.0         0.005           Bromochinoranethane         ND         1.0         0.005         Brannohemzene         ND         1.0         0.005           Bromochinoranethane         ND         1.0         0.005         Brannonethane         ND         1.0         0.005           Cathornethane         ND         1.0         0.005         Cathornethane         ND         1.0         0.005           Cathornethane         ND         1.0         0.005         Clathornethane         ND         1.0         0.005 <t< td=""><td>Walnut Creek, CA 94597</td><td>Client</td><td>P.O.: #WC</td><td>0835</td><td>62</td><td>Date Analyzed:</td><td colspan="4">: 05/01/12</td></t<>	Walnut Creek, CA 94597	Client	P.O.: #WC	0835	62	Date Analyzed:	: 05/01/12			
Exanction Methoi:         SWB:001         Work Order:         2007           Iab ID Client ID         SBI-134.5         SBI-134.5         SBI-134.5           Compound         Concentration         DF         Nome         SBI-134.5           Acctone         ND         1.0         0.005         terr.Amyl methyl ether (TAME)         ND         1.0         0.005           Benzene         ND         1.0         0.005         Bronnochlcoromethane         ND         1.0         0.005           Bronnochlcoromethane         ND         1.0         0.005         Bronnochlcoromethane         ND         1.0         0.005           Bronnochlcoromethane         ND         1.0         0.005         schurobethane         ND         1.0         0.005           Statustope (MEK)         ND         1.0         0.005         schurobetane         ND         1.0         0.005           Carborn Tetrachloride         ND         1.0         0.005         Chlorobetane         ND         1.0         0.005           Chlorobetane         ND         1.0         0.005         L-Nordochane         ND         1.0         0.005           Chlorobetane         ND         1.0         0.005         L-Nordochane		Volatile Orga	nics by P&	T an	d GC/MS (Basic T	arget List)*				
Lab ID         I 1204795-010A           SB1-34.5           Soil           Soil           Compound         Concentration *         DF         Reporting         Compound         Concentration *         DF         Reporting           Compound         Concentration *         DF         Reporting           Action         ND         1.0         0.00           Bername         ND         1.0         0.00           Bername (MIK)         ND         1.0         0.005           Compondicitoromethane         ND	Extraction Method: SW5030B	1	Analytical Method: SW8260B Work Order: 1204795							
Nation: Solution: So	Lab ID				1204795	-010A				
Data         Data         Data         Data           Compound         Concentration *         DF         Review imme         Conpound         Concentration *         DF         Review imme           Acetone         ND         1.0         0.005         Bernonchicoromethane         ND         1.0         0.005           Bernonchicoromethane         ND         1.0         0.005         Bernonochichoromethane         ND         1.0         0.005           Bernonchicoromethane         ND         1.0         0.005         Bernonochichoromethane         ND         1.0         0.005           2-Battanone (MIK)         ND         1.0         0.005         Ser-Buryl benzene         ND         1.0         0.005           1ert-Buryl benzene         ND         1.0         0.005         Choron Disuffide         ND         1.0         0.005           1ert-Buryl benzene         ND         1.0         0.005         Choron Disuffide         ND         1.0         0.005           1ert-Buryl benzene         ND         1.0         0.005         Choron Disuffide         ND         1.0         0.005           1ert-Buryl benzene         ND         1.0         0.005         Labrohoronethane         ND <td< td=""><td> Client ID Matrix</td><td></td><td colspan="7"><u>SB-1-34.5</u></td></td<>	Client ID Matrix		<u>SB-1-34.5</u>							
Compound         Control (Concentration)         DP         Imm         Compound         Control (Concentration)         DP         Imm           Acctone         ND         1.0         0.005         Bromodiculoromethane         ND         1.0         0.005           Bromochioromethane         ND         1.0         0.005         Bromodiculoromethane         ND         1.0         0.005           Bromolom         ND         1.0         0.005         Bromodiculoromethane         ND         1.0         0.005           2-Butinone (MEK)         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Chlorothmethane         ND         1.0         0.005           Chlorothma         ND         1.0         0.005         Liboromethane         ND         1.0         0.005           Lobrothmethane         ND         1.0         0.005         1.4-Dichlorothmethane         ND         1.0         0.005           L3-Diblorothorothenzene         ND         1.0	Compound	Concentration		porting	Compour		Concentration *	DE	Reporting	
Acetone         ND         1.0         0.05         tert-Anyl methyl methyl (her (AML))         ND         1.0         0.005           Bromochoromethane         ND         1.0         0.005         Bromochichoromethane         ND         1.0         0.005           Bromochoromethane         ND         1.0         0.005         Bromochichoromethane         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         sc-Bartyl benzene         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         Carbon Disinfide         ND         1.0         0.005           Chorosthane         ND         1.0         0.005         Carbon Disinfide         ND         1.0         0.005           Chlorosthane         ND         1.0         0.005         Chlorosthane         ND         1.0         0.005           Chlorosthane         ND         1.0         0.005         2-Chlorosthane         ND         1.0         0.005           L2-Ditromo-3-chloropropane         ND         1.0         0.005         1.2-Dichorobenzene         ND         1.0         0.005           1.2-Dichorobenzene         ND         1.0         <	Compound	Concentration 4		Limit	Compour		Concentration *	DF	Limit	
Determine         ND         1.0         0.000         promoch/oronethane         ND         1.0         0.005           Bromoch/oromethane         ND         1.0         0.005         Bromoch/oronethane         ND         1.0         0.005           Semonc/MEK)         ND         1.0         0.005         Bromoch/oronethane         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         Sec-Butyl benzene         ND         1.0         0.005           carbon TestAcholde         ND         1.0         0.005         Chlorobazene         ND         1.0         0.005           Chloronethane         ND         1.0         0.005         Chloroherne         ND         1.0         0.005           Chloronethane         ND         1.0         0.005         Chloroherne         ND         1.0         0.005           Chloronethane         ND         1.0         0.005         1.2-Dichloroherne         ND         1.0         0.005           1.2-Dichloroherne         ND         1.0         0.005         1.4-Dichloroherne         ND         1.0         0.005           1.2-Dichloroherne         ND         1.0         0.005         1.1-Dichl	Acetone	ND	1.0	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005	
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Bromochloromethanc		1.0 (	005	Bromodichloromother	0	ND ND	1.0	0.005	
Display         Dot         Dot         Dot         Dot         Dot         Dot         Dot           2-Butanone (MEK)         ND         1.0         0.005         lesuly benzene         ND         1.0         0.005           nerButy benzene         ND         1.0         0.005         Carbon Tsuffde         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Chlorobethane         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           4-Chlorobenzene         ND         1.0         0.005         Dibromochloromethane         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlororethane         ND         1.0         0.005         1.3-Dichloropropane         ND         1.0         0.005           1.2-Dichlororethane         ND         1.0         0.005	Bromoform		1.0 0	005	Bromomethane	C		1.0	0.005	
2-Budding (MRA)         ND         1.0         0.02         relatyl benzene         ND         1.0         0.005           Carbon Disulfide         ND         1.0         0.005         sec-Budy benzene         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Chlorothane         ND         1.0         0.005         Chlorothane         ND         1.0         0.005           Chlorothane         ND         1.0         0.005         Chlorothane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.004         1.2-Dibromo-chloromethane         ND         1.0         0.005           1.2-Dibromo-schane         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorotentane         ND         1.0         0.005           1.2-Dichlorothane         ND         1.0         0.005         1.1-Dichlorotentane         ND         1.0         0.005           1.2-Dichlorothane         ND         1.0	2 Butanona (MEK)	ND	1.0 0	0.003	t Putyl alashal (TPA)		ND	1.0	0.003	
Barbary Heatzine         ND         1.0         0.00         Ext-bury Definition         ND         1.0         0.000           Carbon Tetrachloride         ND         1.0         0.005         Carbon Tetrachloride         ND         1.0         0.005           Chloronothane         ND         1.0         0.005         Chloronotherne         ND         1.0         0.005           Chloronothane         ND         1.0         0.005         2-Chlorotohuene         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         1.2-Dibromo-thane (EDB)         ND         1.0         0.005           1.2-Dibromo-thane         ND         1.0         0.005         1.2-Dibromo-thane         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.004         1.1-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlorobrenzene         ND         1.0         0.005         1.3-Dichloropropane         ND         1.0         0.005           1.2-Dichloroptane         ND	2-Butatione (MEK)	ND	1.0	0.02	t-Dutyl alcollol (TDA)		ND	1.0	0.05	
Ref Burg Densitie         ND         1.0         0.000         Chlorophenzene         ND         1.0         0.005           Chloropethane         ND         1.0         0.005         Chlorophenzene         ND         1.0         0.005           Chloropethane         ND         1.0         0.005         2-Chloroblenzene         ND         1.0         0.005           Chloropethane         ND         1.0         0.005         2-Chloroblenzene         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         1.2-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorobenzene         ND         1.0         0.005           1.2-Dichloropenane         ND         1.0         0.005         1.1-Dichlorobenzene         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         1.3-Dichloropropane         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0 </td <td>II-Butyl benzene</td> <td>ND</td> <td>1.0 (</td> <td>0.005</td> <td>Carbon Digulfido</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	II-Butyl benzene	ND	1.0 (	0.005	Carbon Digulfido		ND	1.0	0.005	
Califor Herakinonic         ND         1.0         0.005         Chinorethane         ND         1.0         0.005           Chloromethane         ND         1.0         0.005         Chloroform         ND         1.0         0.005           4-Chlorotoluene         ND         1.0         0.005         Dibromochloromethane         ND         1.0         0.005           4-Chlorotoluene         ND         1.0         0.005         I_2-Dibromoethane         ND         1.0         0.005           1,2-Dibromoethane         ND         1.0         0.005         I_2-Dibromoethane         ND         1.0         0.005           1,3-Dichlorobenzene         ND         1.0         0.005         I_1-Dichlorobenzene         ND         1.0         0.005           1,2-Dichloroethane         ND         1.0         0.005         I_1-Dichloroethene         ND         1.0         0.005           1,2-Dichloropethane         ND         1.0         0.005         I_1-Dichloroethene         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         I_1-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0	Carbon Tatrachlarida	ND	1.0 (	005	Chlorohonzono		ND	1.0	0.005	
Clinitore         ND         1.0         0.005         Clinitorial         ND         1.0         0.005           4-Chlorotoluene         ND         1.0         0.005         Dibromochlane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.004         1.2-Dibromochlane (EDB)         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dibromochlane (EDB)         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorochlane (LDB)         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorochlane         ND         1.0         0.005           1.2-Dichloroptane         ND         1.0         0.005         trans-1,2-Dichlorochlane         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         Freen 113         ND         1.0         0.005           1.2-Dichloropropane         ND <td>Chloroothana</td> <td>ND</td> <td>1.0 (</td> <td>005</td> <td>Chloroform</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	Chloroothana	ND	1.0 (	005	Chloroform		ND	1.0	0.005	
Childroine         ND         1.0         0.005         2-Childroine         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.004         1.2-Dibromochlane (EDB)         ND         1.0         0.005           1.3-Dichlorobenzne         ND         1.0         0.005         1.2-Dibromochlane (EDB)         ND         1.0         0.005           Ja-Dichlorobenzne         ND         1.0         0.005         1.4-Dichlorobenzne         ND         1.0         0.005           Ja-Dichlorobenzne         ND         1.0         0.005         1.1-Dichloroethane         ND         1.0         0.005           1.2-Dichloroethane         ND         1.0         0.005         1.3-Dichloroptene         ND         1.0         0.005           1.2-Dichloroptane         ND         1.0         0.005         1.3-Dichloroptopene         ND         1.0         0.005           1.2-Dichloroptopane         ND         1.0         0.005         1.1-Dichloroptopene         ND         1.0         0.005           1.2-Dichloroptopane         ND         1.0         0.005         Ethylenzene         ND         1.0         0.005           1.2-Dichloroptopane         ND	Chloromathana	ND	1.0 0	0.005	2 Chlorotoluono		ND	1.0	0.005	
4-Cinotobulene         ND         1.0         0.000         Dimonitoritation         ND         1.0         0.004           12-Dibrono-3-schloropropane         ND         1.0         0.005         1,2-Dibronoethane (EDB)         ND         1.0         0.005           1,3-Dichlorobenzene         ND         1.0         0.005         1,4-Dichlorobenzene         ND         1.0         0.005           1,2-Dichonoethane (I,2-DCA)         ND         1.0         0.005         1,1-Dichloroethane         ND         1.0         0.005           1,2-Dichloroethane (1,2-DCA)         ND         1.0         0.005         trans-1,2-Dichloroethane         ND         1.0         0.005           1,2-Dichloroethane (1,2-DCA)         ND         1.0         0.005         trans-1,3-Dichloroethane         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         tehyleneraene         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         tehyleneraene         ND         1.0         0.005           L	4 Chlorotoluono	ND	1.0 0	0.005	2-Chiorotoluene		ND	1.0	0.005	
1.2-Diorono-3-centorpropane     ND     1.0     0.004     1.2-Dioronometane (EDB)     ND     1.0     0.005       1.3-Dichlorobenzene     ND     1.0     0.005     1.4-Dichlorobenzene     ND     1.0     0.005       1.3-Dichlorobenzene     ND     1.0     0.005     1.1-Dichlorobenzene     ND     1.0     0.005       1.2-Dichloroethane     ND     1.0     0.005     1.1-Dichloroethane     ND     1.0     0.005       1.2-Dichloroethane     ND     1.0     0.005     1.1-Dichloroethane     ND     1.0     0.005       1.2-Dichloroethane     ND     1.0     0.005     1.3-Dichloroethane     ND     1.0     0.005       1.2-Dichloropropane     ND     1.0     0.005     1.1-Dichloropropane     ND     1.0     0.005       1.2-Dichloropropane     ND     1.0     0.005     Itarsh.3-Dichloropropene     ND     1.0     0.005       1.3-Dichloropropane     ND     1.0     0.005     Hexachloropthane     ND     1.0     0.005       1.4-Dichloropropane     ND     1.0     0.005     Hexachloropthane     ND     1.0     0.005       1.2-Dichloropropane     ND     1.0     0.005     Hexachloropthane     ND     1.0     0.005    L	4-Chiorotoluene	ND	1.0 (	0.005	1.2 Difference of the set		ND	1.0	0.005	
Display         ND         1.0         0.00         1.2 Dichlorobenzene         ND         1.0         0.005           Ja.Dichlorobenzene         ND         1.0         0.005         1.4 Dichlorobenzene         ND         1.0         0.005           Dichlorodifluoromethane         ND         1.0         0.004         1.1 Dichloroethane         ND         1.0         0.005           L2.Dichloroethane         ND         1.0         0.005         trans-1.2 Dichloroethene         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         trans-1.2 Dichloropropane         ND         1.0         0.005           2.2-Dichloropropane         ND         1.0         0.005         trans-1.3 Dichloropropane         ND         1.0         0.005           cis-1.3-Dichloropropane         ND         1.0         0.005         trans-1.3 Dichloropropane         ND         1.0         0.005           bilsopropyl ether (DIPE)         ND         1.0         0.005         Feon 113         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Kenyl-t-butyl ether (MTBE)         ND         1.0         0.005           4-Isopropyl foluene	Dibromomothana	ND	1.0 (	0.004	1,2-Dibromoetnane (E	DB)	ND	1.0	0.004	
IAST Dicklorodization       ND       IAS       0.000       IAST Dicklorodization       ND       IAS       0.000         Dickhorodithare       ND       IAS       0.000       I,1-Dickhorodenhane       ND       IAS       0.000         I_2-Dickhorodenhane       ND       IAS       0.000       I,1-Dickhorodenhane       ND       IAS       0.005         I_2-Dickhorodenhane       ND       IAS       0.005       Itans-I,2-Dickhorodenhane       ND       IAS       0.005         I_2-Dickhorodenhane       ND       IAS       0.005       Itans-I,2-Dickhorodenhane       ND       IAS       0.005         I_2-Dickhorodenhane       ND       IAS       0.005       Itans-I,3-Dickhorodenhane       ND       IAS       0.005         I_2-Dickhorodenhane       ND       IAS       0.005       Itans-I,3-Dickhorodenhane       ND       IAS       0.005         Szabichorodenhane       ND       IAS       0.005       Itans-I,3-Dickhorodenhane       ND       IAS       0.005         Szabichorodenhane       ND       IAS       0.005       Itans-I,3-Dickhorodenhane       ND       IAS       0.005         Bickyterhorodenhane       ND       IAS       0.005       Itans-I,3-Dickhorodenhane       ND </td <td>1.3 Dishlorohonzona</td> <td>ND</td> <td colspan="2">ND 1.0 0.005 1.4-Dichlorobenzene</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	1.3 Dishlorohonzona	ND	ND 1.0 0.005 1.4-Dichlorobenzene			ND	1.0	0.005		
Disknovement         ND         1.0         0.000         1.1.0         0.000           1.2-Dickhloroethane (1.2-DCA)         ND         1.0         0.005         trans-1,2-Dickhoroethene         ND         1.0         0.005           1.2-Dickhoroethane (1.2-DCA)         ND         1.0         0.005         trans-1,2-Dickhoroethene         ND         1.0         0.005           2.2-Dickhoropropane         ND         1.0         0.005         1,3-Dickhoropropane         ND         1.0         0.005           2.2-Dickhoropropane         ND         1.0         0.005         trans-1,3-Dickhoropropene         ND         1.0         0.005           cis-1,3-Dickhoropropene         ND         1.0         0.005         trans-1,3-Dickhoropropene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Hexachorobutadiene         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Merphylenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyle-butyl ether (MTBE)         ND         1.0         0.005           Naphthalene         ND         1	Dichlorodifluoromethane	ND	1.0 0	005	1,4-Dichloroethane		ND	1.0	0.005	
12-Dickloroethene       ND       1.0       0.003       17.10-00005       trans-1.2-Dickloroethene       ND       1.0       0.005         1.2-Dickloroethene       ND       1.0       0.005       trans-1.2-Dickloroethene       ND       1.0       0.005         1.2-Dickloropropane       ND       1.0       0.005       trans-1.2-Dickloropropane       ND       1.0       0.005         2.2-Dickloropropane       ND       1.0       0.005       trans-1.3-Dickloropropene       ND       1.0       0.005         cis-1.3-Dickloropropane       ND       1.0       0.005       Ethylbenzene       ND       1.0       0.005         Diisopropyl ether (DIPE)       ND       1.0       0.005       Hexachloroptane       ND       1.0       0.005         Ethyl tetr-butyl ether (ETBE)       ND       1.0       0.005       Hexachloroptane       ND       1.0       0.005         2-Hexanon       ND       1.0       0.005       Methyl-2-pentanone (MIBK)       ND       1.0       0.005         Alsporpyl foluene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         Naphthalene       ND       1.0       0.005       n-Propyl benzene       ND	1.2 Dichloroethane (1.2 DCA)	ND	1.0 (	003	1.1-Dichloroethene		ND	1.0	0.005	
Clis 1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2:Hoy tert-butyl ether (DIPE)         ND         1.0         0.005         Freon 113         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Hexachloroethane         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Kethyle-zpentanone (MIBK)         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Terrachloroethane         ND         1.0         0.005           Styrene </td <td>cis_1 2-Dichloroethene</td> <td>ND</td> <td>1.0 (</td> <td>0.004</td> <td colspan="2">1,1-Dichloroethene</td> <td>ND</td> <td>1.0</td> <td>0.005</td>	cis_1 2-Dichloroethene	ND	1.0 (	0.004	1,1-Dichloroethene		ND	1.0	0.005	
1.2-Dicklobophopane       ND       1.0       0.005       1.3-Dicklopophopane       ND       1.0       0.005         2.2-Dicklopoppane       ND       1.0       0.005       1.1-Dicklopoppane       ND       1.0       0.005         Diisopropyl ether (DIPE)       ND       1.0       0.005       Ethylbenzene       ND       1.0       0.005         Ethyl tert-butyl ether (ETBE)       ND       1.0       0.005       Fron 113       ND       1.0       0.005         4-Isopropyl ather (DIPE)       ND       1.0       0.005       Fron 113       ND       1.0       0.005         Ethyl tert-butyl ether (ETBE)       ND       1.0       0.005       Isopropylenzene       ND       1.0       0.005         2-Hexanone       ND       1.0       0.005       Isopropylenzene       ND       1.0       0.005         4-Isopropyl toluene       ND       1.0       0.005       Methyl-2-pentanone (MIBK)       ND       1.0       0.005         Styrene       ND       1.0       0.005       Tertachloroethane       ND       1.0       0.005         I,1,2-Zretrachloroethane       ND       1.0       0.005       Tertachloroethane       ND       1.0       0.005	1.2 Dichloropropane	ND	1.0 (	005	1.3 Dichloropropage	inc .	ND	1.0	0.005	
L2-Dicknosphopate         ND         1.0         0.005         restriction opprogene         ND         1.0         0.005           Disopropyl ether (DIPE)         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Freen 113         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropyl enzene         ND         1.0         0.005           4-Isopropyl oluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           4-Isopropyl oluene         ND         1.0         0.005         Methyl-z-pentanone (MIBK)         ND         1.0         0.005           Ausphthalene         ND         1.0         0.005         Intrachoroethane         ND         1.0         0.005           Styrene         ND         1.0         0.005         Intrachoroethane         ND         1.0         0.005           1.1,2,2-Tetrachloroethane         ND         1.0         0.005         I,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,-Trichloroethane	2.2-Dichloropropane	ND	1.0 (	005	1.1-Dichloropropene		ND	1.0	0.005	
Clis 1,5-Definition         Ind	cis-1 3-Dichloropropene	ND	1.0 (	005	trans-1 3-Dichloroprot	<b>Dene</b>	ND	1.0	0.005	
Dissipation of the constraint of th	Diisopropyl ether (DIPE)	ND	1.0 (	005	Ethylbenzene	Jene	ND	1.0	0.005	
Inditional (LTDE)       ND       1.0       0.003       Hexachlorobutadiene       ND       1.0       0.01         Hexachlorobutadiene       ND       1.0       0.005       Isopropylenzene       ND       1.0       0.005         2-Hexanone       ND       1.0       0.005       Isopropylenzene       ND       1.0       0.005         Methylene chloride       ND       1.0       0.005       Methyl-t-butyl ether (MTBE)       ND       1.0       0.005         Naphthalene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         Styrene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,2,4-Trichlorobenzene       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-T	Ethyl tert-butyl ether (ETBE)	ND	1.0 (	005	Erron 113		ND	1.0	0.005	
Interformation         Ind         Ind         Indext motochange         Ind	Hexachlorobutadiene	ND	1.0 (	005	Hexachloroethane		ND	1.0	0.005	
Albor       AD       AD       AD       AD       AD       AD       AD       AD         4-Isopropyl toluene       ND       1.0       0.005       Methyl-t-butyl ether (MTBE)       ND       1.0       0.005         Methylene chloride       ND       1.0       0.005       4-Methyl-2-pentanone (MIBK)       ND       1.0       0.005         Naphthalene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         Styrene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         1,1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,2,2-Tetrachloroethane       ND       1.0       0.005       1,1-Trichloroethane       ND       1.0       0.005         1,2,4-Tricholroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trinchylbenzene       ND       1.0       0.005       Trichloropropane       ND       1.0       0.005	2-Hexanone	ND	1.0 (	005	Isopropylbenzene		ND	1.0	0.005	
Methylene chloride         ND         1.0         0.005         Methylene (MTDL)         ND         1.0         0.005           Naphthalene         ND         1.0         0.005         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.005           Styrene         ND         1.0         0.005         n-Propyl benzene         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1,12-Trichloroethane         ND         1.0         0.005           1,1,2-Trichlorobenzene         ND         1.0         0.005         Tichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Tichloroethene         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           1,2,4-Trimethylbenzene	4-Isopropyl toluene	ND	1.0 (	005	Methyl-t-butyl ether (N	MTRF)	ND	1.0	0.005	
Mediyne cinolac       MD       1.0       0.005       (Midiy) 2 pendator (MDK)       MD       1.0       0.005         Naphthalene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         Styrene       ND       1.0       0.005       1,1,2-Tetrachloroethane       ND       1.0       0.005         1,1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         Toluene       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,2,4-Trichlorobenzene       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trimethylbenzene       ND       1.0       0.005       1,3,5-Trimethylbenzene       ND       1.0       0.005         1,2,4-Trimethylbenzene       ND       1.0       0.005       Xylenes, Total       ND       1.0       0.005	Methylene chloride	ND	1.0 (	005	4-Methyl-2-pentanone	(MIRK)	ND	1.0	0.005	
Name         ND         1.0         0.005         Intropyround         ND         1.0         0.005           Styrene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           Toluene         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           Vinyl Chloride         ND         1.0	Naphthalene	ND	1.0 (	005	n-Propyl benzene	(WIIDK)	ND	1.0	0.005	
Myretic         MD         1.0         0.005         Tritty Fundation optimizer         MD         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           Toluene         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,2,3-Trichloropropane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           %SS1:         94         %SS	Styrene	ND	1.0 (	005	1 1 1 2-Tetrachloroeth	ane	ND	1.0	0.005	
N.1.2.2 - Tertachnoloculate     ND     1.0     0.005     Tettachnoloculate     ND     1.0     0.005       Toluene     ND     1.0     0.005     1,2,3-Trichlorobenzene     ND     1.0     0.005       1,2,4-Trichlorobenzene     ND     1.0     0.005     1,1,1-Trichlorobenzene     ND     1.0     0.005       1,1,2-Trichlorobenzene     ND     1.0     0.005     Trichloroethane     ND     1.0     0.005       1,1,2-Trichloroethane     ND     1.0     0.005     Trichloroethene     ND     1.0     0.005       Trichlorofluoromethane     ND     1.0     0.005     1,2,3-Trichloropropane     ND     1.0     0.005       1,2,4-Trimethylbenzene     ND     1.0     0.005     1,3,5-Trimethylbenzene     ND     1.0     0.005       Vinyl Chloride     ND     1.0     0.005     Xylenes, Total     ND     1.0     0.005       %SS1:     94     %SS2:     113     Instructure     Instructure     Instructure       %SS3:     123     Instructure     Instructure     Instructure     Instructure	1 1 2 2-Tetrachloroethane	ND	1.0 (	005	Tetrachloroethene	anc	ND	1.0	0.005	
Indication         Indicat	Toluene	ND	1.0 (	005	1 2 3-Trichlorobenzen	٩	ND	1.0	0.005	
N.P.     ND     1.0     0.005     NIT Hemotochane     ND     1.0     0.005       1,1,2-Trichloroethane     ND     1.0     0.005     Trichloroethene     ND     1.0     0.005       Trichlorofluoromethane     ND     1.0     0.005     1,2,3-Trichloropropane     ND     1.0     0.005       1,2,4-Trimethylbenzene     ND     1.0     0.005     1,3,5-Trimethylbenzene     ND     1.0     0.005       Vinyl Chloride     ND     1.0     0.005     Xylenes, Total     ND     1.0     0.005       %SS1:     94     %SS2:     113     Stringender       %SS3:     123     123     113     113	1.2.4-Trichlorobenzene	ND	1.0 (	005	1,2,5-Trichloroethane	c	ND	1.0	0.005	
Trichlorofluoromethane         ND         1.0         0.005         Interformation         ND         1.0         0.005           Trichlorofluoromethane         ND         1.0         0.005         1,2,3-Trichloropropane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           Surrogate Recoveries (%)           %SS1:         94         %SS2:         113	1 1 2-Trichloroethane	ND	1.0 (	0.005	Trichloroethene		ND	1.0	0.005	
1.2.4-Trimethylbenzene         ND         1.0         0.005         1.2.5         1100000000000000000000000000000000000	Trichlorofluoromethane	ND	1.0 (	0.005	1.2.3-Trichloropropan	e	ND	1.0	0.005	
ND         ND         1.0         0.005         Nps Finded field of the second of t	1.2.4-Trimethylbenzene	ND 1.0 0.			1.3.5-Trimethylbenzer	ie.	ND	1.0	0.005	
Surrogate Recoveries (%)         %SS1:         94         %SS2:         113           Comments:         60000         60000         60000         60000         60000	Vinyl Chloride	ND	1.0 (	0.005	Xylenes, Total		ND	1.0	0.005	
%SS1:         94         %SS2:         113           %SS3:         123			Surros	ato D.	ecoveries (%)					
74         7052.         115           %\$\$3:         123         115	% SS1.		50170g	ate K	% \$\$2.		11	3		
Comments:	%\$\$3·	1	2 <del>7</del>  23		/0002.		11	J		
	Comments:	11	23		1					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell "When Qu	Analyti ality Counts'	cal, Inc '	<u>.</u>	1534 Willow Toll Free Telepho http://www.mccam	Pass Road, Pittsburg, CA one: (877) 252-9262 / Fa pbell.com / E-mail: mair	A 94565-1701 x: (925) 252-9269 a@mccampbell.com			
AEI Consultants	Cl	ient Project I	D: #3	06747; Wells	Date Sampled:	04/26/12			
	Fa	rgo			Date Received:	04/26/12			
2500 Camino Diablo, Ste. #200	Cli	ient Contact:	Jerem	y Smith	Date Extracted:	04/26/12			
Walnut Creek, CA 94597	Cli	ient P.O.: #V	/C083	562 Date Analyzed: 05/01/12					
	Volatile O	rganics by <b>H</b>	&T ar	nd GC/MS (Basic T	Target List)*				
Extraction Method: SW5030B		Analy	tical Meth	nod: SW8260B		Work Order: 1204	795		
Lab ID				1204795	5-011A				
Client ID				SB-2	-3.5				
Matrix		S011 Reporting						Peporting	
Compound	Concentrati	on * DF	Limit	Compour	nd	Concentration *	DF	Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	er (TAME)	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethan	ne	ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform		ND	1.0	0.005	
Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0	0.005	Dibromochlorometha	ne	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (H	EDB)	ND	1.0	0.004	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroeth	ene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005	
Disopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (	MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanon	e (MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroeth	nane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzer	ie	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene		ND	1.0	0.005	
	ND	1.0	0.005	1,2,3-Trichloropropar	ie	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-1rimethylbenze	ne	ND	1.0	0.005	
vinyi Chloride	ND	1.0	0.005	Aylenes, Total		ND	1.0	0.005	
		Sur	rogate R	ecoveries (%)		1			
%SS1:		94		%SS2:		11	3		
%\$\$3:		123							
Comments:									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analytic ality Counts''	al, Inc.		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com						
AEI Consultants	Clier	nt Project ID:	#30	06747; Wells	Date Sampled:	04/26/12				
	Farg	0			Date Received:	04/26/12				
2500 Camino Diablo, Ste. #200	Clier	nt Contact: Je	remv	/ Smith	Date Extracted:	: 04/26/12				
Walnut Creek, CA 94597	Clier	nt P.O.: #WC	P.O.: #WC083562 Date Analyzed:				04/30/12			
	Volatile Org	anics by P&'	T an	d GC/MS (Basic T	'arget List)*					
Extraction Method: SW5030B	, one of g	Analytica	l Metho	od: SW8260B		Work Order: 1204	795			
Lab ID	1204795-014A									
Client ID		SB-3-3.5								
Matrix				Soi	1	1		Demostine		
Compound	Concentration * DF Limit			Compour	ıd	Concentration *	DF	Limit		
Acetone	ND	1.0	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005		
Benzene	ND	1.0 0	.005	Bromobenzene		ND	1.0	0.005		
Bromochloromethane	ND	1.0 0	.005	Bromodichloromethan	e	ND	1.0	0.005		
Bromoform	ND	1.0 0	.005	Bromomethane		ND	1.0	0.005		
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05		
n-Butyl benzene	ND	1.0 0	.005	sec-Butyl benzene		ND	1.0	0.005		
tert-Butyl benzene	ND	1.0 0	.005	Carbon Disulfide		ND	1.0	0.005		
Carbon Tetrachloride	ND	1.0 0	.005	Chlorobenzene		ND	1.0	0.005		
Chloroethane	ND	1.0 0	.005	Chloroform		ND	1.0	0.005		
Chloromethane	ND	1.0 0	.005	2-Chlorotoluene		ND	1.0	0.005		
4-Chlorotoluene	ND	1.0 0	.005	Dibromochloromethan	e	ND	1.0	0.005		
1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004		
Dibromomethane	ND	1.0 0	.005	1,2-Dichlorobenzene		ND	1.0	0.005		
1,3-Dichlorobenzene	ND	ND 1.0 0.0		1,4-Dichlorobenzene		ND	1.0	0.005		
Dichlorodifluoromethane	ND	1.0 0	.005	1,1-Dichloroethane		ND	1.0	0.005		
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	.004	1,1-Dichloroethene		ND	1.0	0.005		
cis-1,2-Dichloroethene	ND	1.0 0	.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005		
1,2-Dichloropropane	ND	1.0 0	.005	1,3-Dichloropropane		ND	1.0	0.005		
2,2-Dichloropropane	ND	1.0 0	.005	1,1-Dichloropropene		ND	1.0	0.005		
cis-1,3-Dichloropropene	ND	1.0 0	.005	trans-1,3-Dichloroprop	bene	ND	1.0	0.005		
Diisopropyl ether (DIPE)	ND	1.0 0	.005	Ethylbenzene		ND	1.0	0.005		
Ethyl tert-butyl ether (ETBE)	ND	1.0 0	.005	Freon 113		ND	1.0	0.1		
Hexachlorobutadiene	ND	1.0 0	.005	Hexachloroethane		ND	1.0	0.005		
2-Hexanone	ND	1.0 0	.005	Isopropylbenzene		ND	1.0	0.005		
4-Isopropyl toluene	ND	1.0 0	.005	Methyl-t-butyl ether (N	MTBE)	ND	1.0	0.005		
Methylene chloride	ND	1.0 0	.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005		
Naphthalene	ND	1.0 0	.005	n-Propyl benzene		ND	1.0	0.005		
Styrene	ND	1.0 0	.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005		
1,1,2,2-Tetrachloroethane	ND	1.0 0	.005	Tetrachloroethene		ND	1.0	0.005		
Toluene	ND	1.0 0	.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005		
1,2,4-Trichlorobenzene	ND	1.0 0	.005	1,1,1-Trichloroethane		ND	1.0	0.005		
1,1,2-Trichloroethane	ND	1.0 0	.005	Trichloroethene		ND	1.0	0.005		
Trichlorofluoromethane	ND	1.0 0	.005	1,2,3-Trichloropropan	e	ND	1.0	0.005		
1,2,4-Trimethylbenzene	ND	1.0 0	.005	1,3,5-Trimethylbenzen	ie	ND	1.0	0.005		
Vinyl Chloride	ND	1.0 0	.005	Xylenes, Total		ND	1.0	0.005		
	•	Surrog	ate R	ecoveries (%)		·		•		
%SS1:	%SS2·		10	94						
%SS3:		102		///////////////////////////////////////		10	-			
Comments:	<u>.</u>			<u>.</u>						

