

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/03/2018	04/05/2018	06/29/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	02/21/2018	02/23/2018	03/23/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2017	06/12/2018	08/06/2018
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	04/06/2018	04/24/2018	06/14/2018
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/25/2018	06/27/2018	08/06/2018
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	04/03/2018	05/07/2018	06/15/2018
CA	CUPA SAN FRANCISCO CO	CUPA SAN FRANCISCO CO	San Francisco County Department of Environmen	04/20/2018	04/24/2018	05/04/2018
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	06/04/2018	06/06/2018	07/17/2018
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	06/25/2018	06/28/2018	08/06/2018
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	05/31/2018	06/20/2018	08/06/2018
CA	DRYCLEAN SOUTH COAST	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District	03/16/2018	03/20/2018	05/04/2018
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2017	06/20/2018	08/06/2018
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/18/2018	04/24/2018	07/06/2018
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/18/2018	04/20/2018	06/19/2018
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/14/2018	05/15/2018	06/22/2018
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/29/2018	05/30/2018	07/17/2018
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2016	07/12/2017	10/17/2017
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/21/2018	05/23/2018	07/17/2018
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/09/2018	04/11/2018	06/19/2018
CA	ICE	ICE	Department of Toxic Substances Control	05/21/2018	05/23/2018	07/17/2018
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	06/11/2018	06/13/2018	07/17/2018
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/31/2018	06/05/2018	07/18/2018
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018
CA	MINES	Mines Site Location Listing	Department of Conservation	06/11/2018	06/13/2018	08/06/2018
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/23/2018	06/06/2018	07/18/2018
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/14/2018	05/16/2018	07/05/2018
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	06/04/2018	06/06/2018	07/19/2018

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	PROC	Certified Processors Database	Department of Conservation	06/11/2018	06/13/2018	08/06/2018
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	06/18/2018	06/20/2018	08/06/2018
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	04/30/2018	05/02/2018	06/22/2018
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Department of Conservation	04/27/2018	06/13/2018	07/17/2018
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	04/10/2018	04/13/2018	06/19/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/23/2018	04/24/2018	06/07/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	01/04/2018	01/19/2018	04/13/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/08/2018	03/13/2018	06/08/2018
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	06/04/2018	06/06/2018	07/13/2018
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/11/2018	06/13/2018	07/18/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	02/25/2018	03/17/2018	06/08/2018
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/20/2018	02/21/2018	03/23/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	04/23/2018	04/24/2018	06/07/2018
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/23/2018	04/24/2018	06/07/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2016	10/31/2017	01/12/2018
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
<b><u>HISTORICAL USE RECORDS</u></b>						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
<b>COUNTY RECORDS</b>						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	04/05/2018	04/10/2018	06/14/2018
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	04/05/2018	04/10/2018	05/04/2018
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	03/31/2018	04/05/2018	06/14/2018
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	05/07/2018	05/09/2018	06/14/2018
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	05/23/2018	05/24/2018	07/13/2018
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	05/21/2018	05/25/2018	07/20/2018
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	04/27/2018	05/02/2018	06/15/2018
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	03/05/2018	03/08/2018	04/16/2018
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	03/01/2018	03/05/2018	03/14/2018
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	03/05/2018	03/08/2018	04/30/2018
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	04/23/2018	04/25/2018	06/14/2018
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	05/02/2018	05/07/2018	07/18/2018
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	06/12/2018	06/15/2018	07/13/2018
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	05/09/2018	05/11/2018	06/14/2018
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	01/22/2018	01/24/2018	03/14/2018
CA	AOCONCERN	San Gabriel Valley Areas of Concern	EPA Region 9	03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	04/12/2018	04/16/2018	06/15/2018
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	04/16/2018	04/17/2018	06/19/2018
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2018	05/01/2018	05/14/2018
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	04/01/2018	04/17/2018	06/19/2018
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	03/09/2017	03/10/2017	05/03/2017
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	01/04/2018	01/05/2018	01/18/2018
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	05/22/2018	05/24/2018	07/31/2018
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	03/30/2018	04/06/2018	05/04/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/30/2018	06/01/2018	07/13/2018
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	05/22/2018	05/24/2018	07/13/2018
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	06/13/2018	06/19/2018	07/20/2018
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	05/23/2018	05/31/2018	07/11/2018
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	04/24/2018	05/01/2018	06/15/2018
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	04/02/2018	05/11/2018	06/22/2018
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	04/02/2018	05/11/2018	06/25/2018
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/02/2018	05/08/2018	07/10/2018
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	05/31/2018	06/05/2018	07/18/2018
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	01/22/2018	01/24/2018	03/15/2018
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	04/05/2018	04/10/2018	05/04/2018
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	04/05/2018	04/10/2018	05/04/2018
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	02/02/2018	04/04/2018	06/14/2018
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	02/02/2018	04/04/2018	06/19/2018
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	05/16/2018	05/22/2018	07/13/2018
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	04/09/2018	04/11/2018	06/19/2018

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	06/04/2018	06/06/2018	07/17/2018
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	04/18/2018	04/23/2018	05/04/2018
CA	SAN DIEGO CO. SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversight Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	06/07/2018	06/12/2018	07/10/2018
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	05/16/2018	05/22/2018	07/17/2018
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	06/12/2018	06/15/2018	08/06/2018
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/15/2018	03/20/2018	05/04/2018
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	05/16/2018	05/23/2018	07/17/2018
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	05/16/2018	05/22/2018	07/19/2018
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Managem	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/08/2018	07/18/2018
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/12/2018	07/12/2018
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	06/19/2018	06/26/2018	07/17/2018
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	04/03/2018	04/06/2018	05/09/2018
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	05/08/2018	05/11/2018	06/15/2018
CA	UST SUTTER	Underground Storage Tanks	Sutter County Department of Agriculture	06/04/2018	06/08/2018	07/11/2018
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/26/2018	02/02/2018	03/21/2018
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	04/23/2018	04/25/2018	06/15/2018
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	03/19/2018	03/22/2018	04/17/2018
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	03/26/2018	04/25/2018	06/22/2018
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	03/26/2018	04/25/2018	06/25/2018
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	04/26/2018	06/13/2018	07/11/2018
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	06/20/2018	07/03/2018	07/12/2018
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	05/10/2018	05/15/2018	06/15/2018

### STREET AND ADDRESS INFORMATION

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**APPENDIX C**  
**PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)**  
**SOILS REPORT**

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# AEI Consultants

July 10, 2019

## REPORT OF SOIL SAMPLING

**Property Identification:**

9176 Sunset Boulevard  
West Hollywood, California 90069

AEI Project No. 407948

**Prepared for:**

Mr. William Trueblood  
Faring Capital  
659 North Robertson Boulevard  
West Hollywood, California 90069

**Prepared by:**

AEI Consultants  
2207 West 190<sup>th</sup> Street  
Torrance, California 90504  
(310) 798-4255

Environmental  
Due Diligence

Building  
Assessments

Site Investigation  
& Remediation

Energy Performance  
& Benchmarking

Industrial Hygiene

Construction  
Risk Management

Zoning Analysis  
Reports & ALTA  
Surveys

National Presence

Regional Focus

Local Solutions

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July 10, 2019

Mr. William Trueblood  
Faring Capital  
659 North Robertson Boulevard  
West Hollywood, California 90069

**Subject: Report of Soil Sampling**  
9176 Sunset Boulevard  
West Hollywood, California 90069  
AEI Project No. 407948

AEI Consultants (AEI) is pleased to provide this Report of Soil Sampling performed at the above referenced Site (Figures 1 and 2). This investigation was completed in general accordance with the authorized scope of services outlined in our authorized proposal number 65133.

### **1.0 SITE DESCRIPTION**

The Site consists of a two-story commercial vehicle retail building, occupied by Hornburg Jaguar of Los Angeles, and the associated adjacent parking lot and is located on the corner of Sunset Boulevard and Cory Avenue in a mixed residential and commercial area of West Hollywood, California (Figure 2).

The Site slopes to the south at an elevation of approximately 408 feet above mean sea level. The regional topographic gradient direction slopes toward the southeast and, therefore, the direction of groundwater flow beneath the Site is inferred to be to the southeast. The Franklin Canyon Reservoir is located approximately 1.38 miles to the northwest.

### **2.0 BACKGROUND**

A Phase I Environmental Site Assessment (ESA) was performed by Dudek as detailed in a report dated September 2018. As detailed in the Phase I ESA, the east adjacent property was formerly occupied by a gasoline service station and an automotive repair facility from at least 1926 to at least 1975. Historical documentation of hazardous material handling, storage and petroleum tanks were not discovered during the course of the Phase I ESA.

A Limited Phase II ESA was performed by Dudek as detailed in a report dated April 17, 2019. As detailed in the Phase II ESA, six (6) temporary soil vapor probes were advanced and installed at the Site at approximate depths of 5 feet bgs. Dudek reported that Volatile Organic Compounds (VOCs) were not detected in the soil vapor samples analyzed at concentrations above laboratory reporting limits during their Phase II ESA.



### **3.0 INVESTIGATION EFFORTS**

AEI was requested to perform soil sampling to evaluate the presence or absence of petroleum hydrocarbons, volatile organic compounds (VOCs), and metals for soil profiling purposes in the subsurface of the Site.

This work was performed under the oversight of a California licensed Professional Geologist.

#### **3.1 Health and Safety Plan**

A site-specific Health And Safety Plan was prepared, reviewed by onsite personnel, and kept onsite for the duration of the fieldwork.

#### **3.2 Utility Clearance**

The public underground utility locating service DigAlert was notified to identify public utilities in the work area. Private utility locating was conducted by Pacific Coast Locators (PCL) of La Crescenta, California to identify underground utilities on the Site.

On July 5, 2019, boring and utility clearance using geophysical methods was conducted by PCL. The purpose of the boring clearance was to evaluate the potential presence of current or former underground utilities. The boring clearance was conducted using a magnetometer and ground penetrating radar. Where the results of the geophysical survey indicated the presence of potential subsurface obstructions, the proposed boring locations were adjusted accordingly.

#### **3.3 Drilling and Soil Sample Collection**

On July 5, 2019, five (5) soil borings (B-1 through B-5) were advanced on the Site (Figure 2). The borings were advanced by Strongarm Environmental Field Services, Inc. of Irvine, California using a track mounted direct-push rig. The borings were advanced to depths of 30 feet bgs. The locations of each boring are listed below:

- Boring B-1 was advanced at the main entrance off Sunset Boulevard.
- Boring B-2 was advanced at the southern entrance.
- Boring B-3 was advanced at the western portion of the parking area.
- Boring B-4 was advanced east of boring B-3.
- Boring B-5 was advanced south of boring B-1.