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analytic ality Counts''	al <u>, Inc.</u>		1534 Willow F Toll Free Telephon http://www.mccamp	Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fax obell.com / E-mail: main	x 94565-1701 x: (925) 252-9269 @mccampbell.com				
AEI Consultants	Clier	t Project ID:	#30	06747; Wells	Date Sampled:	04/26/12				
2500 Coming Diala Sta #200	Farge	)			Date Received:	04/26/12				
2500 Camino Diabio, Ste. #200	Clien	t Contact: Je	remy	/ Smith	Date Extracted:	d: 04/26/12				
Walnut Creek, CA 94597	Clien	t P.O.: #WC	0835	62	Date Analyzed:	: 05/01/12				
	Volatile Org	anics by P&	Г an	d GC/MS (Basic T	'arget List)*					
Extraction Method: SW5030B		Analytical Method: SW8260B Work Order: 1204795								
Lab ID	1204795-020A									
Client ID				<u>SB-5-</u>	10.5					
Mathx		Rep Rep	porting	501	1			Reporting		
Compound	Concentration	Concentration * DF $I_{I}^{M_{F}}$		Compoun	id	Concentration *	DF	Limit		
Acetone	ND<1.0	20 0	).05	tert-Amyl methyl ether	(TAME)	ND<0.10	20	0.005		
Benzene	ND<0.10	20 0	.005	Bromobenzene		ND<0.10	20	0.005		
Bromochloromethane	ND<0.10	20 0	.005	Bromodichloromethan	e	ND<0.10	20	0.005		
Bromoform	ND<0.10	20 0	.005	Bromomethane		ND<0.10	20	0.005		
2-Butanone (MEK)	ND<0.40	20 0	0.02	t-Butyl alcohol (TBA)		ND<1.0	20	0.05		
n-Butyl benzene	ND<0.10	20 0	.005	sec-Butyl benzene		ND<0.10	20	0.005		
rt-Butyl benzene ND<0.1		20 0	.005	Carbon Disulfide		ND<0.10	20	0.005		
Chlomosthone	ND<0.10	20 0	.005	Chloroform		ND<0.10	20	0.005		
Chloromethane	ND<0.10	20 0	005	2 Chlorotoluono		ND<0.10	20	0.005		
4 Chlorotoluene	ND<0.10	20 0	005	2-Cillolololuelle Dibromochloromethan	0	ND<0.10	20	0.005		
1.2 Dibromo 3 chloropropapa	ND<0.10	20 0	003	1.2 Dibromoethane (F	DB)	ND<0.10	20	0.003		
Dibromomethane	ND<0.10	20 0	005	1,2-Dichlorobenzene	00)	ND<0.000	20	0.004		
1.3-Dichlorobenzene	ND<0.10	20 0	005	1.4-Dichlorobenzene		ND<0.10	20	0.005		
Dichlorodifluoromethane	ND<0.10	20 0	.005	1.1-Dichloroethane		ND<0.10	20	0.005		
1.2-Dichloroethane (1.2-DCA)	ND<0.080	20 0	.004	1,1-Dichloroethene		ND<0.10	20	0.005		
cis-1,2-Dichloroethene	ND<0.10	20 0	.005	trans-1,2-Dichloroethe	ene	ND<0.10	20	0.005		
1.2-Dichloropropane	ND<0.10	20 0	.005	1.3-Dichloropropane		ND<0.10	20	0.005		
2,2-Dichloropropane	ND<0.10	20 0	.005	1,1-Dichloropropene		ND<0.10	20	0.005		
cis-1,3-Dichloropropene	ND<0.10	20 0	.005	trans-1,3-Dichloroprop	bene	ND<0.10	20	0.005		
Diisopropyl ether (DIPE)	ND<0.10	20 0	.005	Ethylbenzene		ND<0.10	20	0.005		
Ethyl tert-butyl ether (ETBE)	ND<0.10	20 0	.005	Freon 113		ND<2.0	20	0.1		
Hexachlorobutadiene	ND<0.10	20 0	.005	Hexachloroethane		ND<0.10	20	0.005		
2-Hexanone	ND<0.10	20 0	.005	Isopropylbenzene		ND<0.10	20	0.005		
4-Isopropyl toluene	ND<0.10	20 0	.005	Methyl-t-butyl ether (N	MTBE)	ND<0.10	20	0.005		
Methylene chloride	ND<0.10	20 0	.005	4-Methyl-2-pentanone	(MIBK)	ND<0.10	20	0.005		
Naphthalene	ND<0.10	20 0	.005	n-Propyl benzene		ND<0.10	20	0.005		
Styrene	ND<0.10	20 0	.005	1,1,1,2-Tetrachloroeth	ane	ND<0.10	20	0.005		
1,1,2,2-Tetrachloroethane	ND<0.10	20 0	.005	Tetrachloroethene		ND<0.10	20	0.005		
Toluene	ND<0.10	20 0	.005	1,2,3-Trichlorobenzen	e	ND<0.10	20	0.005		
1,2,4-Trichlorobenzene	ND<0.10	20 0	.005	1,1,1-Trichloroethane		ND<0.10	20	0.005		
1,1,2-Trichloroethane	ND<0.10	20 0	.005	Trichloroethene		ND<0.10	20	0.005		
Trichlorofluoromethane	ND<0.10	20 0	.005	1,2,3-Trichloropropane	e	ND<0.10	20	0.005		
1,2,4-Trimethylbenzene	ND<0.10	20 0	.005	1,3,5-Trimethylbenzen	ie	ND<0.10	20	0.005		
Vinyl Chloride	ND<0.10	20 0	.005	Xylenes, Total		ND<0.10	20	0.005		
	<del></del>	Surrog	ate Re	ecoveries (%)		1				
%SS1: 98				%SS2:		10	4			
%SS3:	%SS3: 95									
Comments: a3	Comments: a3									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analy ality Cour	ytica nts''	l, Inc.		1534 Willow I Toll Free Telepho http://www.mccamp	Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fa pbell.com / E-mail: mair	A 94565-1701 x: (925) 252-9269 a@mccampbell.com			
AEI Consultants		Client	Project II	D: #30	06747; Wells	Date Sampled:	04/26/12			
		Fargo				Date Received:	04/26/12			
2500 Camino Diablo, Ste. #200		Client	Contact:	Jerem	v Smith	Date Extracted:	Date Extracted: 04/26/12			
Walnut Creek, CA 94597		Client	P.O.: #WC083562 Date Analy				1: 04/30/12			
	Volatile	Organ	ics by P	&T an	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B			Analyt	cal Meth	od: SW8260B		Work Order: 1204	795		
Lab ID		1204795-022A								
Client ID		SB-5-14.5								
Matrix				Penorting	Soi	l			Peporting	
Compound	Concentration * I		DF	Limit	Compour	nd	Concentration *	DF	Limit	
Acetone	NI	D	1.0	0.05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005	
Benzene	NI	D	1.0	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	NI	D	1.0	0.005	Bromodichloromethan	ie	ND	1.0	0.005	
Bromoform	NI	D	1.0	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	NI	D	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
n-Butyl benzene	NI	ND 1.0		0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND 1.0		1.0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND 1.0 (		0.005	Chlorobenzene		ND	1.0	0.005		
Chloroethane	NI	D	1.0	0.005	Chloroform		ND	1.0	0.005	
Chloromethane	NI	D	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	NI	D	1.0	0.005	Dibromochloromethar	ne	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	NI	D	1.0	0.004	1,2-Dibromoethane (E	EDB)	ND	1.0	0.004	
Dibromomethane	NI	ND 1.0		0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	NI	D	1.0	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	NI	D	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005		
1,2-Dichloroethane (1,2-DCA)	NI	D	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005		
cis-1,2-Dichloroethene	NI	D	1.0	0.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1,2-Dichloropropane	NI	D	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	NI	D	1.0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	NI	D	1.0	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	NI	D	1.0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	NI	D	1.0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	NI	D	1.0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	NI	D	1.0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	NI	D	1.0	0.005	Methyl-t-butyl ether (1	MTBE)	ND	1.0	0.005	
Methylene chloride	NI	D	1.0	0.005	4-Methyl-2-pentanone	e (MIBK)	ND	1.0	0.005	
Naphthalene	NI	D	1.0	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	NI	D	1.0	0.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	NI	D	1.0	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	NI	D	1.0	0.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	NI	D	1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	NI	D	1.0	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	NI	D	1.0	0.005	1,2,3-Trichloropropan	e	ND	1.0	0.005	
1,2,4-Trimethylbenzene	NI	D	1.0	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005	
V1nyl Chloride	NI	J	1.0	0.005	Xylenes, Total		ND	1.0	0.005	
			Surr	ogate R	ecoveries (%)		1			
%SS1: 87				%SS2:		10	2			
%SS3:		10	)3							
Comments:	Comments:									

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analytic ality Counts"	cal, Inc.		1534 Willow F Toll Free Telephon http://www.mccamp	Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fa: bbell.com / E-mail: main	A 94565-1701 x: (925) 252-9269 @mccampbell.com		
AEI Consultants	Clie	ent Project ID:	#30	06747; Wells	Date Sampled:	04/26/12		
	Far	go			Date Received:	04/26/12		
2500 Camino Diablo, Ste. #200	Clie	ent Contact: Je	remy	y Smith	Date Extracted:	04/26/12		
Walnut Creek, CA 94597	Clie	ent P.O.: #WC	)835	62	Date Analyzed:	04/30/12		
	Volatile Or	ganics by P&	Г an	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B		Analytical	Metho	od: SW8260B		Work Order: 1204	1795	
Lab ID				1204795	-023A			
Client ID				SB-6-	3.5			
Matrix		Da		Soi	1	1		Denostino
Compound	Concentratio	n * DF	Limit	Compour	ıd	Concentration *	DF	Limit
Acetone	ND	1.0 0	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005
Benzene	ND	1.0 0	.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0 0	.005	Bromodichloromethan	e	ND	1.0	0.005
Bromoform	ND	1.0 0	.005	Bromomethane		ND	1.0	0.005
2-Butanone (MEK)	ND	1.0 (	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05
n-Butyl benzene	ND	1.0 0	.005	sec-Butyl benzene		ND	1.0	0.005
tert-Butyl benzene	ND	1.0 0	.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0 0.005 Chlorobenzene		ND	1.0	0.005		
Chloroethane	ND	1.0 0	.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0 0	.005	2-Chlorotoluene		ND	1.0	0.005
4-Chlorotoluene	ND	1.0 0	.005	Dibromochloromethan		ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004
	ND 1.0 0.005		1,2-Dichlorobenzene		ND	1.0	0.005	
1,5-Dichlorodefizene	ND	1.0 0	005	1,4-Dichloroothana		ND	1.0	0.005
1.2 Disklamathana (1.2 DCA)	ND	1.0 0	.005	1.1-Dichloroethene		ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	.004	1,1-Dichloroethene		ND	1.0	0.005
1.2 Diskloromono	ND	1.0 0	005	1.2 Dishlarananana	ane	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0 0	005	1,5-Dichloropropane		ND	1.0	0.005
zis 1.2 Dichloropropane	ND	1.0 0	005	trans 1.2 Dishloroprot	2020	ND	1.0	0.005
Dijsopropyl ether (DIPE)	ND	1.0 0	005	Ethylbenzene	bene	ND	1.0	0.005
Ethyl tert butyl ether (ETRE)	ND	1.0 0	005	Euryidenzene Freon 113		ND	1.0	0.005
Heyachlorobutadiene	ND	1.0 0	005	Hevachloroethane		ND	1.0	0.005
2-Hevanone	ND	1.0 0	005	Isopropylbenzene		ND	1.0	0.005
4 Isopropyl toluene	ND	1.0 0	005	Methyl t butyl ether (N	MTRE)	ND	1.0	0.005
Methylene chloride	ND	1.0 0	005	A-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0 0	005	n-Propyl benzene	(WIDK)	ND	1.0	0.005
Styrene	ND	1.0 0	005	1 1 1 2-Tetrachloroeth	ane	ND	1.0	0.005
1 1 2 2-Tetrachloroethane	ND	1.0 0	005	Tetrachloroethene	ane	ND	1.0	0.005
Toluene	ND	1.0 0	.005	1.2.3-Trichlorobenzen	e	ND	1.0	0.005
1.2.4-Trichlorobenzene	ND	1.0 0	.005	1,1,1-Trichloroethane	<u> </u>	ND	1.0	0.005
1.1.2-Trichloroethane	ND	1.0 0	.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane	ND	1.0 0	005	1.2.3-Trichloropropan	e	ND	1.0	0.005
1.2.4-Trimethylbenzene	ND	10 0	.005	1.3.5-Trimethylbenzer	- Ie	ND	1.0	0.005
Vinyl Chloride	ND	1.0 0	.005	Xylenes, Total		ND	1.0	0.005
		Surrog	ate R	ecoveries (%)				
%SS1:	14	%SS2:		1(	)2			
%SS3:		102						
Comments:								