The borings were advanced using 2.5-inch outer diameter rods and samples were collected by advancing the rods with acetate sample liners in approximately 4-foot intervals. After each interval, the core was retrieved, core barrel disassembled, and the sample liner was removed and transferred to the onsite geologist.

The soil borings were logged using the Unified Soil Classification System. A photo ionization detector (PID) was used to screen soil samples in the field and the PID readings for each sample were included on the boring logs (Appendix A). Selected soil samples were sealed with Teflon tape and plastic end caps.

Down-hole equipment was decontaminated using a triple rinse system containing detergent.

### **3.4 Boring Destruction**

Following completion of sample collection and removal of tooling, the borings were backfilled with hydrated granular bentonite and completed at the surface with asphalt cold patch to match the surrounding conditions.

### **3.5 Laboratory Analyses**

On July 5, 2019, thirty (30) soil samples were collected, labeled, and placed into a cooler with ice following sampling. The samples were transferred under appropriate chain-of-custody documentation to Eurofins/Calscience of Garden Grove, California. Laboratory analytical documentation is provided in Appendix B.

Laboratory analysis of thirty (30) soil samples consisted of the following:

- Total Petroleum Hydrocarbons (TPH-cc) by U.S. Environmental Protection Agency (EPA) Test Method 8015M
- VOCs by U.S. EPA Test Method 8260B

Laboratory analysis of fifteen (15) soil samples consisted of the following:

- Leaking Underground Fueling Tank (LUFT)-5 Metals by U.S. EPA Test Method 6010B

### **3.6 Investigation Derived Waste**

No investigation derived waste was created during this investigation.

## **4.0 FINDINGS**

The analytical results for petroleum hydrocarbons, VOCs and metals were reviewed and compared to Table S-1 of the Environmental Screening Levels (ESLs) published by the San Francisco Bay Regional Water Quality Control Board (RWQCB) and updated as of January 2019. The ESLs are conservative screening levels for over one hundred chemicals and enable the evaluation of the impact of these chemicals in soil groundwater, soil vapor and indoor air. They are intended to help expedite the identification and evaluation of potential environmental concerns and impacted sites.

The analytical results for metals were also reviewed to the background concentrations of metals that naturally exists in Southern California soils. A study entitled Background Concentrations of Trace and Major Elements in California Soils, dated March 1996, by the Kearney Foundation of Soil Science was also reviewed for information on the concentrations of background metals in California soils. The Kearny report is a relevant source used by public policy makers and those in the private sector concerned with environmental remediation and land use planning.

### **4.1 Geology and Hydrogeology**

Sediment encountered in each of the borings generally consisted of slightly moist clayed sands underlain by moist sandy clays (Appendix A).

Groundwater was not encountered in borings B-1 through B-5 and was not part of this investigation.

## 4.2 Soil Sample Analytical Results

The following information is a summary of the soil sample analytical test results for total petroleum hydrocarbons and VOCs (Appendix B). This information has also been included in Table 1.

- Petroleum hydrocarbons diesel (TPH-d) and (TPH-o) oil were detected in three soil samples (B-1-5, B-4-5, and B-5-5).
  - TPH-d was detected in soil samples B-4-5 and B-5-5 at concentrations of 9.4 and 9.9 milligrams per kilogram (mg/kg), respectively. The detected concentrations were below the diesel ESL of 1,200 mg/kg.
  - TPH-o was detected in soil samples B-1-5, B-4-5 and B-5-5 at concentrations of 10 mg/kg, 34 mg/kg and 44 mg/kg, respectively. The detected concentrations were below the oil ESL of 180,000 mg/kg
- VOCs were detected in five soil samples (B-1-15, B-1-25, B-2-25, B-4-30, and B-5-5).
  - Ethylbenzene was detected in soil sample B-5-5 at a concentration of 0.00033 mg/kg. The detected concentration was below the ethylbenzene ESL of 26 mg/kg.
  - o-Xylenes were detected in soil samples B-1-25 and B-5-5 at concentrations 0.0018 mg/kg and 0.00072 mg/kg, respectively. The detected concentrations were below the o-Xylene ESL of 2,500 mg/kg.
  - m/p-Xylenes were detected in soil samples B-1-25 and B-5-5 at concentrations of 0.0010 mg/kg and 0.0016 mg/kg. The detected concentrations were below the m/p-Xylene ESL of 2,500 mg/kg.
  - n-butylbenzene was detected in soil sample B-1-15 at a concentration of 0.00026 mg/kg. There is no ESL for this analyte.
  - Chloromethane was detected in soil samples B-2-25 and B-4-30 at concentrations of 0.00030 mg/kg and 0.00033 mg/kg, respectively. The detected concentrations were below the chloromethane ESL of 470 mg/kg.
  - 1,2,4-Trimethylbenzene was detected in soil sample B-1-25 at a concentration of 0.0035 mg/kg. There is no ESL for this analyte
  - 1,3,5-Trimethylbenzene was detected in soil sample B-1-25 at a concentration of 0.0016 mg/kg. There is no ESL for this analyte
  - Tert-Butyl Alcohol (TBA) was detected in soil sample B-1-25 at a concentration of 0.023 mg/kg. There is no ESL for this analyte

The following information is a summary of the soil sample analytical test results for Title 22 Metals (Appendix B). This information has also been included in Table 2.

- Metals were detected in each of the soil samples submitted for analysis as part of this investigation. However, the detected concentrations of each metal were below their respective ESLs or were within typical background concentrations.

## 5.0 SUMMARY AND CONCLUSIONS

AEI has completed Soil Sampling at the Site. The purpose of the soil sampling at the Site was to evaluate the presence or absence of petroleum hydrocarbons, VOCs, and metals in the shallow soil of the Site. A total of five (5) borings (B-1 through B-5) were advanced at the Site for the collection and analysis of soil samples.



## Report of Soil Sampling

9176 Sunset Boulevard, West Hollywood, California 90069

The soil samples collected during this investigation were analyzed for petroleum hydrocarbons, VOCs, and metals. Trace detections of petroleum hydrocarbons and VOCs were identified in the soil samples submitted for analysis. However, the detected concentrations were well below their respective screening levels. Metals were detected in the soil samples submitted for analysis. However, the detected concentrations were below their respective ESLs or were within the typical background concentrations.



## **6.0 REPORT LIMITATIONS 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 scope of work for which AEI was retained and limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. This report should not be regarded as a guarantee that no further contamination beyond that which could have been detected within the scope of this investigation is present beneath the Site. Undocumented, unauthorized releases of hazardous material, the remains of which are not readily identifiable by visual inspection and are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation.

Any 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. No other warranty, either expressed or implied, has been made.

This investigation was prepared for the sole use and benefit of Mr. William Trueblood/Faring Capital. All reports, both verbal and written, whether in draft or final, are for the benefit of Mr. William Trueblood/Faring Capital. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's Proposal and Standard Terms & Conditions executed by Mr. William Trueblood/Faring Capital. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

If there are any questions regarding our investigation, please do not hesitate to contact AEI at (310) 798-4255.

Sincerely,  
**AEI Consultants**



Dashiell Geyer  
Project Manager  
AEI Consultants  
2207 West 190<sup>th</sup> Street  
Torrance, California 90504

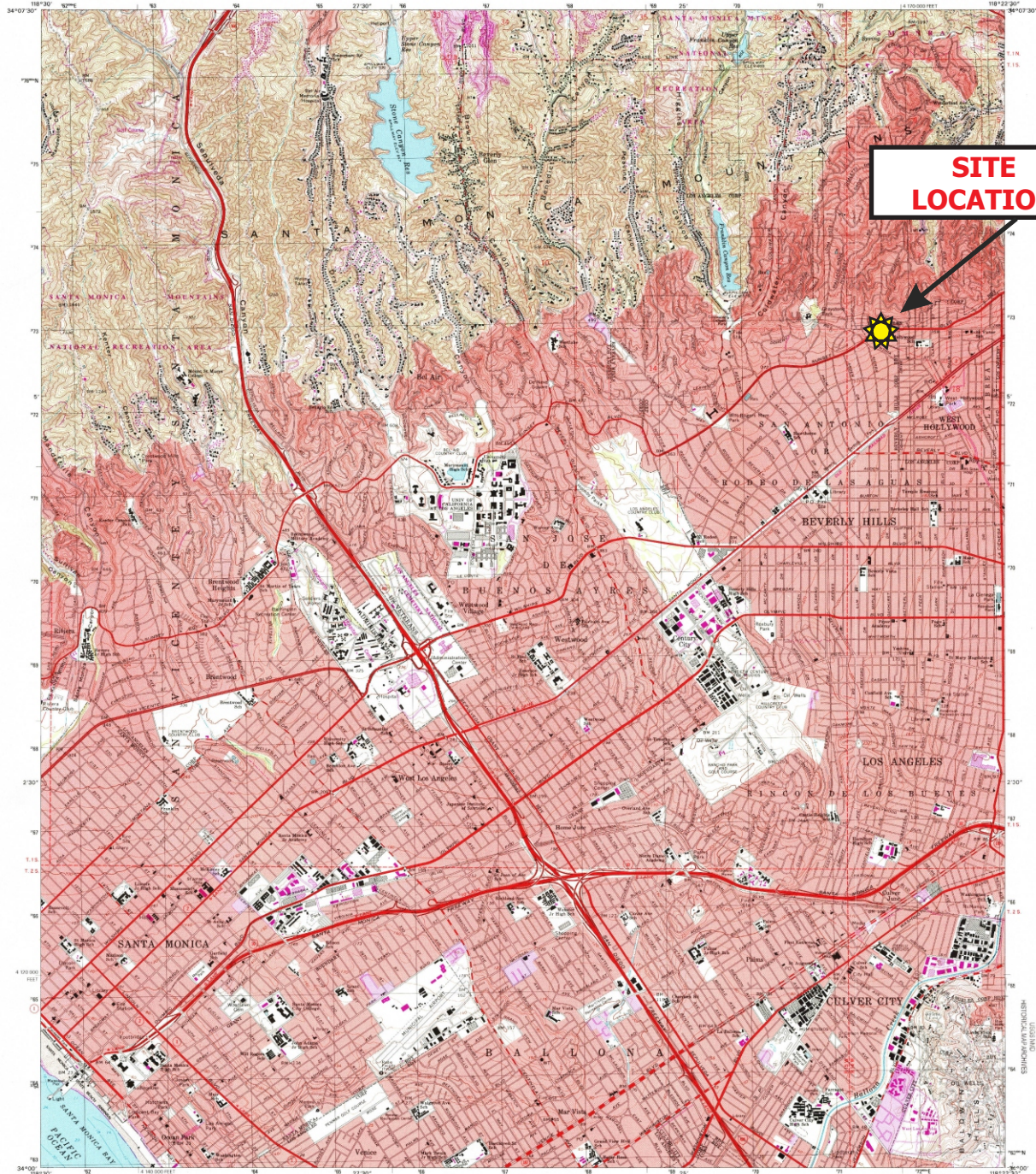


Kent Vollmer, PG#7918, CEG# 2479  
Department manager



## FIGURES





**SITE  
LOCATION**

Produced by the United States Geological Survey  
Topography compiled 1966. Photometry derived from imagery taken 1978 and other sources. Photorevised edition August 1995. Horizontal control based on National Geodetic Survey datum of 1983. Boundaries, other than corporate, verified 1995.