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analy ality Cour	/tica uts''	II, Inc.		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com					
AEI Consultants		Client	Project II	D: #30	06747; Wells	Date Sampled:	04/26/12			
		Fargo				Date Received:	04/26/12			
2500 Camino Diablo, Ste. #200		Client	Contact:	Jerem	/ Smith	Date Extracted:	: 04/26/12			
Walnut Creek, CA 94597		Client	P.O.: #W	C0835	62	Date Analyzed:	04/30/12			
	Volatile	Organ	ics by P	&T an	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B	,	Analytical Method: SW8260B Work Order: 1204795								
Lab ID		1204795-026A								
Client ID					SB-6-	14.5				
Matrix				Peporting	Soi	1			Peporting	
Compound	Concenti	Concentration * DF Limit			Compour	nd	Concentration *	DF	Limit	
Acetone	NI	)	1.0	0.05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005	
Benzene	NI	)	1.0	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	NI	)	1.0	0.005	Bromodichloromethan	ie	ND	1.0	0.005	
Bromoform	NI	)	1.0	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	NI	)	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
n-Butyl benzene	NI	)	1.0	0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	NI	)	1.0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	NL	ND 1.0 0.005 Chlorobenzene		ND	1.0	0.005				
Chloroethane	NI	)	1.0	0.005	Chloroform		ND	1.0	0.005	
Chloromethane	NI	)	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	NI	)	1.0	0.005	Dibromochloromethar	ne	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	NI	)	1.0	0.004	1,2-Dibromoethane (E	EDB)	ND	1.0	0.004	
Dibromomethane	NL	)	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	NI	)	1.0	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	NL	)	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	NL	)	1.0	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	NL	)	1.0	0.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1,2-Dichloropropane	NL	)	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	NL	)	1.0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
CIS-1,3-Dichloropropene	NL	)	1.0	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005	
Disopropyl ether (DIPE)	NL	)	1.0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	NL	)	1.0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	NL	)	1.0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	NL	)	1.0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	NL	)	1.0	0.005	Methyl-t-butyl ether (I	MTBE)	ND	1.0	0.005	
Methylene chloride	NL	)	1.0	0.005	4-Methyl-2-pentanone	e (MIBK)	ND	1.0	0.005	
Naphthalene	NL	)	1.0	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	NL	)	1.0	0.005	1,1,1,2-Tetrachloroeth	lane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	NL	)	1.0	0.005	Tetrachloroethene		ND	1.0	0.005	
	NL	)	1.0	0.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	NL		1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-1richloroethane	NL		1.0	0.005	1 2 2 Trial 1		ND	1.0	0.005	
1 2 4 Trimethalberg	NL		1.0	0.005	1,2,3-Trichloropropan	e	ND	1.0	0.005	
1,2,4-1rimetnyibenzene	NL		1.0	0.005	1,3,3-1rimethylbenzer	ie	ND	1.0	0.005	
vinyi Chioride	NI	J	1.0	0.005	Aylenes, Total		ND	1.0	0.005	
	1		Surr	ogate R	ecoveries (%)					
%SS1:	1	8	6		%SS2:		10	)4		
%SS3:		10	)1							
Comments:										

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

	Analytic ality Counts''	al, Inc.		1534 Willow F Toll Free Telephon http://www.mccamp	Pass Road, Pittsburg, CA ne: (877) 252-9262 / Fa: pbell.com / E-mail: main	A 94565-1701 x: (925) 252-9269 @mccampbell.com		
AEI Consultants	Clie	nt Project ID:	#30	06747; Wells	Date Sampled:	04/26/12		
	Farg	ç0			Date Received:	04/26/12		
2500 Camino Diablo, Ste. #200	Clie	nt Contact: Je	remy	y Smith	Date Extracted:	04/26/12		
Walnut Creek, CA 94597	Clie	nt P.O.: #WC	0835	62	Date Analyzed:	04/30/12		
	Volatile Org	ganics by P&'	Гan	d GC/MS (Basic T	arget List)*			
Extraction Method: SW5030B		Analytica	l Metho	od: SW8260B		Work Order: 1204	1795	
Lab ID				1204795	-027A			
Client ID				SB-7-	3.5			
Matrix	Reporting			Soi	1	· · · · · · · · · · · · · · · · · · ·		Deporting
Compound	Concentration	n * DF	Limit	Compour	nd	Concentration *	DF	Limit
Acetone	ND	1.0 (	).05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005
Benzene	ND	1.0 0	.005	Bromobenzene		ND	1.0	0.005
Bromochloromethane	ND	1.0 0	.005	Bromodichloromethan	e	ND	1.0	0.005
Bromoform	ND	1.0 0	.005	Bromomethane		ND	1.0	0.005
2-Butanone (MEK)	ND	1.0 (	).02	t-Butyl alcohol (TBA)		ND	1.0	0.05
n-Butyl benzene	ND	1.0 0	.005	sec-Butyl benzene		ND	1.0	0.005
tert-Butyl benzene	ND	1.0 0	.005	Carbon Disulfide		ND	1.0	0.005
Carbon Tetrachloride	ND	1.0 0	.005	Chlorobenzene		ND	1.0	0.005
Chloroethane	ND	1.0 0	.005	Chloroform		ND	1.0	0.005
Chloromethane	ND	1.0 0	.005	2-Chlorotoluene		ND	1.0	0.005
4-Chlorotoluene	ND	1.0 0	.005	Dibromochloromethan	ie	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004
Dibromomethane	ND	1.0 0	.005	1,2-Dichlorobenzene		ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0 0	.005	1,4-Dichlorobenzene		ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0 0	.005	1,1-Dichloroethane		ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	.004	1,1-Dichloroethene		ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0 0	.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0 0	.005	1,3-Dichloropropane		ND	1.0	0.005
2,2-Dichloropropane	ND	1.0 0	.005	1,1-Dichloropropene		ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0 0	.005	trans-1,3-Dichloroprop	bene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0 0	.005	Ethylbenzene		ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0 0	.005	Freon 113		ND	1.0	0.1
Hexachlorobutadiene	ND	1.0 0	.005	Hexachloroethane		ND	1.0	0.005
2-Hexanone	ND	1.0 0	.005	Isopropylbenzene		ND	1.0	0.005
4-Isopropyl toluene	ND	1.0 0	.005	Methyl-t-butyl ether (N	MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0 0	.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0 0	.005	n-Propyl benzene		ND	1.0	0.005
Styrene	ND	1.0 0	.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0 0	.005	Tetrachloroethene		ND	1.0	0.005
Toluene	ND	1.0 0	.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0 0	.005	1,1,1-Trichloroethane		ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0 0	.005	Trichloroethene		ND	1.0	0.005
Trichlorofluoromethane	ND	1.0 0	.005	1,2,3-Trichloropropan	e	ND	1.0	0.005
1,2,4-Trimethylbenzene	Trimethylbenzene ND 1.0 0.0			1,3,5-Trimethylbenzen	ne	ND	1.0	0.005
Vinyl Chloride	ND	1.0 0	.005	Xylenes, Total		ND	1.0	0.005
		Surrog	ate R4	ecoveries (%)				
%SS1:		% \$\$2· 103						
%551: 84 %\$\$3: 103			/0552.					
Comments:	u			<u> </u>				