Information shown in pink may not meet USGS content standards and may conflict with geologically important content (USGS Map 1874-A (1966)). This information is not intended for navigational purposes.

Control points established and computed from NAD 83 data after 1974 (1983). North American Datum of 1983 (NAD 83). Projected and 1:250,000 scale. Contour Interval 20 Feet. Contour Interval 100 Feet.

North American Datum of 1983 (NAD 83) is shown by dashed contour lines. The values of the high between NAD 83 and NAD 83 for 7.5 minute quadrangles are obtainable from National Geographic Society's *Map of the World*.

There may be minor inaccuracies within the boundaries of the features of the map due to the use of the datum and the contour interval of the map. The values of the high between NAD 83 and NAD 83 for 7.5 minute quadrangles are obtainable from National Geographic Society's *Map of the World*.

FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 243, DENVER, COLORADO 80225  
A FURTHER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

SCALE 1:24 000

QUADRANGLE LOCATION

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

BEVERLY HILLS, CA  
1995  
NIMA 2502 IN 90-SERIES 1995

RECEIVED  
JUL 31 1999  
GEOLOGICAL SURVEY

**LEGEND**

Map: Beverly Hills, California Quadrangle  
Date: 1995  
Source: USGS



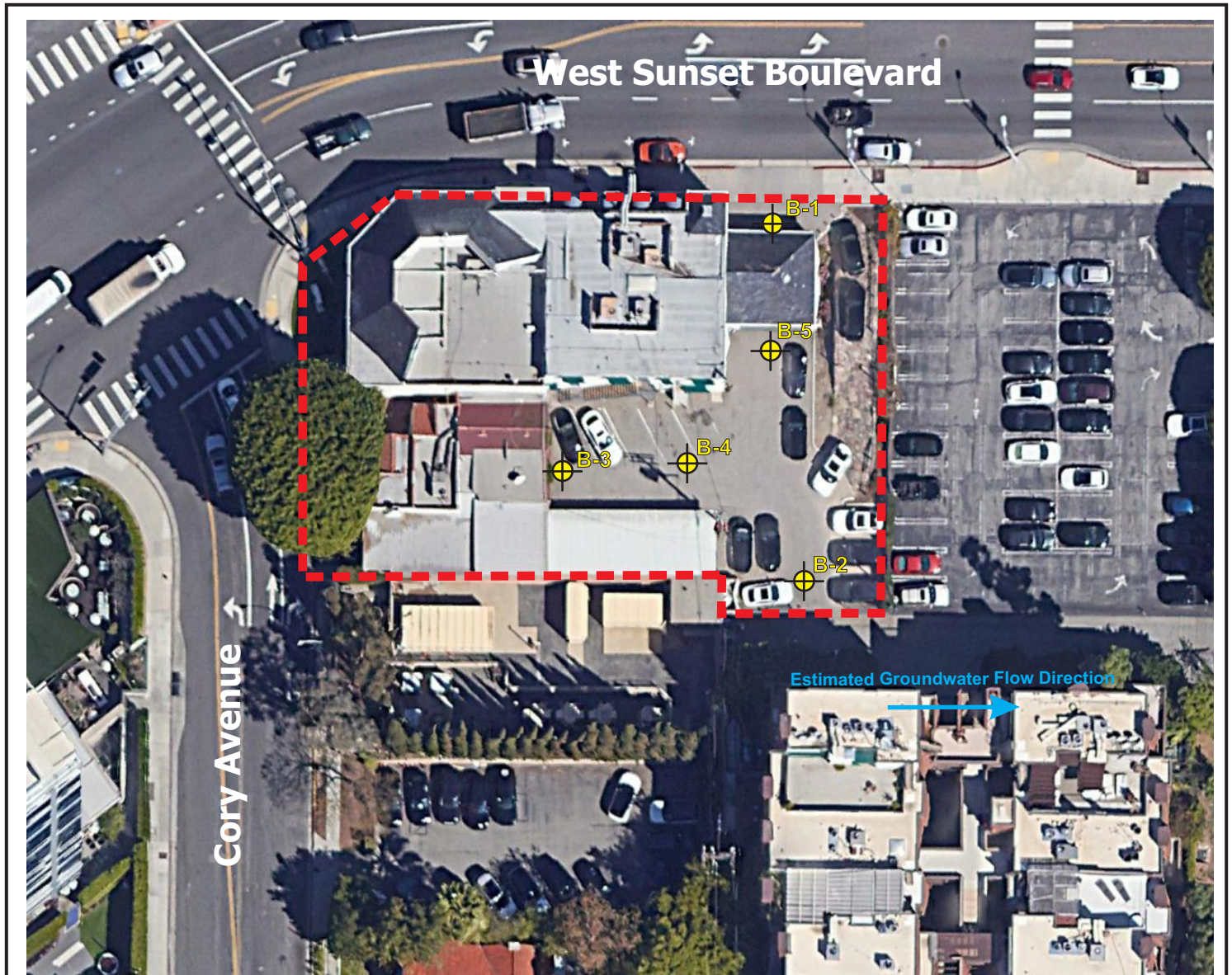
**AEI Consultants**  
2207 West 190th Street, Torrance, California 90504

**SITE LOCATION MAP**

9176 Sunset Boulevard  
West Hollywood, California 90069

**FIGURE 1**  
Project No. 407948





SCALE: 1" = 50'



**LEGEND**

- - - - Inferred Property Boundary
- ⊕ B-5 Approximate Sampling Locations

**AEI Consultants**

2207 West 190th Street, Torrance, California 90504

**SITE MAP**

9176 Sunset Boulevard  
West Hollywood, California 90069

**FIGURE 2**  
Project No. 407948



## TABLES

**TABLE 1: SOIL SAMPLE DATA SUMMARY**  
**9176 Sunset Boulevard, West Hollywood, California 90069**  
**AEI Project No. 407948**

Location ID	Date	Depth (feet bgs)	U.S. EPA Method 8015M			U.S. EPA Method 8260B for VOCs								
			TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-o (mg/kg)	Ethylbenzene (mg/kg)	o-Xylenes (mg/kg)	m/p-Xylenes (mg/kg)	n-butylbenzene (mg/kg)	Chloromethane (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Tert-Butyl Alcohol (mg/kg)	Other VOCs (mg/kg)
B-1	7/5/2019	5	ND<3.1	ND<3.1	10 J	ND<0.00015	ND<0.00057	ND<0.00027	ND<0.00016	ND<0.00031	ND<0.00060	ND<0.00056	ND<0.00053	<MDL
		10	ND<3.1	ND<3.1	ND<2.6	ND<0.00016	ND<0.00057	ND<0.00028	ND<0.00016	ND<0.00031	ND<0.00061	ND<0.00057	ND<0.00053	<MDL
		15	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00056	ND<0.00027	0.00026 J	ND<0.00030	ND<0.00059	ND<0.00055	ND<0.00052	<MDL
		20	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
		25	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	0.0018 J	0.0010 J	ND<0.00016	ND<0.00030	0.0035 J	0.0016 J	0.023 J	<MDL
30	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00057	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00054	ND<0.00051	<MDL		
B-2	7/5/2019	5	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00054	ND<0.00051	<MDL
		10	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00054	ND<0.00051	<MDL
		15	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00058	ND<0.00055	ND<0.00052	<MDL
		20	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00056	ND<0.00027	ND<0.00016	ND<0.00031	ND<0.00059	ND<0.00055	ND<0.00052	<MDL
		25	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	0.00030 J	ND<0.00057	ND<0.00053	ND<0.00050	<MDL
30	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00058	ND<0.00055	ND<0.00052	<MDL		
B-3	7/5/2019	5	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00056	ND<0.00027	ND<0.00016	ND<0.00031	ND<0.00059	ND<0.00055	ND<0.00052	<MDL
		10	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00054	ND<0.00050	<MDL
		15	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00056	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00059	ND<0.00055	ND<0.00052	<MDL
		20	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00056	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00059	ND<0.00055	ND<0.00052	<MDL
		25	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
30	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00058	ND<0.00055	ND<0.00052	<MDL		
B-4	7/5/2019	5	ND<3.1	9.4 J	34	ND<0.00015	ND<0.00057	ND<0.00027	ND<0.00016	ND<0.00031	ND<0.00060	ND<0.00056	ND<0.00053	<MDL
		10	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
		15	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	ND<0.00029	ND<0.00057	ND<0.00053	ND<0.00050	<MDL
		20	ND<3.0	ND<3.0	ND<2.5	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
		25	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
30	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00057	ND<0.00027	ND<0.00016	0.00033 J	ND<0.00060	ND<0.00056	ND<0.00053	<MDL		
B-5	7/5/2019	5	ND<3.1	9.9 J	44	0.00033 J	0.00072 J	0.0016 J	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00053	ND<0.00050	<MDL
		10	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00055	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00058	ND<0.00054	ND<0.00051	<MDL
		15	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00057	ND<0.00027	ND<0.00016	ND<0.00031	ND<0.00060	ND<0.00056	ND<0.00053	<MDL
		20	ND<3.1	ND<3.1	ND<2.6	ND<0.00016	ND<0.00058	ND<0.00028	ND<0.00016	ND<0.00031	ND<0.00061	ND<0.00057	ND<0.00054	<MDL
		25	ND<3.0	ND<3.0	ND<2.5	ND<0.00015	ND<0.00055	ND<0.00027	ND<0.00016	ND<0.00030	ND<0.00058	ND<0.00055	ND<0.00051	<MDL
30	ND<3.1	ND<3.1	ND<2.6	ND<0.00015	ND<0.00054	ND<0.00026	ND<0.00015	ND<0.00030	ND<0.00057	ND<0.00053	ND<0.00050	<MDL		
Comparison Values in mg/kg from SFBRWQCB Environmental Screening Levels (ESLs): Table S-1, Com/Ind; January 2019 Revision 1			2,000	1,200	180,000	26	2,500	--	470	--	--	--	--	Varies

Notes:

- Analyses performed by Eurofins/Calscience, Garden Grove, California
- mg/kg Milligrams per kilogram
- ND< Not detected above the method detection limit (MDL)
- bgs below ground surface
- VOCs Volatile Organic Compounds
- J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- Table S-1 Direct Exposure Human Health Risk
- SFBRWQCB San Francisco Bay Regional Water Quality Control Board
- Com/Ind Commercial/Industrial
- EPA Environmental Protection Agency
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- TPH-o Total Petroleum Hydrocarbons as oil

**TABLE 2: SOIL SAMPLE METALS DATA SUMMARY**  
**9176 Sunset Boulevard, West Hollywood, California 90069**  
**AEI Project No. 407948**

U.S. EPA Method 6010B for LUFT-5 Metals (TTLC)							
Location ID	Date	Depth (feet bgs)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
B-1	7/5/2019	5	0.170 J	37.8 B	1.80	15.3	43.8
		15	0.141 J	36.3 B	1.03	15.4	42.8
		25	ND<0.132	27.5 B	1.19	10.3	30.7
B-2	7/5/2019	10	0.147 J	40.4 B	0.974	15.7	43.9
		20	ND<0.135	41.6 B	1.28	15.5	47.2
		30	ND<0.133	30.8	1.92	9.41	25.4
B-3	7/5/2019	5	ND<0.131	26.1 B	0.845	11.0	37.8
		15	0.139 J	38.2 B	0.797	14.9	41.9
		25	ND<0.136	31.3 B	0.986	13.2	38.6
B-4	7/5/2019	10	ND<0.132	37.4 B	1.48	14.0	39.1
		20	ND<0.135	30.4 B	0.960	12.0	33.7
		30	ND<0.135	33.6 B	1.44	14.1	41.5
B-5	7/5/2019	5	ND<0.133	32.6 B	2.94	13.6	44.6
		15	0.141 J	46.9 B	0.641	16.2	44.2
		25	0.278 J	71.1 B	1.94	24.3	67.7
Comparison Values based on California Maximum Background Concentration in mg/kg*			1.70	1,579	97.1	509	236
Comparison Values in mg/kg from SFBRWQCB Environmental Screening Levels (ESLs); Table S-1, Com/Ind; January 2019 Revision 1			4,000	6.2	380	64,000	350,000

Notes:

- Analyses performed by Eurofins/Calscience, Garden Grove, California
- mg/kg Milligrams per kilogram
- bgs Below ground surface
- ND< Not detected above the method detection limit
- EPA Environmental Protection Agency
- J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- B Analyte was present in the associated method blank
- \* From Kearney Foundation of Soil Science 1996 Report "Background Concentrations of Trace and Major Elements in California Soils"
- LUFT Leaking Underground Fueling Tank
- TTLC Total Threshold Limit Concentrations - the limit at which concentrations of a metal in soil is considered hazardous
- Table S-1 Direct Exposure Human Health Risk
- SFBRWQCB San Francisco Bay Regional Water Quality Control Board
- Com/Ind Commercial/Industrial

# APPENDIX A

## Boring Logs



AEI CONSULTANTS  
 2207 W. 190th Street  
 Torrance, CA 90504  
 Telephone: 310-798-4255  
 Fax: 310-846-5594

# BORING NUMBER B-1

**CLIENT** Faring Capital **PROJECT NAME** Limited Phase II Subsurface Investigation  
**PROJECT NUMBER** 407948 **PROJECT LOCATION** 9176 Sunset Blvd. West Hollywood, CA 90069  
**DATE STARTED** 7/5/19 **COMPLETED** 7/5/19 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2.25 inches  
**DRILLING CONTRACTOR** Strongarm Environmental **GROUND WATER LEVELS:**  
**DRILLING METHOD** Geoprobe 7822 DT **AT TIME OF DRILLING** --- NA  
**LOGGED BY** A. Borges **CHECKED BY** K. Vollmer **AT END OF DRILLING** --- NA  
**NOTES** Near front entrance (NE corner) **AFTER DRILLING** --- NA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.3					ASPHALT - 4 inches thick	
5	B-1-5		0		CLAYEY SAND (SC) - Dark brown (10YR; 3/3), medium dense, dry, fine to medium sand.	
10	B-1-10		0		@ 10 feet bgs - Same as 5 feet	
15	B-1-15		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
20	B-1-20		0		@ 20 feet bgs - Same as 15 feet	
24.5	B-1-25		0		SANDY CLAY (CL). Dark reddish brown (5YR; 3/4), stiff, very moist, moderate plasticity.	
30	B-1-30		0		@ 30 feet bgs - Same as 25 feet	
30.0						

Bottom of borehole at 30.0 feet.

AEI BORING - GINT STD US LAB.GDT - 7/9/19 15:45 - P:\COMPANYWIDE PROJECTS\407000 SERIES\407948 WEST HOLLYWOOD, CA\SMBORING LOGS\407948.GPJ



AEI CONSULTANTS  
 2207 W. 190th Street  
 Torrance, CA 90504  
 Telephone: 310-798-4255  
 Fax: 310-846-5594

**BORING NUMBER B-2**

**CLIENT** Faring Capital **PROJECT NAME** Limited Phase II Subsurface Investigation  
**PROJECT NUMBER** 407948 **PROJECT LOCATION** 9176 Sunset Blvd. West Hollywood, CA 90069  
**DATE STARTED** 7/5/19 **COMPLETED** 7/5/19 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2.25 inches  
**DRILLING CONTRACTOR** Strongarm Environmental **GROUND WATER LEVELS:**  
**DRILLING METHOD** Geoprobe 7822 DT **AT TIME OF DRILLING** --- NA  
**LOGGED BY** A. Borges **CHECKED BY** K. Vollmer **AT END OF DRILLING** --- NA  
**NOTES** Near southern entrance (SE corner) **AFTER DRILLING** --- NA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.3					ASPHALT - 4 inches thick	
					CLAYEY SAND (SC) - Dark brown (10YR; 3/3), medium dense, dry, fine to medium sand.	
5	B-2-5		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
10	B-2-10		0		@ 10 feet bgs - Same as 5 feet	
15	B-2-15		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
20	B-2-20		0		@ 20 feet bgs - Same as 15 feet	
25	B-2-25		0		SANDY CLAY (CL). Dark reddish brown (5YR; 3/4), stiff, very moist, moderate plasticity.	
30	B-2-30		0		@ 30 feet bgs - Same as 25 feet	
30.0						

Bottom of borehole at 30.0 feet.

AEI BORING - GINT STD US LAB.GDT - 7/9/19 15:45 - P:\COMPANYWIDE PROJECTS\407000 SERIES\407948 WEST HOLLYWOOD, CA\SMBORING LOGS\407948.GPJ



AEI CONSULTANTS  
 2207 W. 190th Street  
 Torrance, CA 90504  
 Telephone: 310-798-4255  
 Fax: 310-846-5594

**BORING NUMBER B-3**

**CLIENT** Faring Capital **PROJECT NAME** Limited Phase II Subsurface Investigation  
**PROJECT NUMBER** 407948 **PROJECT LOCATION** 9176 Sunset Blvd. West Hollywood, CA 90069  
**DATE STARTED** 7/5/19 **COMPLETED** 7/5/19 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2.25 inches  
**DRILLING CONTRACTOR** Strongarm Environmental **GROUND WATER LEVELS:**  
**DRILLING METHOD** Geoprobe 7822 DT **AT TIME OF DRILLING** --- NA  
**LOGGED BY** A. Borges **CHECKED BY** K. Vollmer **AT END OF DRILLING** --- NA  
**NOTES** Western end of parking lot **AFTER DRILLING** --- NA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.3				ASPHALT	ASPHALT - 4 inches thick	
5	B-3-5		0	CLAYEY SAND	CLAYEY SAND (SC) - Dark brown (10YR; 3/3), medium dense, dry, fine to medium sand.	
10	B-3-10		0	CLAYEY SAND	CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.  @ 10 feet bgs - Same as 5 feet	
15	B-3-15		0	CLAYEY SAND	CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
20	B-3-20		0	CLAYEY SAND	@ 20 feet bgs - Same as 15 feet	
24.5	B-3-25		0	SANDY CLAY	SANDY CLAY (CL). Dark reddish brown (5YR; 3/4), stiff, very moist, moderate plasticity.	
30	B-3-30		0	SANDY CLAY	@ 30 feet bgs - Same as 25 feet	
30.0				SANDY CLAY		

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Bottom of borehole at 30.0 feet.



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 2207 W. 190th Street  
 Torrance, CA 90504  
 Telephone: 310-798-4255  
 Fax: 310-846-5594

**BORING NUMBER B-4**

**CLIENT** Faring Capital **PROJECT NAME** Limited Phase II Subsurface Investigation  
**PROJECT NUMBER** 407948 **PROJECT LOCATION** 9176 Sunset Blvd. West Hollywood, CA 90069  
**DATE STARTED** 7/5/19 **COMPLETED** 7/5/19 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2.25 inches  
**DRILLING CONTRACTOR** Strongarm Environmental **GROUND WATER LEVELS:**  
**DRILLING METHOD** Geoprobe 7822 DT **AT TIME OF DRILLING** --- NA  
**LOGGED BY** A. Borges **CHECKED BY** K. Vollmer **AT END OF DRILLING** --- NA  
**NOTES** East of B-3 **AFTER DRILLING** --- NA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.3					ASPHALT - 4 inches thick	
					CLAYEY SAND (SC) - Dark brown (10YR; 3/3), medium dense, dry, fine to medium sand.	
5	B-4-5		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
10	B-4-10		0		@ 10 feet bgs - Same as 5 feet	
15	B-4-15		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
20	B-4-20		0		@ 20 feet bgs - Same as 15 feet	
24.5	B-4-25		0		SANDY CLAY (CL). Dark reddish brown (5YR; 3/4), stiff, very moist, moderate plasticity.	
30	B-4-30		0		@ 30 feet bgs - Same as 25 feet	
30.0						

AEI BORING - GINT STD US LAB.GDT - 7/9/19 15:45 - P:\COMPANYWIDE PROJECTS\407000 SERIES\407948 WEST HOLLYWOOD, CA\SMBORING LOGS\407948.GPJ

Bottom of borehole at 30.0 feet.