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

<u>McCampbell Analytical, Inc.</u> "When Quality Counts"				1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com					
AEI Consultants	Clien	t Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
	Farge	)			04/26/12				
2500 Camino Diablo, Ste. #200	Clien	t Contact: Je	remy	/ Smith	Date Extracted: 04/26/12				
Walnut Creek, CA 94597	Clien	t P.O.: #WC	)835	62	Date Analyzed:	04/30/12			
	Volatile Orga	anics by P&	Гan	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B		Analytical	Metho	od: SW8260B		Work Order: 1204	1795		
Lab ID				1204795	-031A				
Client ID				SB-7-1	14.5				
Matrix		Por	orting	Soi		· · · · · · · · · · · · · · · · · · ·		Deporting	
Compound	Concentration	* DF	Limit	Compoun	d	Concentration *	DF	Limit	
Acetone	ND	1.0 (	0.05	tert-Amyl methyl ether	(TAME)	ND	1.0	0.005	
Benzene	ND	1.0 0	.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0 0	.005	Bromodichloromethan	e	ND	1.0	0.005	
Bromoform	ND	1.0 0	.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0 (	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
n-Butyl benzene	ND	1.0 0	.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND	1.0 0	.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0 0	.005	Chlorobenzene		ND	1.0	0.005	
Chloroethane	ND	1.0 0	.005	Chloroform		ND	1.0	0.005	
Chloromethane	ND	1.0 0	.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0 0	.005	Dibromochloromethan	e	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004	
Dibromomethane	ND	1.0 0	.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0 0	.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0 0	.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0 0	.005	trans-1,2-Dichloroethe	ne	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0 0	.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0 0	.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0 0	.005	trans-1,3-Dichloroprop	bene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0 0	.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0 0	.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0 0	.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0 0	.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0 0	.005	Methyl-t-butyl ether (M	ATBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0 0	.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0 0	.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0 0	.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0 0	.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0 0	.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0 0	.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0 0	.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0 0	.005	1,2,3-Trichloropropane	e	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0 0	.005	1,3,5-Trimethylbenzen	e	ND	1.0	0.005	
Vinyl Chloride	ND	1.0 0	.005	Xylenes, Total		ND	1.0	0.005	
		Surrog	ate R4	ecoveries (%)					
% SS1 · 83 % SS2 ·						16	)1		
%SS3:	<u> </u>	101		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Comments:	1			1					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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AEI Consultants	Client	Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
	Fargo				Date Received: 04/26/12				
2500 Camino Diablo, Ste. #200	Client	Client Contact: Jeremy Smith Date Extracted							
Walnut Creek, CA 94597	Client	Client P.O.: #WC083562 Date Analyzed:							
	Volatile Organ	nics by P&	T an	d GC/MS (Basic T	arget List)*				
Extraction Method: SW5030B	0	Work Order: 1204	795						
Lab ID				1204795	-032A				
Client ID				SB-4	-4				
Matrix		D	nontino	Soi	1			Demostine	
Compound	Concentration *	DF	Limit	Compour	nd	Concentration *	DF	Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005	
Benzene	ND	1.0 (	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0 (	0.005	Bromodichloromethan	ie	ND	1.0	0.005	
Bromoform	ND	1.0 (	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
n-Butyl benzene	ND	1.0 (	0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND	1.0 0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0 0	0.005	Chlorobenzene		ND	1.0	0.005	
Chloroethane	ND	1.0 (	0.005	Chloroform	ND	1.0	0.005		
Chloromethane	ND	1.0 (	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0 (	0.005	Dibromochloromethan	ne	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0 0	0.004	1,2-Dibromoethane (E	(DB)	ND	1.0	0.004	
Dibromomethane	ND	1.0 0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0 (	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0 (	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0 (	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0 (	0.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0 0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0 0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0 0	0.005	trans-1,3-Dichloroprop	pene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0 0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0 0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0 0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0 0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0 0	0.005	Methyl-t-butyl ether (I	MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0 (	0.005	4-Methyl-2-pentanone	(MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0 (	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0 (	0.005	1,1,1,2-Tetrachloroeth	ane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0 (	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0 (	0.005	1,2,3-Trichlorobenzen	e	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0 (	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0 (	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0 (	0.005	1,2,3-Trichloropropan	e	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0 (	0.005	1,3,5-Trimethylbenzer	ne	ND	1.0	0.005	
Vinyl Chloride	ND	1.0 (	0.005	Xylenes, Total		ND	1.0	0.005	
	•	Surrog	ate R	ecoveries (%)		·		•	
% SS1· 94				%SS2:		11.	4		
%\$\$3:	1	26		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		11	-		
Comments:	1 1	-		<u> </u>					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc. "When Quality Counts"			-	1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com					
AEI Consultants	Cli	ent Project	D: #3	06747; Wells	Date Sampled:	04/26/12	<u> </u>		
	Fai	rgo			Date Received: 04/26/12				
2500 Camino Diablo, Ste. #200	Cli	Client Contact: Jeremy Smith Date Extracted							
Walnut Creek, CA 94597	Cli	ent P.O.: #V	VC083:	562	Date Analyzed:	05/01/12			
	Volatile O	rganics by ]	P&T ar	d GC/MS (Basic ]	[arget List)*				
Extraction Method: SW5030B		Anal	ytical Metl	nod: SW8260B	8 /	Work Order: 1204	795		
Lab ID				1204795	5-038A				
Client ID				SB-4-	29.5				
Matrix			Desceting	So	il	1		Donostino	
Compound	Concentratio	on * DF	Limit	Compour	nd	Concentration *	DF	Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ethe	er (TAME)	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene		ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethan	ne	ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane		ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene		ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide		ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene		ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005		
Chloromethane	ND	1.0	0.005	2-Chlorotoluene		ND	1.0	0.005	
4-Chlorotoluene	ND	1.0	0.005	Dibromochlorometha	ne	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (H	EDB)	ND	1.0	0.004	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene		ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene		ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene		ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroeth	ene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane		ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene		ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropro	pene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene		ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113		ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane		ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene		ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (	MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone	e (MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene		ND	1.0	0.005	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroeth	nane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene		ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzer	ne	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane		ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene		ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropar	ne	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenze	ne	ND	1.0	0.005	
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total		ND	1.0	0.005	
		Sm	rogate F	ecoveries (%)					
%SS1:		94		%SS2:		11	3		
%SS3:		123							
Comments:				_					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	McCampbell Analytical, Inc. "When Quality Counts"				1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com					
Pargo         Date Received: 04/26/12           Colorator: Jeremy Smith         Date Received: 04/26/12           Volatile Organics by P&T and GC/MS (Basic Target List)*           Colspan="2">Date Analyzed: 05/01/12           Exaction Method: 5W3000         Wolatile Organics by P&T and GC/MS (Basic Target List)*           Summa Concentration * DF         Parameter State State           Site State State           Site State State           Compound         Concentration * DF         Parameter State State           ND         10           Compound         Concentration * DF         Parameter State State           ND         10         Concentration * DF         Parameter State Sta	AEI Consultants	Clier	nt Project ID:	#30	06747; Wells	Date Sampled:	04/26/12			
2500 Cammo Dublo, Ste. #200         Client Contact: Jeremy Smith         Date Extracted:         0.427/12           Walnut Creek, CA 94597         Client P.O.: #WC083562         Date Analyzed:         0.501/12           Volatile Organics by P&T and GC/MS (Basic Target List)*           Extraction Method:         SW0000         Work Outer:         204795           Maint         Soil         Soil         Concornal         DP         Regression           Compound         Concentration         DF         Regression         Soil         District         District         District           Compound         Concentration         DF         Regression         Soil         District         ND         1.0         0.005           Broundermembra         ND         1.0         0.005         Broundermembra         ND         1.0         0.005           Broundermembra         ND         1.0         0.005         Broundermembra         ND         1.0         0.005           Standard         ND         1.0         0.005         Broundermembra         ND         1.0         0.005           Broundermembra         ND         1.0         0.005         Broundermembra         ND         1.0         0.005           St		Farg	0			Date Received:	04/26/12			
Walnut Creck, CA 94597         Client P.O.: #WC083562         Date Analyzed: 05/01/12           Volatile Organics by P&T and GC/MS (Basic Target List)*           Lab ID         Wak Out: 12/04795-043A           Client ID         Wak Out: 12/04795-043A           Soil           Compound         Concentration *         DF         Regression           Action *         ND         10.0         0.005           Sign         Compound         Concentration *         DF         Regression           Compound         Concentration *         DF         Compound         Concentration *         DF <th colspan<="" td=""><td>2500 Camino Diablo, Ste. #200</td><td>Clier</td><td colspan="5">Client Contact: Jeremy Smith Date Extracted</td><td></td><td></td></th>	<td>2500 Camino Diablo, Ste. #200</td> <td>Clier</td> <td colspan="5">Client Contact: Jeremy Smith Date Extracted</td> <td></td> <td></td>	2500 Camino Diablo, Ste. #200	Clier	Client Contact: Jeremy Smith Date Extracted						
Volatile Organics by P&T and GC/MS (Basic Target List)*           Extraction Method:         \$\screekeeperf{stars}         Weak Order:         1294795           Is bit         Is bit         Is bit         Weak Order:         1294795/s43A           Client ID         SB-4-54-5         Soil         Soil           Compound         Concentration         DF         Regime         Compound         Concentration *         DF         Regime           Revene         ND         1.0         0.005         Iternaviene Internaviene Internavien	Walnut Creek, CA 94597	Clier	Client P.O.: #WC083562 Date Analyzed:							
Extraction Method:         SW 93001         Year A subject of Method:         SW 92601         Year A subject of Method:         Year A subject of Method: <th< td=""><td></td><td>Volatile Org</td><td>anics by P&amp;'</td><td>Гan</td><td>d GC/MS (Basic T</td><td>arget List)*</td><td></td><td></td><td></td></th<>		Volatile Org	anics by P&'	Гan	d GC/MS (Basic T	arget List)*				
Ida ID Clien ID Marix         Idor 795-043A           SB 4-54.5           Compound         Concentration 4 Marix         DF         Reprint Compound         Concentration 4 Marix         DF         Reprint Compound         Concentration 4 DF         Reprint Concentration           Action 10         DD         10.0         0.0005           Concentration 4 Bromochineon Chirorothane         ND         1.0         0.0005           Concentration 4 DF         Reprint Concentration         ND         1.0         0.0005           Concentration 4 DF         Reprint Concentration         ND         1.0         0.0005           Concentration 4 DF         Reprint Concentration         ND         1.0         0.0005           Concentration 4 DF <th colsp<="" td=""><td>Extraction Method: SW5030B</td><td>0</td><td>Analytica</td><td>l Meth</td><td>od: SW8260B</td><td>0</td><td>Work Order: 1204</td><td>795</td><td></td></th>	<td>Extraction Method: SW5030B</td> <td>0</td> <td>Analytica</td> <td>l Meth</td> <td>od: SW8260B</td> <td>0</td> <td>Work Order: 1204</td> <td>795</td> <td></td>	Extraction Method: SW5030B	0	Analytica	l Meth	od: SW8260B	0	Work Order: 1204	795	
SB1-584-5845           Soil           Compound          DF         Reporting           Compound          DF         Reporting           Acetone         ND         1.0         0.005         Bromodername         ND         1.0         0.005           Bromocharomethane         ND         1.0         0.005         Bromoderhane         ND         1.0         0.005           Bromodername         ND         1.0         0.005         Resonance         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           1-#Butyl benzene         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Librorechlane         ND         1.0         0.005         Librorechlane         ND         1.0         0.005           Lobrorechlane         ND         1.0         0.005         Librohorechlono	Lab ID				1204795	-043A				
Matrix         DF         Reporting Lange         Compound         Concentration *         DF         Reporting Lange           Acetone         ND         1.0         0.005         tert-Anyl methyl ether (TAME)         ND         1.0         0.005           Benzene         ND         1.0         0.005         Bromochi/nomethane         ND         1.0         0.005           Bromochi/nomethane         ND         1.0         0.005         Bromochi/nomethane         ND         1.0         0.005           Bromochi/nomethane         ND         1.0         0.005         Bromochi/nomethane         ND         1.0         0.005           2-Butanore (MEK)         ND         1.0         0.005         Early alcoh/(TBA)         ND         1.0         0.005           Carbon Tetrakloride         ND         1.0         0.005         Carbon Disulfale         ND         1.0         0.005           Charbor ettrakloride         ND         1.0         0.005         Charborene         ND         1.0         0.005           Charbor ettrakloride         ND         1.0         0.005         Labrohomethane         ND         1.0         0.005           Labrohomethane         ND         1.0         0.005	Client ID				SB-4-5	54.5				
Compound         Concentration *         DF         image         Compound         Concentration *         DF         image           Acetone         ND         1.0         0.005         tert-Amyl methyl ether (TAME)         ND         1.0         0.005           Bernzene         ND         1.0         0.005         Bromodenzene         ND         1.0         0.005           Bromodefname         ND         1.0         0.005         Bromodenzene         ND         1.0         0.005           Bromodefname         ND         1.0         0.005         Scenaryl benzene         ND         1.0         0.005           Labutyl benzene         ND         1.0         0.005         Carbor Disufide         ND         1.0         0.005           Chlorotchnae         ND         1.0         0.005         Chlorotchnae         ND         1.0         0.005           Chlorotchnae         ND         1.0         0.005         Lichorotoluene         ND         1.0         0.005           Lobromochare         ND         1.0         0.005         Lichorotocharea         ND         1.0         0.005           Lobromochare         ND         1.0         0.005         Lichiorotocharea	Matrix		Re	norting	Soi	1			Reporting	
Acetone         ND         1.0         0.05         tert-Ampli methylether (TAME)         ND         1.0         0.005           Benzene         ND         1.0         0.005         Bromodichoromethane         ND         1.0         0.005           Bromochioromethane         ND         1.0         0.005         Bromodichoromethane         ND         1.0         0.005           Bromodicom         ND         1.0         0.005         Bromodichoromethane         ND         1.0         0.005           Sentance (MEK)         ND         1.0         0.005         Cachon 1050/174A         ND         1.0         0.005           Carbon Testachloride         ND         1.0         0.005         Charbon 1050/174A         ND         1.0         0.005           Charbon Testachloride         ND         1.0         0.005         Charbon 100         ND         1.0         0.005           Charbon Testachloride         ND         1.0         0.005         Charbon 100         0.004         1.2binomodichare         ND         1.0         0.005           Charbon Testachloride         ND         1.0         0.005         1.2-Dichonobenzene         ND         1.0         0.005           L-2binomodinane	Compound	Concentration	* DF	Limit	Compour	nd	Concentration *	DF	Limit	
Benzene         ND         1.0         0.005         Bromochloromethane         ND         1.0         0.005           Bromochloromethane         ND         1.0         0.005         Bromochloromethane         ND         1.0         0.005           Bromochloromethane         ND         1.0         0.005         Bromochloromethane         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         Carbon Ternchoride         ND         1.0         0.005           Carbon Ternchoride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Charbon Ternchoride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Charbon Ternchoride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Charbon Ternchoride         ND         1.0         0.005         2-Dichorobenzene         ND         1.0         0.005           1.2-Dichorobenzene         ND         1.0         0.005         1.4-Dichorobenzene         ND         1.0         0.005           1.2-Dichorobenzene         ND         1.0         0	Acetone	ND	1.0 0	).05	tert-Amyl methyl ether	r (TAME)	ND	1.0	0.005	
Bromochloromethane         ND         1.0         0.005         Bromodichloromethane         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.002         I-Butyl alcohol (TBA)         ND         1.0         0.005           2-Butyl henzene         ND         1.0         0.005         sea-Butyl henzene         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Chloromethane         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Chloromethane         ND         1.0         0.005         Chloromethane         ND         1.0         0.005           1.2-Dibromo-schloromethane         ND         1.0         0.005         1.2-Dichono-schloromethane         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.1-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlorobethane         ND <t< td=""><td>Benzene</td><td>ND</td><td>1.0 0</td><td>.005</td><td>Bromobenzene</td><td></td><td>ND</td><td>1.0</td><td>0.005</td></t<>	Benzene	ND	1.0 0	.005	Bromobenzene		ND	1.0	0.005	
Bromoderm         ND         1.0         0.005         Bromonethane         ND         1.0         0.005           2-Butanone (MEK)         ND         1.0         0.005         Lesuyi abcohol (TBA)         ND         1.0         0.005           n=Butyi benzene         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Chloroschane         ND         1.0         0.005           Chloroschane         ND         1.0         0.005         Chloroschane         ND         1.0         0.005           4-Chlorotolaene         ND         1.0         0.005         2-Chloroschane         ND         1.0         0.005           1.2-Dirborno-3-chloropropane         ND         1.0         0.005         1.2-Dirboroschane         ND         1.0         0.005           1.3-Dichloroschane         ND         1.0         0.005         1.2-Dichloroschane         ND         1.0         0.005           1.2-Dichloroschane         ND         1.0         0.005         1.1-Dichloroschane         ND         1.0         0.005           1.2-Dichloroschane         ND         1.0         0.005 <td>Bromochloromethane</td> <td>ND</td> <td>1.0 0</td> <td>.005</td> <td>Bromodichloromethan</td> <td>e</td> <td>ND</td> <td>1.0</td> <td>0.005</td>	Bromochloromethane	ND	1.0 0	.005	Bromodichloromethan	e	ND	1.0	0.005	
2-Butanone (MEK) ND 1.0 0.02 1-Butyl alcohol (TBA) ND 1.0 0.005 tert-Butyl benzene ND 1.0 0.005 sec-Butyl benzene ND 1.0 0.005 tert-Butyl benzene ND 1.0 0.005 sec-Butyl benzene ND 1.0 0.005 Carbon Tetrachloride ND 1.0 0.005 Choroform ND 1.0 0.005 Chloroethane ND 1.0 0.005 Choroform ND 1.0 0.005 Chloroethane ND 1.0 0.005 Choroform ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.005 Dibromochloromethane ND 1.0 0.005 4-Chlorotoluene ND 1.0 0.006 Dibromochloromethane ND 1.0 0.005 1.2-Dichorobezene ND 1.0 0.006 1.4-Dichorobezene ND 1.0 0.005 Dichoroethane ND 1.0 0.005 1.4-Dichorobezene ND 1.0 0.005 Dichoroethane ND 1.0 0.005 1.4-Dichorobezene ND 1.0 0.005 Dichoroethane ND 1.0 0.005 1.4-Dichorobezene ND 1.0 0.005 Dichloroethane ND 1.0 0.005 1.4-Dichorobezene ND 1.0 0.005 1.2-Dichoroethane ND 1.0 0.005 1.4-Dichorobezene ND 1.0 0.005 1.2-Dichoroethane ND 1.0 0.005 1.3-Dichoroethane ND 1.0 0.005 1.2-Dichoroethane ND 1.0 0.005 1.3-Dichoropropane ND 1.0 0.005 1.2-Dichoroethane ND 1.0 0.005 1.3-Dichoropropane ND 1.0 0.005 1.2-Dichoropropane ND 1.0 0.005 1.3-Dichoropropane ND 1.0 0.005 Ethyl tetr-butyl ether (ETBE) ND 1.0 0.005 1.3-Dichoropropene ND 1.0 0.005 Ethyl tetr-butyl ether (ETBE) ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropane ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropane ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 Ethyl tetr-butyl ether (ETBE) ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.1.2-Dichoropropene ND 1.0 0.005 1.1.2-Dichoropropene ND 1.0 0.005 1.1.1.2-Dichoropr	Bromoform	ND	1.0 0	.005	Bromomethane		ND	1.0	0.005	
n-Batyl benzene         ND         1.0         0.005         Gasc-Butyl benzene         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Carbon Disulfide         ND         1.0         0.005           Carbon Tetrachloride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Chloroethane         ND         1.0         0.005         Chlorotoluene         ND         1.0         0.005           Chloroethane         ND         1.0         0.005         Dibromochane         ND         1.0         0.005           4-Chlorotoluene         ND         1.0         0.005         1.2-Dibromo-3-chloropropane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.2-Dichloroethane         ND         1.0         0.005         1.3-Dichloropenzene         ND         1.0         0.005           1.2-Dichloroethane         ND         1.0         0.005         1.3-Dichloropenzene         ND         1.0         0.005           1.2-Dichlororothene         ND         1.0 </td <td>2-Butanone (MEK)</td> <td>ND</td> <td>1.0 0</td> <td>).02</td> <td>t-Butyl alcohol (TBA)</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.05</td>	2-Butanone (MEK)	ND	1.0 0	).02	t-Butyl alcohol (TBA)		ND	1.0	0.05	