AEI CONSULTANTS  
 2207 W. 190th Street  
 Torrance, CA 90504  
 Telephone: 310-798-4255  
 Fax: 310-846-5594

**BORING NUMBER B-5**

**CLIENT** Faring Capital **PROJECT NAME** Limited Phase II Subsurface Investigation  
**PROJECT NUMBER** 407948 **PROJECT LOCATION** 9176 Sunset Blvd. West Hollywood, CA 90069  
**DATE STARTED** 7/5/19 **COMPLETED** 7/5/19 **GROUND ELEVATION** \_\_\_\_\_ **HOLE SIZE** 2.25 inches  
**DRILLING CONTRACTOR** Strongarm Environmental **GROUND WATER LEVELS:**  
**DRILLING METHOD** Geoprobe 7822 DT **AT TIME OF DRILLING** --- NA  
**LOGGED BY** A. Borges **CHECKED BY** K. Vollmer **AT END OF DRILLING** --- NA  
**NOTES** South of B-1 **AFTER DRILLING** --- NA

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
0.3					ASPHALT - 4 inches thick	
					CLAYEY SAND (SC) - Dark brown (10YR; 3/3), medium dense, dry, fine to medium sand.	
5	B-5-5		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), medium dense, dry to slightly moist, fine to medium sand.	
10	B-5-10		0		@ 10 feet bgs - Same as 5 feet	
15	B-5-15		0		CLAYEY SAND (SC) - Brown (10YR; 4/3), moderately dense, dry to slightly moist, fine to medium sand.	
20	B-5-20		0		@ 20 feet bgs - Same as 15 feet	
25	B-5-25		0		SANDY CLAY (CL). Dark reddish brown (5YR; 3/4), stiff, very moist, moderate plasticity.	
30	B-5-30		0		@ 30 feet bgs - Same as 25 feet	
30.0						

AEI BORING - GINT STD US LAB.GDT - 7/9/19 15:45 - P:\COMPANYWIDE PROJECTS\407000 SERIES\407948 WEST HOLLYWOOD, CA\SMBORING LOGS\407948.GPJ

Bottom of borehole at 30.0 feet.

## **APPENDIX B**

### **Laboratory Analytical Reports**



Calscience



**WORK ORDER NUMBER: 19-07-0289**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** AEI Consultants

**Client Project Name:** 407948

**Attention:** Kate Lamb  
2207 West 190th Street  
Torrance, CA 90504-6001

Approved for release on 07/08/2019 by:  
Lori Thompson  
Project Manager

ResultLink ▶

Email your PM ▶

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 19-07-0289

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**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 07/05/19. They were assigned to Work Order 19-07-0289.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-13A): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Calscience

## Sample Summary

Client: AEI Consultants	Work Order:	19-07-0289
2207 West 190th Street	Project Name:	407948
Torrance, CA 90504-6001	PO Number:	198578
	Date/Time Received:	07/05/19 13:25
	Number of Containers:	30

Attn: Kate Lamb

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
B-1-5	19-07-0289-1	07/05/19 08:44	1	Solid
B-1-10	19-07-0289-2	07/05/19 08:48	1	Solid
B-1-15	19-07-0289-3	07/05/19 08:49	1	Solid
B-1-20	19-07-0289-4	07/05/19 08:52	1	Solid
B-1-25	19-07-0289-5	07/05/19 08:58	1	Solid
B-1-30	19-07-0289-6	07/05/19 09:00	1	Solid
B-2-5	19-07-0289-7	07/05/19 09:23	1	Solid
B-2-10	19-07-0289-8	07/05/19 09:25	1	Solid
B-2-15	19-07-0289-9	07/05/19 09:27	1	Solid
B-2-20	19-07-0289-10	07/05/19 09:30	1	Solid
B-2-25	19-07-0289-11	07/05/19 09:57	1	Solid
B-2-30	19-07-0289-12	07/05/19 09:58	1	Solid
B-3-5	19-07-0289-13	07/05/19 10:14	1	Solid
B-3-10	19-07-0289-14	07/05/19 10:17	1	Solid
B-3-15	19-07-0289-15	07/05/19 10:18	1	Solid
B-3-20	19-07-0289-16	07/05/19 10:19	1	Solid
B-3-25	19-07-0289-17	07/05/19 10:23	1	Solid
B-3-30	19-07-0289-18	07/05/19 10:26	1	Solid
B-4-5	19-07-0289-19	07/05/19 10:48	1	Solid
B-4-10	19-07-0289-20	07/05/19 10:50	1	Solid
B-4-15	19-07-0289-21	07/05/19 10:51	1	Solid
B-4-20	19-07-0289-22	07/05/19 10:54	1	Solid
B-4-25	19-07-0289-23	07/05/19 10:58	1	Solid
B-4-30	19-07-0289-24	07/05/19 11:01	1	Solid
B-5-5	19-07-0289-25	07/05/19 11:26	1	Solid
B-5-10	19-07-0289-26	07/05/19 11:28	1	Solid
B-5-15	19-07-0289-27	07/05/19 11:30	1	Solid
B-5-20	19-07-0289-28	07/05/19 11:32	1	Solid
B-5-25	19-07-0289-29	07/05/19 11:37	1	Solid
B-5-30	19-07-0289-30	07/05/19 11:40	1	Solid

  
Return to Contents

## Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 407948

Page 1 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-5	19-07-0289-1-A	07/05/19 08:44	Solid	GC 50	07/05/19	07/06/19 21:03	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	10	15	2.6	1.00	J
TPH C6-C40 Total	11	15	4.6	1.00	J
TPH Gas/Diesel	14	15	4.6	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	102	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-10	19-07-0289-2-A	07/05/19 08:48	Solid	GC 50	07/05/19	07/06/19 21:23	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	100	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15	19-07-0289-3-A	07/05/19 08:49	Solid	GC 50	07/05/19	07/06/19 21:43	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

Page 2 of 11

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-1-20</b>	<b>19-07-0289-4-A</b>	<b>07/05/19 08:52</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 22:03</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-1-25</b>	<b>19-07-0289-5-A</b>	<b>07/05/19 08:58</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 22:23</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	101	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-1-30</b>	<b>19-07-0289-6-A</b>	<b>07/05/19 09:00</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 22:44</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-5</b>	<b>19-07-0289-7-A</b>	<b>07/05/19 09:23</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 23:04</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-10</b>	<b>19-07-0289-8-A</b>	<b>07/05/19 09:25</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 23:24</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-15</b>	<b>19-07-0289-9-A</b>	<b>07/05/19 09:27</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 23:45</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-20</b>	<b>19-07-0289-10-A</b>	<b>07/05/19 09:30</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 00:04</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-25</b>	<b>19-07-0289-11-A</b>	<b>07/05/19 09:57</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 00:25</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	94	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-30</b>	<b>19-07-0289-12-A</b>	<b>07/05/19 09:58</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 00:45</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-5	19-07-0289-13-A	07/05/19 10:14	Solid	GC 50	07/05/19	07/07/19 01:06	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	87	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-10	19-07-0289-14-A	07/05/19 10:17	Solid	GC 50	07/05/19	07/07/19 01:26	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-15	19-07-0289-15-A	07/05/19 10:18	Solid	GC 50	07/05/19	07/07/19 01:46	190705B02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	93	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-3-20</b>	<b>19-07-0289-16-A</b>	<b>07/05/19 10:19</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 02:06</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-3-25</b>	<b>19-07-0289-17-A</b>	<b>07/05/19 10:23</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 04:48</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-3-30</b>	<b>19-07-0289-18-A</b>	<b>07/05/19 10:26</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 05:08</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-5</b>	<b>19-07-0289-19-A</b>	<b>07/05/19 10:48</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 05:29</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	9.4	15	3.1	1.00	J
TPH C28-C40	34	15	2.6	1.00	
TPH C6-C40 Total	39	15	4.6	1.00	
TPH Gas/Diesel	44	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	89	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-10</b>	<b>19-07-0289-20-A</b>	<b>07/05/19 10:50</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 06:09</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	93	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-15</b>	<b>19-07-0289-21-A</b>	<b>07/05/19 10:51</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 04:28</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	81	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-20</b>	<b>19-07-0289-22-A</b>	<b>07/05/19 10:54</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 06:30</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.0	1.00	
TPH C10-C28	ND	15	3.0	1.00	
TPH C28-C40	ND	15	2.5	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-25</b>	<b>19-07-0289-23-A</b>	<b>07/05/19 10:58</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 06:50</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-30</b>	<b>19-07-0289-24-A</b>	<b>07/05/19 11:01</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 07:10</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	86	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-5	19-07-0289-25-A	07/05/19 11:26	Solid	GC 50	07/05/19	07/07/19 07:31	190705B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	9.9	15	3.1	1.00	J
TPH C28-C40	44	15	2.6	1.00	
TPH C6-C40 Total	49	15	4.6	1.00	
TPH Gas/Diesel	55	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	100	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-10	19-07-0289-26-A	07/05/19 11:28	Solid	GC 50	07/05/19	07/07/19 08:11	190705B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-15	19-07-0289-27-A	07/05/19 11:30	Solid	GC 50	07/05/19	07/07/19 08:31	190705B03

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-5-20</b>	<b>19-07-0289-28-A</b>	<b>07/05/19 11:32</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 08:51</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	93	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-5-25</b>	<b>19-07-0289-29-A</b>	<b>07/05/19 11:37</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 09:12</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.0	1.00	
TPH C10-C28	ND	15	3.0	1.00	
TPH C28-C40	ND	15	2.5	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	94	60-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-5-30</b>	<b>19-07-0289-30-A</b>	<b>07/05/19 11:40</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 09:31</b>	<b>190705B03</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.5	1.00	
TPH Gas/Diesel	ND	15	4.5	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-15-476-520</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 19:42</b>	<b>190705B02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	94	60-140	

Method Blank	099-15-476-521	N/A	Solid	GC 50	07/05/19	07/07/19 03:07	190705B03
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH C6-C10	ND	15	3.1	1.00	
TPH C10-C28	ND	15	3.1	1.00	
TPH C28-C40	ND	15	2.6	1.00	
TPH C6-C40 Total	ND	15	4.6	1.00	
TPH Gas/Diesel	ND	15	4.6	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	88	60-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-5	19-07-0289-1-A	07/05/19 08:44	Solid	ICP 8300	07/05/19	07/08/19 15:35	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.170	0.493	0.133	0.985	J
Chromium	37.8	0.246	0.140	0.985	B
Lead	1.80	0.493	0.130	0.985	
Nickel	15.3	0.246	0.143	0.985	
Zinc	43.8	0.985	0.175	0.985	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15	19-07-0289-3-A	07/05/19 08:49	Solid	ICP 8300	07/05/19	07/08/19 15:46	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.141	0.508	0.137	1.02	J
Chromium	36.3	0.254	0.144	1.02	B
Lead	1.03	0.508	0.134	1.02	
Nickel	15.4	0.254	0.147	1.02	
Zinc	42.8	1.02	0.180	1.02	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-25	19-07-0289-5-A	07/05/19 08:58	Solid	ICP 8300	07/05/19	07/08/19 15:48	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.488	0.132	0.976	
Chromium	27.5	0.244	0.139	0.976	B
Lead	1.19	0.488	0.128	0.976	
Nickel	10.3	0.244	0.141	0.976	
Zinc	30.7	0.976	0.173	0.976	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-10</b>	<b>19-07-0289-8-A</b>	<b>07/05/19 09:25</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:50</b>	<b>190705L02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.147	0.500	0.135	1.00	J
Chromium	40.4	0.250	0.142	1.00	B
Lead	0.974	0.500	0.132	1.00	
Nickel	15.7	0.250	0.145	1.00	
Zinc	43.9	1.00	0.178	1.00	

<b>B-2-20</b>	<b>19-07-0289-10-A</b>	<b>07/05/19 09:30</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:51</b>	<b>190705L02</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.500	0.135	1.00	
Chromium	41.6	0.250	0.142	1.00	B
Lead	1.28	0.500	0.132	1.00	
Nickel	15.5	0.250	0.145	1.00	
Zinc	47.2	1.00	0.178	1.00	

<b>B-2-30</b>	<b>19-07-0289-12-A</b>	<b>07/05/19 09:58</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:53</b>	<b>190705L02</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.493	0.133	0.985	
Chromium	30.8	0.246	0.140	0.985	B
Lead	1.92	0.493	0.130	0.985	
Nickel	9.41	0.246	0.143	0.985	
Zinc	25.4	0.985	0.175	0.985	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-5	19-07-0289-13-A	07/05/19 10:14	Solid	ICP 8300	07/05/19	07/08/19 15:55	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.485	0.131	0.971	
Chromium	26.1	0.243	0.138	0.971	B
Lead	0.845	0.485	0.128	0.971	
Nickel	11.0	0.243	0.141	0.971	
Zinc	37.8	0.971	0.172	0.971	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-15	19-07-0289-15-A	07/05/19 10:18	Solid	ICP 8300	07/05/19	07/08/19 15:57	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.139	0.488	0.132	0.976	J
Chromium	38.2	0.244	0.139	0.976	B
Lead	0.797	0.488	0.128	0.976	
Nickel	14.9	0.244	0.141	0.976	
Zinc	41.9	0.976	0.173	0.976	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-25	19-07-0289-17-A	07/05/19 10:23	Solid	ICP 8300	07/05/19	07/08/19 16:17	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.503	0.136	1.01	
Chromium	31.3	0.251	0.143	1.01	B
Lead	0.986	0.503	0.132	1.01	
Nickel	13.2	0.251	0.145	1.01	
Zinc	38.6	1.01	0.178	1.01	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-10</b>	<b>19-07-0289-20-A</b>	<b>07/05/19 10:50</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:59</b>	<b>190705L02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Cadmium	ND	0.488	0.132	0.976	
Chromium	37.4	0.244	0.139	0.976	B
Lead	1.48	0.488	0.128	0.976	
Nickel	14.0	0.244	0.141	0.976	
Zinc	39.1	0.976	0.173	0.976	

<b>B-4-20</b>	<b>19-07-0289-22-A</b>	<b>07/05/19 10:54</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 16:01</b>	<b>190705L02</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Cadmium	ND	0.500	0.135	1.00	
Chromium	30.4	0.250	0.142	1.00	B
Lead	0.960	0.500	0.132	1.00	
Nickel	12.0	0.250	0.145	1.00	
Zinc	33.7	1.00	0.178	1.00	

<b>B-4-30</b>	<b>19-07-0289-24-A</b>	<b>07/05/19 11:01</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 16:08</b>	<b>190705L02</b>
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Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Cadmium	ND	0.498	0.135	0.995	
Chromium	33.6	0.249	0.142	0.995	B
Lead	1.44	0.498	0.131	0.995	
Nickel	14.1	0.249	0.144	0.995	
Zinc	41.5	0.995	0.177	0.995	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-5	19-07-0289-25-A	07/05/19 11:26	Solid	ICP 8300	07/05/19	07/08/19 16:19	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	ND	0.493	0.133	0.985	
Chromium	32.6	0.246	0.140	0.985	B
Lead	2.94	0.493	0.130	0.985	
Nickel	13.6	0.246	0.143	0.985	
Zinc	44.6	0.985	0.175	0.985	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-15	19-07-0289-27-A	07/05/19 11:30	Solid	ICP 8300	07/05/19	07/08/19 16:10	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.141	0.500	0.135	1.00	J
Chromium	46.9	0.250	0.142	1.00	B
Lead	0.641	0.500	0.132	1.00	
Nickel	16.2	0.250	0.145	1.00	
Zinc	44.2	1.00	0.178	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-25	19-07-0289-29-A	07/05/19 11:37	Solid	ICP 8300	07/05/19	07/08/19 16:12	190705L02

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Cadmium	0.278	0.503	0.136	1.01	J
Chromium	71.1	0.251	0.143	1.01	B
Lead	1.94	0.503	0.132	1.01	
Nickel	24.3	0.251	0.145	1.01	
Zinc	67.7	1.01	0.178	1.01	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>097-01-002-28092</b>	<b>N/A</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 13:21</b>	<b>190705L02</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Cadmium	ND	0.498	0.135	0.995	
Chromium	0.154	0.249	0.142	0.995	J
Lead	ND	0.498	0.131	0.995	
Nickel	ND	0.249	0.144	0.995	
Zinc	ND	0.995	0.177	0.995	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-5	19-07-0289-1-A	07/05/19 08:44	Solid	GC/MS OO	07/05/19	07/06/19 02:56	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	51	5.3	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	250	85	1.00	


  
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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

**Analytical Report**

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	107	79-133	
1,2-Dichloroethane-d4	108	71-155	
Toluene-d8	101	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-10	19-07-0289-2-A	07/05/19 08:48	Solid	GC/MS OO	07/05/19	07/06/19 02:27	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	52	5.3	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.52	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	260	86	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	107	79-133	
1,2-Dichloroethane-d4	108	71-155	
Toluene-d8	100	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-15	19-07-0289-3-A	07/05/19 08:49	Solid	GC/MS OO	07/05/19	07/06/19 04:54	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	0.26	5.0	0.16	1.00	J
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	109	79-133	
1,2-Dichloroethane-d4	105	71-155	
Toluene-d8	101	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-20	19-07-0289-4-A	07/05/19 08:52	Solid	GC/MS OO	07/05/19	07/06/19 05:23	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.9	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.9	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.9	0.35	1.00	
Ethanol	ND	250	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	110	71-155	
Toluene-d8	100	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-25	19-07-0289-5-A	07/05/19 08:58	Solid	GC/MS OO	07/05/19	07/06/19 05:52	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	3.5	5.0	0.59	1.00	J
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	1.6	5.0	0.55	1.00	J
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	1.0	5.0	0.27	1.00	J
o-Xylene	1.8	5.0	0.56	1.00	J
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	23	50	5.2	1.00	J
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	83	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	109	71-155	
Toluene-d8	101	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-30	19-07-0289-6-A	07/05/19 09:00	Solid	GC/MS OO	07/05/19	07/06/19 06:22	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	24	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.34	1.00	
Ethanol	ND	240	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	108	79-133	
1,2-Dichloroethane-d4	104	71-155	
Toluene-d8	101	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-5	19-07-0289-7-A	07/05/19 09:23	Solid	GC/MS OO	07/05/19	07/06/19 06:51	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	24	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.34	1.00	
Ethanol	ND	240	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	107	71-155	
Toluene-d8	102	80-120	



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-2-10</b>	<b>19-07-0289-8-A</b>	<b>07/05/19 09:25</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 07:20</b>	<b>190705L011</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	24	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.34	1.00	
Ethanol	ND	240	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	108	71-155	
Toluene-d8	101	80-120	

Return to Contents 

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-15	19-07-0289-9-A	07/05/19 09:27	Solid	GC/MS OO	07/05/19	07/06/19 07:50	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	83	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	109	79-133	
1,2-Dichloroethane-d4	108	71-155	
Toluene-d8	102	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-20	19-07-0289-10-A	07/05/19 09:30	Solid	GC/MS OO	07/05/19	07/06/19 08:19	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.70	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.29	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.4	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.51	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	250	84	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	112	79-133	
1,2-Dichloroethane-d4	112	71-155	
Toluene-d8	102	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-25	19-07-0289-11-A	07/05/19 09:57	Solid	GC/MS OO	07/05/19	07/06/19 08:48	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.0	1.00	
Benzene	ND	4.8	0.13	1.00	
Bromobenzene	ND	4.8	0.20	1.00	
Bromochloromethane	ND	4.8	0.67	1.00	
Bromodichloromethane	ND	4.8	0.23	1.00	
Bromoform	ND	4.8	0.77	1.00	
Bromomethane	ND	24	9.1	1.00	
2-Butanone	ND	48	3.6	1.00	
n-Butylbenzene	ND	4.8	0.15	1.00	
sec-Butylbenzene	ND	4.8	0.56	1.00	
tert-Butylbenzene	ND	4.8	0.15	1.00	
Carbon Disulfide	ND	48	0.30	1.00	
Carbon Tetrachloride	ND	4.8	0.27	1.00	
Chlorobenzene	ND	4.8	0.22	1.00	
Chloroethane	ND	4.8	1.4	1.00	
Chloroform	ND	4.8	0.23	1.00	
Chloromethane	0.30	24	0.29	1.00	J
2-Chlorotoluene	ND	4.8	0.22	1.00	
4-Chlorotoluene	ND	4.8	0.21	1.00	
Dibromochloromethane	ND	4.8	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.8	0.25	1.00	
Dibromomethane	ND	4.8	0.75	1.00	
1,2-Dichlorobenzene	ND	4.8	0.22	1.00	
1,3-Dichlorobenzene	ND	4.8	0.17	1.00	
1,4-Dichlorobenzene	ND	4.8	0.21	1.00	
Dichlorodifluoromethane	ND	4.8	0.43	1.00	
1,1-Dichloroethane	ND	4.8	0.20	1.00	
1,2-Dichloroethane	ND	4.8	0.30	1.00	
1,1-Dichloroethene	ND	4.8	0.33	1.00	
c-1,2-Dichloroethene	ND	4.8	0.27	1.00	
t-1,2-Dichloroethene	ND	4.8	0.49	1.00	
1,2-Dichloropropane	ND	4.8	0.42	1.00	
1,3-Dichloropropane	ND	4.8	0.24	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.8	0.32	1.00	
1,1-Dichloropropene	ND	4.8	0.32	1.00	
c-1,3-Dichloropropene	ND	4.8	0.25	1.00	
t-1,3-Dichloropropene	ND	4.8	0.59	1.00	
Ethylbenzene	ND	4.8	0.15	1.00	
2-Hexanone	ND	48	1.7	1.00	
Isopropylbenzene	ND	4.8	0.53	1.00	
p-Isopropyltoluene	ND	4.8	0.61	1.00	
Methylene Chloride	ND	48	1.3	1.00	
4-Methyl-2-Pentanone	ND	48	4.2	1.00	
Naphthalene	ND	48	0.79	1.00	
n-Propylbenzene	ND	4.8	0.49	1.00	
Styrene	ND	4.8	0.58	1.00	
1,1,1,2-Tetrachloroethane	ND	4.8	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.8	0.33	1.00	
Tetrachloroethene	ND	4.8	0.20	1.00	
Toluene	ND	4.8	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.88	1.00	
1,2,4-Trichlorobenzene	ND	4.8	0.30	1.00	
1,1,1-Trichloroethane	ND	4.8	0.22	1.00	
1,1,2-Trichloroethane	ND	4.8	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	48	0.34	1.00	
Trichloroethene	ND	4.8	0.29	1.00	
1,2,3-Trichloropropane	ND	4.8	0.80	1.00	
1,2,4-Trimethylbenzene	ND	4.8	0.57	1.00	
Trichlorofluoromethane	ND	48	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.8	0.53	1.00	
Vinyl Acetate	ND	48	4.6	1.00	
Vinyl Chloride	ND	4.8	0.49	1.00	
p/m-Xylene	ND	4.8	0.26	1.00	
o-Xylene	ND	4.8	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.8	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	48	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	9.7	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.7	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.7	0.34	1.00	
Ethanol	ND	240	81	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

### Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	112	79-133	
1,2-Dichloroethane-d4	114	71-155	
Toluene-d8	102	80-120	

Return to Contents 

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-2-30	19-07-0289-12-A	07/05/19 09:58	Solid	GC/MS OO	07/05/19	07/06/19 09:17	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	83	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	112	79-133	
1,2-Dichloroethane-d4	110	71-155	
Toluene-d8	102	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-5	19-07-0289-13-A	07/05/19 10:14	Solid	GC/MS OO	07/05/19	07/06/19 09:47	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.70	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.29	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.4	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.51	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	250	84	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	108	71-155	
Toluene-d8	101	80-120	

Return to Contents 

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-10	19-07-0289-14-A	07/05/19 10:17	Solid	GC/MS OO	07/05/19	07/06/19 10:16	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.77	1.00	
Bromomethane	ND	24	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	9.7	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.7	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.7	0.34	1.00	
Ethanol	ND	240	81	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	111	79-133	
1,2-Dichloroethane-d4	109	71-155	
Toluene-d8	101	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-15	19-07-0289-15-A	07/05/19 10:18	Solid	GC/MS LL	07/05/19	07/05/19 20:05	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	

 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	98	79-133	
1,2-Dichloroethane-d4	94	71-155	
Toluene-d8	101	80-120	



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-20	19-07-0289-16-A	07/05/19 10:19	Solid	GC/MS OO	07/05/19	07/06/19 10:45	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	83	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	92	80-120	
Dibromofluoromethane	111	79-133	
1,2-Dichloroethane-d4	109	71-155	
Toluene-d8	103	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-25	19-07-0289-17-A	07/05/19 10:23	Solid	GC/MS LL	07/05/19	07/05/19 20:31	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.35	1.00	
Ethanol	ND	250	82	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	104	79-133	
1,2-Dichloroethane-d4	97	71-155	
Toluene-d8	99	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-3-30	19-07-0289-18-A	07/05/19 10:26	Solid	GC/MS LL	07/05/19	07/05/19 20:58	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	83	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	97	79-133	
1,2-Dichloroethane-d4	92	71-155	
Toluene-d8	98	80-120	



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-5	19-07-0289-19-A	07/05/19 10:48	Solid	GC/MS LL	07/05/19	07/05/19 21:24	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	26	9.6	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	51	5.3	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.52	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	260	85	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	100	79-133	
1,2-Dichloroethane-d4	97	71-155	
Toluene-d8	99	80-120	

Return to Contents 

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-10</b>	<b>19-07-0289-20-A</b>	<b>07/05/19 10:50</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 21:51</b>	<b>190705L007</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.35	1.00	
Ethanol	ND	250	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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### Analytical Report

AEI Consultants  
 2207 West 190th Street  
 Torrance, CA 90504-6001

Date Received: 07/05/19  
 Work Order: 19-07-0289  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	93	71-155	
Toluene-d8	98	80-120	

Return to Contents 

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-15	19-07-0289-21-A	07/05/19 10:51	Solid	GC/MS LL	07/05/19	07/05/19 22:17	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.0	1.00	
Benzene	ND	4.8	0.13	1.00	
Bromobenzene	ND	4.8	0.20	1.00	
Bromochloromethane	ND	4.8	0.67	1.00	
Bromodichloromethane	ND	4.8	0.23	1.00	
Bromoform	ND	4.8	0.77	1.00	
Bromomethane	ND	24	9.1	1.00	
2-Butanone	ND	48	3.6	1.00	
n-Butylbenzene	ND	4.8	0.15	1.00	
sec-Butylbenzene	ND	4.8	0.56	1.00	
tert-Butylbenzene	ND	4.8	0.15	1.00	
Carbon Disulfide	ND	48	0.30	1.00	
Carbon Tetrachloride	ND	4.8	0.27	1.00	
Chlorobenzene	ND	4.8	0.22	1.00	
Chloroethane	ND	4.8	1.4	1.00	
Chloroform	ND	4.8	0.23	1.00	
Chloromethane	ND	24	0.29	1.00	
2-Chlorotoluene	ND	4.8	0.22	1.00	
4-Chlorotoluene	ND	4.8	0.21	1.00	
Dibromochloromethane	ND	4.8	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.8	0.25	1.00	
Dibromomethane	ND	4.8	0.75	1.00	
1,2-Dichlorobenzene	ND	4.8	0.22	1.00	
1,3-Dichlorobenzene	ND	4.8	0.17	1.00	
1,4-Dichlorobenzene	ND	4.8	0.21	1.00	
Dichlorodifluoromethane	ND	4.8	0.43	1.00	
1,1-Dichloroethane	ND	4.8	0.20	1.00	
1,2-Dichloroethane	ND	4.8	0.30	1.00	
1,1-Dichloroethene	ND	4.8	0.33	1.00	
c-1,2-Dichloroethene	ND	4.8	0.27	1.00	
t-1,2-Dichloroethene	ND	4.8	0.49	1.00	
1,2-Dichloropropane	ND	4.8	0.42	1.00	
1,3-Dichloropropane	ND	4.8	0.24	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.8	0.32	1.00	
1,1-Dichloropropene	ND	4.8	0.32	1.00	
c-1,3-Dichloropropene	ND	4.8	0.25	1.00	
t-1,3-Dichloropropene	ND	4.8	0.59	1.00	
Ethylbenzene	ND	4.8	0.15	1.00	
2-Hexanone	ND	48	1.7	1.00	
Isopropylbenzene	ND	4.8	0.53	1.00	
p-Isopropyltoluene	ND	4.8	0.61	1.00	
Methylene Chloride	ND	48	1.3	1.00	
4-Methyl-2-Pentanone	ND	48	4.2	1.00	
Naphthalene	ND	48	0.79	1.00	
n-Propylbenzene	ND	4.8	0.49	1.00	
Styrene	ND	4.8	0.58	1.00	
1,1,1,2-Tetrachloroethane	ND	4.8	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.8	0.33	1.00	
Tetrachloroethene	ND	4.8	0.20	1.00	
Toluene	ND	4.8	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.88	1.00	
1,2,4-Trichlorobenzene	ND	4.8	0.30	1.00	
1,1,1-Trichloroethane	ND	4.8	0.22	1.00	
1,1,2-Trichloroethane	ND	4.8	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	48	0.34	1.00	
Trichloroethene	ND	4.8	0.29	1.00	
1,2,3-Trichloropropane	ND	4.8	0.80	1.00	
1,2,4-Trimethylbenzene	ND	4.8	0.57	1.00	
Trichlorofluoromethane	ND	48	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.8	0.53	1.00	
Vinyl Acetate	ND	48	4.6	1.00	
Vinyl Chloride	ND	4.8	0.49	1.00	
p/m-Xylene	ND	4.8	0.26	1.00	
o-Xylene	ND	4.8	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.8	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	48	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	9.7	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.7	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.7	0.34	1.00	
Ethanol	ND	240	81	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	100	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	97	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-20	19-07-0289-22-A	07/05/19 10:54	Solid	GC/MS LL	07/05/19	07/05/19 22:43	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.35	1.00	
Ethanol	ND	250	82	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	100	79-133	
1,2-Dichloroethane-d4	98	71-155	
Toluene-d8	100	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-4-25	19-07-0289-23-A	07/05/19 10:58	Solid	GC/MS OO	07/06/19	07/06/19 11:18	190705L011

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.77	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.50	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.9	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.9	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.9	0.35	1.00	
Ethanol	ND	250	83	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	110	79-133	
1,2-Dichloroethane-d4	109	71-155	
Toluene-d8	102	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>B-4-30</b>	<b>19-07-0289-24-A</b>	<b>07/05/19 11:01</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 23:35</b>	<b>190705L007</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	0.33	25	0.31	1.00	J
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	51	5.3	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	250	85	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	93	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	98	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-5	19-07-0289-25-A	07/05/19 11:26	Solid	GC/MS LL	07/05/19	07/06/19 00:01	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.77	1.00	
Bromomethane	ND	24	9.1	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.27	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.4	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.22	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.75	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.30	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	0.33	4.9	0.15	1.00	J
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.53	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	1.6	4.9	0.26	1.00	J
o-Xylene	0.72	4.9	0.54	1.00	J
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	9.7	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.7	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.7	0.34	1.00	
Ethanol	ND	240	81	1.00	

 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	91	80-120	
Dibromofluoromethane	100	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	100	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-10	19-07-0289-26-A	07/05/19 11:28	Solid	GC/MS LL	07/05/19	07/06/19 00:27	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.8	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.8	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.8	0.35	1.00	
Ethanol	ND	250	82	1.00	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	94	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	99	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-15	19-07-0289-27-A	07/05/19 11:30	Solid	GC/MS LL	07/05/19	07/06/19 00:52	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	51	5.3	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.49	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	250	85	1.00	


  
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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	101	79-133	
1,2-Dichloroethane-d4	95	71-155	
Toluene-d8	97	80-120	