Inter-Bary benzene         ND         1.0         0.003         Carbon Tetracholoide         ND         1.0         0.003           Carbon Tetracholoide         ND         1.0         0.005         Chlorostenzene         ND         1.0         0.005           Chloromethane         ND         1.0         0.005         Chlorostenzene         ND         1.0         0.005           Chlorostolaene         ND         1.0         0.005         Dibromochane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         1.4-Dichlorostenzene         ND         1.0         0.005           1.3-Dichlorostenzene         ND         1.0         0.005         1.4-Dichlorostenzene         ND         1.0         0.005           1.3-Dichlorostenzene         ND         1.0         0.005         1.4-Dichlorostenzene         ND         1.0         0.005           1.2-Dichlorostenzene         ND         1.0         0.005         1.4-Dichlorostenzene         ND         1.0         0.005           1.2-Dichlorostenzene         ND         1.0         0.005         trass-1.2-Dichlorostenzene         ND         1.0         0.005           1.2-Dichlorostenzene <td< td=""><td>n-Butyl benzene</td><td>ND</td><td>1.0 0</td><td>.005</td><td>sec-Butyl benzene</td><td></td><td>ND</td><td>1.0</td><td>0.005</td></td<>	n-Butyl benzene	ND	1.0 0	.005	sec-Butyl benzene		ND	1.0	0.005	
Carbon letrachloride         ND         1.0         0.005         Chlorobenzene         ND         1.0         0.005           Chlorothane         ND         1.0         0.005         Chloroform         ND         1.0         0.005           Chlorothuene         ND         1.0         0.005         2-Chlorotoluene         ND         1.0         0.005           1.2-Dirbromo-S-chloropropane         ND         1.0         0.004         1.2-Dirbromochloromethane         ND         1.0         0.004           Dibromomethane         ND         1.0         0.005         1.2-Dirbromochlaromethane         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.2-Dichloropenane         ND         1.0         0.005         1.1-Dichloropethane         ND         1.0         0.005           1.2-Dichloropenane         ND         1.0         0.005         1.1-Dichloropethane         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         1.1-Dichloropropane         ND         1.0         0.005           2-Dichloropropane         ND <t< td=""><td>tert-Butyl benzene</td><td>ND</td><td>1.0 0</td><td>.005</td><td>Carbon Disulfide</td><td></td><td>ND</td><td>1.0</td><td>0.005</td></t<>	tert-Butyl benzene	ND	1.0 0	.005	Carbon Disulfide		ND	1.0	0.005	
Chlorotethane         ND         1.0         0.005         Chlorotoluene         ND         1.0         0.005           4-Chlorotoluene         ND         1.0         0.005         Dibromo-schloropropane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.004         1.2-Dibromo-schane (EDB)         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorothane (1,2-DCA)         ND         1.0         0.005         1.4-Dichloroethane         ND         1.0         0.005           1.2-Dichlorothane (1,2-DCA)         ND         1.0         0.005         1.1-Dichloroethane         ND         1.0         0.005           1.2-Dichloroptrane         ND         1.0         0.005         1.3-Dichloroptrane         ND         1.0         0.005           1.2-Dichloroptrapene         ND         1.0         0.005         1.1-Dichlorotoptrapene         ND         1.0         0.005           1.2-Dichloroptrapene         ND         1.0         0.005         Itanis-1.2-Dichloroptrapene         ND         1.0         0.005           1.2-Dichl	Carbon Tetrachloride	ND	1.0 0	.005	Chlorobenzene		ND	1.0	0.005	
Chloromethane         ND         1.0         0.005         2-Chlorotolucene         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         11/2-Dibromochlaromethane         ND         1.0         0.005           1.2-Dibromo-3-chloropropane         ND         1.0         0.005         1.2-Dichlorobenzene         ND         1.0         0.005           1.3-Dichlorobenzene         ND         1.0         0.005         1.4-Dichlorobenzene         ND         1.0         0.005           1.2-Dichlorobenzene         ND         1.0         0.005         1.1-Dichloroethane         ND         1.0         0.005           1.2-Dichloropethane         ND         1.0         0.005         1.1-Dichloroethane         ND         1.0         0.005           1.2-Dichloropropane         ND         1.0         0.005         1.3-Dichloropropane         ND         1.0         0.005           2.2-Dichloropropane         ND         1.0         0.005         Irans-1.3-Dichloropropane         ND         1.0         0.005           2.2-Dichloropropane         ND         1.0         0.005         Freen 113         ND         1.0         0.005           Ethyleter-butyl ether (DIPE	Chloroethane	ND	1.0 0	.005	Chloroform	ND	1.0	0.005		
4-Chiorotoluene         ND         1.0         0.005         Dibromochane (EDB)         ND         1.0         0.004           Dibromos-schloropropane         ND         1.0         0.005         1,2-Dibromochane (EDB)         ND         1.0         0.005           1,3-Dichlorobenzene         ND         1.0         0.005         1,4-Dichlorobenzene         ND         1.0         0.005           Dichlorodifluoromethane         ND         1.0         0.005         1,4-Dichlorobenzene         ND         1.0         0.005           1,2-Dichloroethane (1,2-DCA)         ND         1.0         0.005         1,1-Dichloroethane         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           Libuly t	Chloromethane	ND	1.0 0	.005	2-Chlorotoluene		ND	1.0	0.005	
1.2.Dibromo-3-chloropropane       ND       1.0       0.004       1.2.Dibromochane (EDB)       ND       1.0       0.005         1.3.Dichlorobenzene       ND       1.0       0.005       1.2.Dichlorobenzene       ND       1.0       0.005         1.3.Dichlorobenzene       ND       1.0       0.005       1.1.Dichlorobenzene       ND       1.0       0.005         1.2.Dichloroethane       ND       1.0       0.005       1.1.Dichloroethane       ND       1.0       0.005         1.2.Dichloroethane       ND       1.0       0.004       1.1.Dichloroethene       ND       1.0       0.005         1.2.Dichloroptopane       ND       1.0       0.005       1.3.Dichloroptopane       ND       1.0       0.005         1.2.Dichloropropane       ND       1.0       0.005       trans-1.3.Dichloroptopene       ND       1.0       0.005         cis-1.3.Dichloropropane       ND       1.0       0.005       trans-1.3.Dichloroptopene       ND       1.0       0.005         cis-1.3.Dichloropropane       ND       1.0       0.005       trans-1.3.Dichloroptopane       ND       1.0       0.005         cis-1.3.Dichloroptopene       ND       1.0       0.005       trans-1.3.Dichloroptopane <td< td=""><td>4-Chlorotoluene</td><td>ND</td><td>1.0 0</td><td>.005</td><td>Dibromochloromethan</td><td>ie</td><td>ND</td><td>1.0</td><td>0.005</td></td<>	4-Chlorotoluene	ND	1.0 0	.005	Dibromochloromethan	ie	ND	1.0	0.005	
Dibrommethane         ND         1.0         0.005         1,2-Dichlorobenzene         ND         1.0         0.005           J3-Dichlorobenzene         ND         1.0         0.005         1,4-Dichlorobenzene         ND         1.0         0.005           Dichlorodifluoromethane         ND         1.0         0.005         1,1-Dichloroethane         ND         1.0         0.005           L2-Dichloroethane         ND         1.0         0.005         trans-1,2-Dichloroethane         ND         1.0         0.005           L2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropene         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Diisopropyl ether (DIPE)         ND         1.0         0.005         Feor 113         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           4-Isopropyl toluene <td< td=""><td>1,2-Dibromo-3-chloropropane</td><td>ND</td><td>1.0 0</td><td>.004</td><td>1,2-Dibromoethane (E</td><td>DB)</td><td>ND</td><td>1.0</td><td>0.004</td></td<>	1,2-Dibromo-3-chloropropane	ND	1.0 0	.004	1,2-Dibromoethane (E	DB)	ND	1.0	0.004	
1.3-Dichlorobenzene     ND     1.0     0.005     1.4-Dichlorobenzene     ND     1.0     0.005       Dichlorodifluoromethane     ND     1.0     0.005     1,1-Dichloroethane     ND     1.0     0.005       1.2-Dichloroethane (1,2-DCA)     ND     1.0     0.005     trans-1,2-Dichloroethane     ND     1.0     0.005       1.2-Dichloropropane     ND     1.0     0.005     trans-1,2-Dichloroethene     ND     1.0     0.005       2.2-Dichloropropane     ND     1.0     0.005     trans-1,3-Dichloropropane     ND     1.0     0.005       2.2-Dichloropropane     ND     1.0     0.005     trans-1,3-Dichloropropene     ND     1.0     0.005       Disopropyl ether (DIPE)     ND     1.0     0.005     Ethylbenzene     ND     1.0     0.005       Ethyl tert-butyl ether (ETBE)     ND     1.0     0.005     Hexachloroethane     ND     1.0     0.005       2-Hexanone     ND     1.0     0.005     Hexachloroethane     ND     1.0     0.005       4-Isopropyl toluene     ND     1.0     0.005     Hexachloroethane     ND     1.0     0.005       Styrene     ND     1.0     0.005     Hexachloroethane     ND     1.0     0.005	Dibromomethane	ND	1.0 0	.005	1,2-Dichlorobenzene		ND	1.0	0.005	
Dichlorodnituoromethane         ND         1.0         0.005         1,1-0-incloroethane         ND         1.0         0.005           1,2-Dichloroethane (1,2-DCA)         ND         1.0         0.004         1,1-Dichloroethene         ND         1.0         0.005           is:1,2-Dichloroethene         ND         1.0         0.005         trans-1,2-Dichloroethene         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Disopropyl ether (DIPE)         ND         1.0         0.005         Ethylbenzene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Keachloroethane         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Keachloroethane         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Hexachloroethane         ND         1.0         0.005           Naphthalene	1,3-Dichlorobenzene	ND	1.0 0	.005	1,4-Dichlorobenzene		ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)       ND       1.0       0.004       1,1-Dichloroethene       ND       1.0       0.005         cis-1,2-Dichloroptopane       ND       1.0       0.005       trans-1,2-Dichloroptopane       ND       1.0       0.005         2,2-Dichloropropane       ND       1.0       0.005       1,3-Dichloropropane       ND       1.0       0.005         2,2-Dichloropropane       ND       1.0       0.005       trans-1,3-Dichloropropene       ND       1.0       0.005         Diisopropyl ether (DIPE)       ND       1.0       0.005       trans-1,3-Dichloropropene       ND       1.0       0.005         Ethyl tert-butyl ether (ETBE)       ND       1.0       0.005       Hexachloroethane       ND       1.0       0.005         2-Hexanone       ND       1.0       0.005       Isopropyl ether (MTBE)       ND       1.0       0.005         Austhoroethane       ND       1.0       0.005       kexachloroethane       ND       1.0       0.005         2-Hexanone       ND       1.0       0.005       Hexachloroethane       ND       1.0       0.005         Austhoroptoplatene       ND       1.0       0.005       rereon113       ND       1.0	Dichlorodifluoromethane	ND	1.0 0	.005	1,1-Dichloroethane		ND	1.0	0.005	
Cis+1,2-Dichloroethene         ND         1.0         0.005         Trans-1,2-Dichloroethene         ND         1.0         0.005           1,2-Dichloropropane         ND         1.0         0.005         1,3-Dichloropropane         ND         1.0         0.005           2,2-Dichloropropane         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Diisopropyl ether (DIPE)         ND         1.0         0.005         Ethylbenzene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Hexachloroethane         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         n-Propyl benzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         Hextenhoroethane         ND         1.0         0.005           1,1,2.2-Tetrachloroethane	1,2-Dichloroethane (1,2-DCA)	ND	1.0 0	.004	1,1-Dichloroethene		ND	1.0	0.005	
1,2-Dichloropropane     ND     1.0     0.005     1,3-Dichloropropane     ND     1.0     0.005       2,2-Dichloropropane     ND     1.0     0.005     1,1-Dichloropropane     ND     1.0     0.005       cis:1,3-Dichloropropane     ND     1.0     0.005     trans-1,3-Dichloropropane     ND     1.0     0.005       Diisopropyl ether (DIPE)     ND     1.0     0.005     Ethylbenzene     ND     1.0     0.005       Ethyl tert-butyl ether (ETBE)     ND     1.0     0.005     Freon 113     ND     1.0     0.005       2-Hexanone     ND     1.0     0.005     Isopropylbenzene     ND     1.0     0.005       4-Isopropyl toluene     ND     1.0     0.005     Methyl-butyl ether (MTBE)     ND     1.0     0.005       Methylene chloride     ND     1.0     0.005     n-Propyl benzene     ND     1.0     0.005       Styrene     ND     1.0     0.005     retrachloroethane     ND     1.0     0.005       1,1,2-2-Tetrachloroethane     ND     1.0     0.005     retrachloroethane     ND     1.0     0.005       1,1,2,2-Tetrachloroethane     ND     1.0     0.005     retrachloroethane     ND     1.0     0.005       1,	cis-1,2-Dichloroethene	ND	1.0 0	.005	trans-1,2-Dichloroethe	ene	ND	1.0	0.005	
1.2.2-Dichloropropane         ND         1.0         0.005         1,1-Dichloropropene         ND         1.0         0.005           cis-1,3-Dichloropropene         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Diisopropyl ether (DIPE)         ND         1.0         0.005         Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Hexachloroethane         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropyl benzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.005           Styrene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005	1,2-Dichloropropane	ND	1.0 0	.005	1,3-Dichloropropane		ND	1.0	0.005	
Cits-1,3-Dichloropropene         ND         1.0         0.005         trans-1,3-Dichloropropene         ND         1.0         0.005           Diisopropyl ether (DIPE)         ND         1.0         0.005         Ethylbenzene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Freon 113         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylbenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         a-Propyl benzene         ND         1.0         0.005           Naphthalene         ND         1.0         0.005         i-Propyl benzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         i-Propyl benzene         ND         1.0         0.005           I,2,4-Trichloroethane         ND         1.0         0.005         i-trachloroethane         ND         1.0         0.005           I,2,4-Trichloroethane         ND	2,2-Dichloropropane	ND	1.0 0	.005	1,1-Dichloropropene		ND	1.0	0.005	
Disopropyl etner (DIPE)         ND         1.0         0.005         Ethylenzene         ND         1.0         0.005           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Freon 113         ND         1.0         0.01           Hexachlorobutadiene         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.005           Naphthalene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           Styrene         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         1,2,3-Trichlorobenzene         ND         1.0         0.005           1,2,4-Trichloroethane         ND	CIS-1,3-Dichloropropene	ND	1.0 0	.005	trans-1,3-Dichloroproj	bene	ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)         ND         1.0         0.005         Freen 113         ND         1.0         0.1           Hexachlorobutadiene         ND         1.0         0.005         Hexachloroethane         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.005           Naphthalene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         1,2,3-Trichloroethane         ND         1.0         0.005           1,2,4-Trinethylbenze	Disopropyl etner (DIPE)	ND	1.0 0	.005	Ethylbenzene		ND	1.0	0.005	
Hexachlorobutatiene         ND         1.0         0.005         Hexachlorobutatiene         ND         1.0         0.005           2-Hexanone         ND         1.0         0.005         Isopropylbenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         I-Propyl benzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         I-trachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         I-trachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         I-trachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         I-trichloroethane         ND         1.0         0.005           1,2,4-Trichlorofluoromethane         ND         1.0         0.005         I-trichloroethane         ND         1.0         0.005           1,2,4-Trimethylbenzene	Etnyl tert-butyl etner (ETBE)	ND	1.0 0	.005	Freon 113		ND	1.0	0.1	
2-Hexanone         ND         1.0         0.005         Isopropylenzene         ND         1.0         0.005           4-Isopropyl toluene         ND         1.0         0.005         Methyl-t-butyl ether (MTBE)         ND         1.0         0.005           Methylene chloride         ND         1.0         0.005         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.005           Naphtalene         ND         1.0         0.005         n-Propyl benzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         1,1,2-Tetrachloroethane         ND         1.0         0.005           1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,1,2-Trichlorobenzene         ND         1.0         0.005         Trichloroethene         ND         1.0         0.005           1,1,2-Trichloroptenae         ND         1.0         0.005         Trichloroptenae         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND		ND	1.0 0	.005	Hexachioroethane		ND	1.0	0.005	
A-isopropyrioliteite       ND       1.0       0.005       Methylener(MTBE)       ND       1.0       0.005         Methylene chloride       ND       1.0       0.005       4-Methyl-2-pentanone (MIBK)       ND       1.0       0.005         Naphthalene       ND       1.0       0.005       n-Propyl benzene       ND       1.0       0.005         Styrene       ND       1.0       0.005       1,1,2-Tetrachloroethane       ND       1.0       0.005         1,1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         1,2,4-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,1,2-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,1,2-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trimethylbenzene       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005 <td>2-Hexanone</td> <td>ND</td> <td>1.0 0</td> <td>.005</td> <td>Isopropyidenzene</td> <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td>	2-Hexanone	ND	1.0 0	.005	Isopropyidenzene		ND	1.0	0.005	
Methylehe chloride         ND         1.0         0.005         4-Methyle-2-pentanone (MBK)         ND         1.0         0.005           Naphthalene         ND         1.0         0.005         n-Propyl benzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           Toluene         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trinethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND	4-Isopropyl toluene	ND	1.0 0	.005	Methyl-t-butyl ether (f	(MIDK)	ND	1.0	0.005	
Naphthalene         ND         1.0         0.005         n-Propyroenzene         ND         1.0         0.005           Styrene         ND         1.0         0.005         1,1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           Toluene         ND         1.0         0.005         Tetrachloroethene         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           Vinyl Chloride         ND         1.0 </td <td>Neutrylene chionde</td> <td>ND</td> <td>1.0 0</td> <td>.005</td> <td>4-Metnyl-2-pentanone</td> <td>(MIBK)</td> <td>ND</td> <td>1.0</td> <td>0.005</td>	Neutrylene chionde	ND	1.0 0	.005	4-Metnyl-2-pentanone	(MIBK)	ND	1.0	0.005	
Styrene         ND         1.0         0.005         1,1,2-Tetrachloroethane         ND         1.0         0.005           1,1,2,2-Tetrachloroethane         ND         1.0         0.005         Tetrachloroethane         ND         1.0         0.005           Toluene         ND         1.0         0.005         Tetrachloroethene         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,2,4-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,2,3-Trichloropropane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           %SS1:         93         %SS2:<	Stamon	ND	1.0 0	.005	n-Propyl benzene		ND	1.0	0.005	
1,1,2,2-Tetrachloroethane       ND       1.0       0.005       Tetrachloroethane       ND       1.0       0.005         Toluene       ND       1.0       0.005       1,2,3-Trichlorobenzene       ND       1.0       0.005         1,2,4-Trichlorobenzene       ND       1.0       0.005       1,1,1-Trichlorobenzene       ND       1.0       0.005         1,1,2-Trichlorobenzene       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,1,2-Trichloroethane       ND       1.0       0.005       Trichloroethane       ND       1.0       0.005         1,2,4-Trimethylbenzene       ND       1.0       0.005       1,3,5-Trimethylbenzene       ND       1.0       0.005         Vinyl Chloride       ND       1.0       0.005       Xylenes, Total       ND       1.0       0.005         %SS1:       93       %SS2:       113       113         %SS3:       120       120       113	1 1 2 2 Tetrachloroothono	ND	1.0 0	.005	Tatra ablana than a	ane	ND	1.0	0.005	
Indete         ND         1.0         0.005         1,2,3-Trichlorobenzene         ND         1.0         0.005           1,2,4-Trichlorobenzene         ND         1.0         0.005         1,1,1-Trichloroethane         ND         1.0         0.005           1,1,2-Trichloroethane         ND         1.0         0.005         Trichloroethane         ND         1.0         0.005           Trichlorofluoromethane         ND         1.0         0.005         1,2,3-Trichloropropane         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           %SS1:         93         %SS2:         113         -         -         -           %SS3:         120         -         -         -         -         -         -	Toluono	ND	1.0 0	005	1.2.2 Trichlorohonzon	2	ND	1.0	0.005	
1,2,4- Inchrobolenzene       ND       1.0       0.005       1,1,1- Inchrobolenzene       ND       1.0       0.005         1,1,2-Trichloroethane       ND       1.0       0.005       Trichloroethene       ND       1.0       0.005         Trichlorofluoromethane       ND       1.0       0.005       1,2,3-Trichloropropane       ND       1.0       0.005         1,2,4-Trimethylbenzene       ND       1.0       0.005       1,3,5-Trimethylbenzene       ND       1.0       0.005         Vinyl Chloride       ND       1.0       0.005       Xylenes, Total       ND       1.0       0.005         Surrogate Recoveries (%)         %SS1:       93       %SS2:       113         %SS3:       120        113	1.2.4 Trichlorohonzono	ND	1.0 0	005	1,2,5-Trichloroothana	e	ND	1.0	0.005	
ND     1.0     0.005     Intenfordentiale     ND     1.0     0.005       Trichlorofluoromethane     ND     1.0     0.005     1,2,3-Trichloropropane     ND     1.0     0.005       1,2,4-Trimethylbenzene     ND     1.0     0.005     1,3,5-Trimethylbenzene     ND     1.0     0.005       Vinyl Chloride     ND     1.0     0.005     Xylenes, Total     ND     1.0     0.005       SSS1:     93     %SS2:     113       %SS3:     120	1,2,4-Themorooenzene	ND	1.0 0	.005	Triableroathana		ND	1.0	0.005	
Incluiofondofonentarie         ND         1.0         0.005         1,2,3-Tritetholophopate         ND         1.0         0.005           1,2,4-Trimethylbenzene         ND         1.0         0.005         1,3,5-Trimethylbenzene         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           Surrogate Recoveries (%)         %SS1:         93         %SS2:         113         Commentaria	Trichlorofluoromethane	ND	1.0 0	.005	1.2.2 Trichloropropan	2	ND	1.0	0.005	
ND         ND         1.0         0.005         1,5,5-11111ethyloenzelle         ND         1.0         0.005           Vinyl Chloride         ND         1.0         0.005         Xylenes, Total         ND         1.0         0.005           Surrogate Recoveries (%)         %SS1:         93         %SS2:         113           %SS3:         120	1.2.4-Trimethylbenzene		1.0 0	005	1.3.5-Trimethylberzor		ND	1.0	0.005	
ND         ND         1.0         0.005         Aytenes, total         ND         1.0         0.005           Surrogate Recoveries (%)         %SS1:         93         %SS2:         113           %SS3:         120	Vinyl Chloride		1.0 0	005	Xylenes Total		ND	1.0	0.005	
Surrogate Recoveries (%)           %SS1:         93         %SS2:         113           %SS3:         120         113		ND	1.0 0	.005			nD	1.0	0.005	
%551:         95         %552:         113           %553:         120         120         113	0/ 551.		Surrog	ate R	ecoveries (%)			2		
70555. 120	%551: 0/ \$\$2.		<u>93</u>		%552:		11	3		
	70.555.		120		]					

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

# surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

McCampbell Analytical, Inc. "When Quality Counts"			1534 Willow Pass Road, Pittsburg, CA 94565-1701 Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269 http://www.mccampbell.com / E-mail: main@mccampbell.com				
AEI Consult	ants	Client Project ID:	#306747; Wells Date Sampled: 04/26/12				
2500 Camino	o Diablo, Ste. #200	rargo	Date Recei			/26/12	
Client Contact:			eremy Smith	Date Extracted	d 04	/26/12-0	04/27/12
Walnut Creek, CA 94597 Client P.O.: #WC			083562	Date Analyzed	d 04	/28/12-0	05/01/12
Extraction methods	Gasoline Ra	nge (C6-C12) Vola	tile Hydrocarbons as (	Gasoline*	W	vels Ordore	1204705
Lab ID	Client ID	TPH(g)		DF	% SS	Comments	
011A	SB-2-3.5	S	ND		1	103	
014A	SB-3-3.5	S	ND		1	109	
020A	SB-5-10.5	S	350		100	119	d7
022A	SB-5-14.5	S	ND		1	110	
023A	SB-6-3.5	S	ND		1	117	
026A	SB-6-14.5	S	ND		1	110	
027A	SB-7-3.5	S	ND		1	116	
031A	SB-7-14.5	S	ND		1	111	
032A	SB-4-4	S	ND		1	104	
038A	SB-4-29.5	S	ND		1	108	
043A	SB-4-54.5	S	ND		1	110	

Reporting Limit for $DF = 1$ ;	W	NA	NA
above the reporting limit	S	1.0	mg/Kg

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

# cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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	cCampbell Ana "When Quality Con	lytical, Inc unts"	1534 Wil Toll Free Tel http://www.me	llow Pass Road, Pittsburg, CA lephone: (877) 252-9262 / Fax: ccampbell.com / E-mail: main@	94565-1701 (925) 252-92 mccampbell	269 .com	
AEI Consultar	nts	Client Project I	D: #306747; Wells Fa	rgo Date Sampled:	04/26/	12	
2500 Comino	Diable Sta #200			04/26/12			
2500 Camino	Diabio, Ste. #200	Client Contact:	Jeremy Smith	Date Extracted:	04/26/	12-04/2	27/12
Walnut Creek	, CA 94597	Client P.O.: #	04/26/	12-05/0	02/12		
Extraction method:	Extraction method:         SW3550B/3630C         Analytical methods:         SW8015B						
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1204795-011A	SB-2-3.5	S	ND	ND	1	97	
1204795-014A	SB-3-3.5	S	ND	ND	1	98	
1204795-020A	SB-5-10.5	S	750	770	1	96	e7,e8,e11
1204795-022A	SB-5-14.5	S	ND	ND	1	99	
1204795-023A	SB-6-3.5	S	150	400	1	89	e7,e2
1204795-026A	SB-6-14.5	S	ND	ND	1	98	
1204795-027A	SB-7-3.5	S	18	240	1	83	e7,e2
1204795-031A	SB-7-14.5	S	2.2	ND	1	96	e6
1204795-032A	SB-4-4	S	1.5	ND	1	96	e2
1204795-038A	SB-4-29.5	S	1.4	ND	1	100	e2
1204795-043A	SB-4-54.5	S	2.7	5.3	1	101	e7,e2

Reporting Limit for $DF = 1$ ;	W	NA	NA	ug/L
above the reporting limit	S	1.0	5.0	mg/Kg

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

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e2) diesel range compounds are significant; no recognizable pattern

e6) one to a few isolated peaks present in the THP(d/mo) chromatogram

e7) oil range compounds are significant

e8) kerosene/kerosene range/jet fuel range e11) stoddard solvent/mineral spirit (?)

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Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	QC Matrix	Soil			BatchID	: 67058		WorkC	order: 1204795
EPA Method: SW8260B Extraction: S	SW5030B					ę	Spiked Sam	ple ID:	1204788-016A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	93.4	87.8	6.25	90.5	70 - 130	30	50 - 135
Benzene	ND	0.050	99.5	97.2	2.36	102	70 - 130	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	91	93.9	3.04	94.9	70 - 130	30	50 - 143
Chlorobenzene	ND	0.050	102	100	1.71	102	70 - 130	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	97.3	96.4	0.907	97.7	70 - 130	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	94.3	93.7	0.658	95.9	70 - 130	30	64 - 133
1,1-Dichloroethene	ND	0.050	89	86.9	2.36	92.7	70 - 130	30	70 - 142
Diisopropyl ether (DIPE)	ND	0.050	93.8	92.8	1.15	96.1	70 - 130	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	91.7	91.4	0.390	93.9	70 - 130	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	91.5	89.1	2.61	92.3	70 - 130	30	65 - 130
Toluene	ND	0.050	107	106	1.71	108	70 - 130	30	70 - 146
Trichloroethene	ND	0.050	112	109	2.19	114	70 - 130	30	66 - 143
%SS1:	96	0.12	97	98	1.60	99	70 - 130	30	70 - 130
%SS2:	113	0.12	113	112	0.799	112	70 - 130	30	70 - 130
%SS3:	122	0.012	124	123	0.636	121	70 - 130	30	70 - 130
All target compounds in the Method Blank of this extraction b NONE	oatch were ND	less than th	e method	RL with t	he following	g exception	15:		

#### BATCH 67058 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-004A	04/26/12 10:20 AM	04/26/12	04/30/12 3:37 PM	1204795-007A	04/26/12 11:05 AM	04/26/12	04/30/12 4:17 PM
1204795-010A	04/26/12 11:30 AM	04/26/12	05/01/12 2:47 AM	1204795-011A	04/26/12 12:30 PM	04/26/12	05/01/12 3:26 AM
1204795-014A	04/26/12 12:50 PM	04/26/12	04/30/12 4:58 PM				

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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A QA/QC Officer



Datable 67060

### **QC SUMMARY REPORT FOR SW8260B**

OC Matrix Call

W.O. Sample Matrix: Soil	QC Matrix:	QC Matrix: Soil				BatchID: 67068 WorkOrd			order: 1204795
EPA Method: SW8260B Extra	action: SW5030B					ę	Spiked San	ple ID:	1204795-038A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	88.8	96.8	8.66	88.9	70 - 130	30	50 - 135
Benzene	ND	0.050	97.2	101	4.17	97.3	70 - 130	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	95.1	98.1	3.17	94	70 - 130	30	50 - 143
Chlorobenzene	ND	0.050	102	105	2.66	101	70 - 130	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	98.4	100	1.96	97.1	70 - 130	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	92.6	97.8	5.43	94.1	70 - 130	30	64 - 133
1,1-Dichloroethene	ND	0.050	83.9	95.1	12.5	84.9	70 - 130	30	70 - 142
Diisopropyl ether (DIPE)	ND	0.050	91.7	95.9	4.43	93	70 - 130	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	90.8	95.1	4.54	91.4	70 - 130	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	90.4	93.8	3.72	89.9	70 - 130	30	65 - 130
Toluene	ND	0.050	106	110	3.45	107	70 - 130	30	70 - 146
Trichloroethene	ND	0.050	121	125	3.58	119	70 - 130	30	66 - 143
%SS1:	94	0.12	97	98	1.19	99	70 - 130	30	70 - 130
%SS2:	113	0.12	113	112	0.193	113	70 - 130	30	70 - 130
%SS3:	123	0.012	124	122	1.75	123	70 - 130	30	70 - 130
All target compounds in the Method Blank of this ex NONE	traction batch were ND	less than th	e method	RL with t	he following	g exceptior	is:		

#### BATCH 67068 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-020A	04/26/12 1:28 AM	04/26/12	05/01/12 4:54 PM	1204795-022A	04/26/12 1:40 AM	04/26/12	04/30/12 5:39 PM
1204795-023A	04/26/12 1:55 AM	04/26/12	04/30/12 6:20 PM	1204795-026A	04/26/12 2:15 AM	04/26/12	04/30/12 7:00 PM
1204795-027A	04/26/12 2:00 PM	04/26/12	04/30/12 9:05 PM	1204795-031A	04/26/12 2:25 PM	04/26/12	04/30/12 10:27 PM
1204795-032A	04/26/12 9:30 AM	04/26/12	04/30/12 11:33 PM	1204795-038A	04/26/12 10:05 AM	04/26/12	05/01/12 12:12 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

A QA/QC Officer

DHS ELAP Certification 1644



### QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil	QC Matrix:	Soil			BatchID	: 67116		WorkO	rder: 1204795
EPA Method: SW8260B Ex	xtraction: SW5030B					:	Spiked Sam	nple ID:	1204795-043A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
, maryo	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	96.3	94.2	2.21	95.5	70 - 130	30	50 - 135
Benzene	ND	0.050	109	108	1.09	109	70 - 130	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	101	102	1.76	101	70 - 130	30	50 - 143
Chlorobenzene	ND	0.050	107	107	0	107	70 - 130	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	103	105	1.79	103	70 - 130	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	103	102	0.631	102	70 - 130	30	64 - 133
1,1-Dichloroethene	ND	0.050	125	123	2.14	123	70 - 130	30	70 - 142
Diisopropyl ether (DIPE)	ND	0.050	103	102	0.747	102	70 - 130	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	101	100	1.20	99.8	70 - 130	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	99.4	100	0.595	98.9	70 - 130	30	65 - 130
Toluene	ND	0.050	114	116	1.28	115	70 - 130	30	70 - 146
Trichloroethene	ND	0.050	135, F1	136, F1	0.549	133	70 - 130	30	66 - 143
%SS1:	93	0.12	99	99	0	99	70 - 130	30	70 - 130
%SS2:	113	0.12	112	113	0.507	112	70 - 130	30	70 - 130
%SS3:	120	0.012	121	121	0	122	70 - 130	30	70 - 130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE									
F1 = MS/MSD recovery was out of acceptance cr	iteria; LCS validated the pro-	ep batch.							
	BATCH 6	57116 SUN	MMARY						

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-043A	04/26/12 12:10 PM	04/27/12	05/01/12 8:09 PM				

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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A/QC Officer



### **QC SUMMARY REPORT FOR SW8021B/8015Bm**

W.O. Sample Matrix: Soil	QC Matrix: Soil				BatchID: 67061			WorkOrder: 1204795	
EPA Method: SW8021B/8015Bm Extraction: SW5030B						ę	Spiked Sam	ple ID:	1204788-016A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex) <sup>£</sup>	ND	0.60	120	120	0	120	70 - 130	20	70 - 130
MTBE	ND	0.10	76.7	81.3	5.79	77.4	70 - 130	20	70 - 130
Benzene	ND	0.10	99.4	102	2.09	103	70 - 130	20	70 - 130
Toluene	ND	0.10	100	102	1.88	103	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	102	104	2.31	104	70 - 130	20	70 - 130
Xylenes	ND	0.30	105	107	1.97	107	70 - 130	20	70 - 130
%SS:	111	0.10	121	122	0.649	120	70 - 130	20	70 - 130
All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE									

BATCH 67061 SUMMARY										
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed			
1204795-011A	04/26/12 12:30 PM	04/26/12	04/28/12 3:32 PM	1204795-014A	04/26/12 12:50 PM	04/26/12	04/28/12 2:00 PM			
1204795-020A	04/26/12 1:28 AM	04/26/12	04/28/12 7:03 PM							

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.

 $\pounds$  TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

AL\_\_QA/QC Officer



### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil				BatchID: 67070 WorkOrder: 1204					order: 1204795
EPA Method: SW8021B/8015Bm Extraction: SW5030B						÷	Spiked Sam	ple ID:	1204795-038A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex) <sup>£</sup>	ND	0.60	89.3	97.7	9.03	85.1	70 - 130	20	70 - 130
MTBE	ND	0.10	89.5	85.4	4.51	86.7	70 - 130	20	70 - 130
Benzene	ND	0.10	87.5	92.2	5.23	83.9	70 - 130	20	70 - 130
Toluene	ND	0.10	86.5	91.3	5.49	82.6	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	89.6	94.7	5.55	81.9	70 - 130	20	70 - 130
Xylenes	ND	0.30	92.9	97.7	5.11	85.8	70 - 130	20	70 - 130
%SS:	108	0.10	72	88	19.7	78	70 - 130	20	70 - 130
All target compounds in the Method Blank of this extraction ba NONE	tch were ND	less than th	e method	RL with th	ne following	g exceptior	is:		

BATCH 67070 SUMMARY										
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed			
1204795-022A	04/26/12 1:40 AM	04/26/12	04/28/12 1:00 PM	1204795-023A	04/26/12 1:55 AM	04/26/12	05/01/12 8:40 AM			
1204795-026A	04/26/12 2:15 AM	04/26/12	04/28/12 1:30 PM	1204795-027A	04/26/12 2:00 PM	04/26/12	04/28/12 4:02 PM			
1204795-031A	04/26/12 2:25 PM	04/26/12	04/28/12 5:03 PM	1204795-032A	04/26/12 9:30 AM	04/26/12	04/28/12 1:11 PM			
1204795-038A	04/26/12 10:05 AM	04/26/12	04/28/12 3:01 PM							

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.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

AL\_\_QA/QC Officer



### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil					BatchID: 67110 WorkOr			Order: 1204795	
EPA Method: SW8021B/8015Bm Extraction: S	W5030B					Ş	Spiked Sam	ple ID:	1204840-031A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acc	eptance	e Criteria (%)
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex) <sup>£</sup>	ND	0.60	91.7	88.7	3.31	88.9	70 - 130	20	70 - 130
MTBE	ND	0.10	92.8	82.5	11.7	81	70 - 130	20	70 - 130
Benzene	ND	0.10	89.3	83.7	6.45	85.4	70 - 130	20	70 - 130
Toluene	ND	0.10	88	82.7	6.27	84.1	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	91	84.6	7.24	86.6	70 - 130	20	70 - 130
Xylenes	ND	0.30	94.5	87.2	8.06	89.6	70 - 130	20	70 - 130
%SS:	108	0.10	83	83	0	85	70 - 130	20	70 - 130
All target compounds in the Method Blank of this extraction ba NONE	tch were ND	less than th	e method	RL with th	ne following	g exception	s:		

BATCH 67110 SUMMARY										
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed			
1204795-043A	04/26/12 12:10 PM	04/27/12	04/28/12 6:33 PM							

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.

 $\pounds$  TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or 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.

AL\_\_QA/QC Officer



### **QC SUMMARY REPORT FOR SW8015B**

W.O. Sample Matrix: Soil QC Matrix: Soil				BatchID: 67059 WorkOrder: 1204				order: 1204795		
EPA Method: SW8015B	Extraction: SW3	3550B/363	30C				ę	Spiked Sam	ple ID:	1204788-016A
Analyte		Sample	Spiked	MS	IS MSD MS-MSD LCS Acceptance			Criteria (%)		
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)		26	40	96.5	93.4	1.91	103	70 - 130	30	70 - 130
%SS:		101	25	100	99	1.43	79	70 - 130	30	70 - 130
All target compounds in the Method Blank on NONE	of this extraction batch	n were ND	less than th	e method ]	RL with th	ne following	g exception	IS:		

#### BATCH 67059 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-011A	04/26/12 12:30 PM	04/26/12	04/27/12 11:36 AM	1204795-014A	04/26/12 12:50 PM	04/26/12	04/27/12 1:50 PM
1204795-020A	04/26/12 1:28 AM	04/26/12	04/28/12 3:28 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 enough sample to perform matrix spike and matrix spike duplicate.

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.

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K\_\_QA/QC Officer



### **QC SUMMARY REPORT FOR SW8015B**

W.O. Sample Matrix: Soil QC Matrix: Soil				BatchID: 67069 WorkOrder: 12			rder: 1204795			
EPA Method: SW8015B	hod: SW8015B Extraction: SW3550B/3630C Spiked Sample IE						ple ID:	1204842-011A		
Analyte		ample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	m	ng/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	2	2000	40	NR	NR	NR	102	N/A	N/A	70 - 130
%SS:	-	#	25	NR	NR	NR	95	N/A	N/A	70 - 130
All target compounds in the Method Blank of NONE	f this extraction batch w	ere ND l	ess than the	e method l	RL with th	ne following	g exception	s:		

#### BATCH 67069 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-022A	04/26/12 1:40 AM	04/26/12	04/27/12 2:47 AM	1204795-023A	04/26/12 1:55 AM	04/26/12	04/27/12 10:24 PM
1204795-026A	04/26/12 2:15 AM	04/26/12	04/27/12 9:23 AM	1204795-027A	04/26/12 2:00 PM	04/26/12	04/28/12 12:40 AM
1204795-031A	04/26/12 2:25 PM	04/26/12	04/27/12 12:43 PM	1204795-032A	04/26/12 9:30 AM	04/26/12	04/27/12 11:36 AM
1204795-038A	04/26/12 10:05 AM	04/26/12	04/26/12 11:28 PM				

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

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K\_\_\_\_QA/QC Officer



### **QC SUMMARY REPORT FOR SW8015B**

W.O. Sample Matrix: Soil	QC Matrix: Soil				BatchID: 67111		WorkOrder: 1204795				
EPA Method: SW8015B	Extraction: S	W3550B/36	30C		Spiked Sample ID: 1204842-013A						
Analvte		Sample Spiked MS MSD MS-MSD LCS Acceptar				eptance	ce Criteria (%)				
		mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS	
TPH-Diesel (C10-C23)		1.9	40	108	111	2.10	103	70 - 130	30	70 - 130	
%SS:		104	25	101	104	2.54	96	70 - 130	30	70 - 130	
All target compounds in the Method Blank of t NONE	his extraction ba	tch were ND	less than th	e method	RL with th	ne following	g exception	IS:			

#### BATCH 67111 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1204795-043A	04/26/12 12:10 PM	04/27/12	05/02/12 4:40 PM				

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 enough sample to perform matrix spike and matrix spike duplicate.

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.

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