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-20	19-07-0289-28-A	07/05/19 11:32	Solid	GC/MS LL	07/05/19	07/06/19 01:18	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	
Tert-Butyl Alcohol (TBA)	ND	52	5.4	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.52	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.36	1.00	
Ethanol	ND	260	87	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	103	79-133	
1,2-Dichloroethane-d4	97	71-155	
Toluene-d8	100	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-25	19-07-0289-29-A	07/05/19 11:37	Solid	GC/MS LL	07/05/19	07/06/19 01:44	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.68	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	50	3.7	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.57	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.17	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.43	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.7	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.62	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.82	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.54	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.1	1.00	
Diisopropyl Ether (DIPE)	ND	9.9	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.9	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.9	0.35	1.00	
Ethanol	ND	250	83	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	98	79-133	
1,2-Dichloroethane-d4	93	71-155	
Toluene-d8	101	80-120	

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-30	19-07-0289-30-A	07/05/19 11:40	Solid	GC/MS LL	07/05/19	07/06/19 02:09	190705L007

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.77	1.00	
Bromomethane	ND	24	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.75	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.53	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	
Tert-Butyl Alcohol (TBA)	ND	49	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	9.7	0.47	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	9.7	0.49	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	9.7	0.34	1.00	
Ethanol	ND	240	81	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	99	79-133	
1,2-Dichloroethane-d4	97	71-155	
Toluene-d8	98	80-120	

## Analytical Report

AEI Consultants	Date Received:	07/05/19
2207 West 190th Street	Work Order:	19-07-0289
Torrance, CA 90504-6001	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/kg

Project: 407948 Page 91 of 96

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-796-15559</b>	<b>N/A</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 16:38</b>	<b>190705L007</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	96	80-120	
Dibromofluoromethane	102	79-133	
1,2-Dichloroethane-d4	96	71-155	
Toluene-d8	100	80-120	



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## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-796-15563</b>	<b>N/A</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 01:57</b>	<b>190705L011</b>

Comment(s): - Results were evaluated to the MDL (DL), concentrations  $\geq$  to the MDL (DL) but  $<$  RL (LOQ), if found, are qualified with a "J" flag.

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>Qualifiers</u>
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	
Tert-Butyl Alcohol (TBA)	ND	50	5.2	1.00	
Diisopropyl Ether (DIPE)	ND	10	0.48	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	10	0.51	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	10	0.35	1.00	
Ethanol	ND	250	84	1.00	


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 407948

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<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	95	80-120	
Dibromofluoromethane	108	79-133	
1,2-Dichloroethane-d4	106	71-155	
Toluene-d8	100	80-120	



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## Quality Control - Spike/Spike Duplicate

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-5	Sample	Solid	GC 50	07/05/19	07/06/19 21:03	190705S02
B-1-5	Matrix Spike	Solid	GC 50	07/05/19	07/06/19 20:23	190705S02
B-1-5	Matrix Spike Duplicate	Solid	GC 50	07/05/19	07/06/19 20:43	190705S02

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH Gas/Diesel	ND	400.0	340.6	85	364.4	91	60-140	7	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits





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## Quality Control - Spike/Spike Duplicate

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-4-15	Sample	Solid	GC 50	07/05/19	07/07/19 04:28	190705S03
B-4-15	Matrix Spike	Solid	GC 50	07/05/19	07/07/19 03:47	190705S03
B-4-15	Matrix Spike Duplicate	Solid	GC 50	07/05/19	07/07/19 04:07	190705S03

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH Gas/Diesel	ND	400.0	367.4	92	341.4	85	60-140	7	0-30	


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RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - Spike/Spike Duplicate

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
<b>B-1-5</b>	<b>Sample</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:35</b>	<b>190705S02</b>				
<b>B-1-5</b>	<b>Matrix Spike</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:37</b>	<b>190705S02</b>				
<b>B-1-5</b>	<b>Matrix Spike Duplicate</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>07/05/19</b>	<b>07/08/19 15:44</b>	<b>190705S02</b>				
<u>Parameter</u>	<u>Sample Conc.</u>	<u>Spike Added</u>	<u>MS Conc.</u>	<u>MS %Rec.</u>	<u>MSD Conc.</u>	<u>MSD %Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Cadmium	ND	25.00	24.93	100	24.91	100	75-125	0	0-20	
Chromium	37.85	25.00	60.71	91	60.09	89	75-125	1	0-20	
Lead	1.804	25.00	25.41	94	25.01	93	75-125	2	0-20	
Nickel	15.34	25.00	38.97	94	38.92	94	75-125	0	0-20	
Zinc	43.79	25.00	65.79	88	65.69	88	75-125	0	0-20	

  
Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - Spike/Spike Duplicate

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
<b>B-3-15</b>	<b>Sample</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 20:05</b>	<b>190705S002</b>
<b>B-3-15</b>	<b>Matrix Spike</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 17:54</b>	<b>190705S002</b>
<b>B-3-15</b>	<b>Matrix Spike Duplicate</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 18:21</b>	<b>190705S002</b>

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	48.61	97	48.32	97	61-127	1	0-20	
Carbon Tetrachloride	ND	50.00	53.56	107	53.62	107	51-135	0	0-29	
Chlorobenzene	ND	50.00	50.58	101	48.84	98	57-123	3	0-20	
1,2-Dibromoethane	ND	50.00	54.55	109	51.63	103	64-124	5	0-20	
1,2-Dichlorobenzene	ND	50.00	52.20	104	49.84	100	35-131	5	0-25	
1,2-Dichloroethane	ND	50.00	50.84	102	49.92	100	80-120	2	0-20	
1,1-Dichloroethene	ND	50.00	51.76	104	49.84	100	47-143	4	0-25	
Ethylbenzene	ND	50.00	51.39	103	49.50	99	57-129	4	0-22	
Toluene	ND	50.00	50.95	102	49.39	99	63-123	3	0-20	
Trichloroethene	ND	50.00	53.43	107	51.61	103	44-158	3	0-20	
Vinyl Chloride	ND	50.00	46.56	93	39.04	78	49-139	18	0-47	
p/m-Xylene	ND	100.0	106.7	107	101.9	102	70-130	5	0-30	
o-Xylene	ND	50.00	50.18	100	48.41	97	70-130	4	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	42.99	86	42.20	84	57-123	2	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	238.6	95	233.3	93	30-168	2	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	47.43	95	46.07	92	57-129	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	46.24	92	45.37	91	55-127	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	52.75	106	51.35	103	58-124	3	0-20	
Ethanol	ND	500.0	518.0	104	523.8	105	17-167	1	0-47	

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RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - Spike/Spike Duplicate

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
<b>B-1-10</b>	<b>Sample</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 02:27</b>	<b>190705S005</b>
<b>B-1-10</b>	<b>Matrix Spike</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 03:25</b>	<b>190705S005</b>
<b>B-1-10</b>	<b>Matrix Spike Duplicate</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 03:55</b>	<b>190705S005</b>

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	41.32	83	41.14	82	61-127	0	0-20	
Carbon Tetrachloride	ND	50.00	42.76	86	42.80	86	51-135	0	0-29	
Chlorobenzene	ND	50.00	39.52	79	39.24	78	57-123	1	0-20	
1,2-Dibromoethane	ND	50.00	42.96	86	41.20	82	64-124	4	0-20	
1,2-Dichlorobenzene	ND	50.00	36.88	74	37.31	75	35-131	1	0-25	
1,2-Dichloroethane	ND	50.00	42.74	85	40.94	82	80-120	4	0-20	
1,1-Dichloroethene	ND	50.00	40.45	81	40.46	81	47-143	0	0-25	
Ethylbenzene	ND	50.00	40.66	81	40.24	80	57-129	1	0-22	
Toluene	ND	50.00	42.12	84	41.51	83	63-123	1	0-20	
Trichloroethene	ND	50.00	42.53	85	41.99	84	44-158	1	0-20	
Vinyl Chloride	ND	50.00	38.95	78	40.15	80	49-139	3	0-47	
p/m-Xylene	ND	100.0	82.28	82	82.80	83	70-130	1	0-30	
o-Xylene	ND	50.00	42.32	85	42.59	85	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	35.74	71	33.78	68	57-123	6	0-21	
Tert-Butyl Alcohol (TBA)	ND	250.0	165.1	66	167.9	67	30-168	2	0-34	
Diisopropyl Ether (DIPE)	ND	50.00	43.88	88	41.92	84	57-129	5	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	50.00	38.02	76	36.07	72	55-127	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	50.00	42.59	85	40.45	81	58-124	5	0-20	
Ethanol	ND	500.0	396.1	79	400.8	80	17-167	1	0-47	

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RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - LCS

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-15-476-520</b>	<b>LCS</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/06/19 20:03</b>	<b>190705B02</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
TPH Gas/Diesel		400.0	340.8	85	70-130	


  
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RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - LCS

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-15-476-521</b>	<b>LCS</b>	<b>Solid</b>	<b>GC 50</b>	<b>07/05/19</b>	<b>07/07/19 03:27</b>	<b>190705B03</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
TPH Gas/Diesel		400.0	349.0	87	70-130	


  
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RPD: Relative Percent Difference. CL: Control Limits



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## Quality Control - LCS/LCSD

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number			
097-01-002-28092	LCS	Solid	ICP 8300	07/05/19	07/08/19 13:23	190705L02			
097-01-002-28092	LCSD	Solid	ICP 8300	07/05/19	07/08/19 13:25	190705L02			
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Cadmium	25.00	24.69	99	24.80	99	80-120	0	0-20	
Chromium	25.00	24.69	99	24.74	99	80-120	0	0-20	
Lead	25.00	25.32	101	24.99	100	80-120	1	0-20	
Nickel	25.00	25.30	101	25.35	101	80-120	0	0-20	
Zinc	25.00	25.43	102	25.22	101	80-120	1	0-20	


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RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - LCS

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
<b>099-12-796-15559</b>	<b>LCS</b>	<b>Solid</b>	<b>GC/MS LL</b>	<b>07/05/19</b>	<b>07/05/19 15:39</b>	<b>190705L007</b>	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Benzene		50.00	49.61	99	80-120	73-127	
Carbon Tetrachloride		50.00	56.42	113	65-137	53-149	
Chlorobenzene		50.00	53.53	107	80-120	73-127	
1,2-Dibromoethane		50.00	51.21	102	80-120	73-127	
1,2-Dichlorobenzene		50.00	53.55	107	80-120	73-127	
1,2-Dichloroethane		50.00	49.75	99	80-120	73-127	
1,1-Dichloroethene		50.00	53.72	107	68-128	58-138	
Ethylbenzene		50.00	53.97	108	80-120	73-127	
Toluene		50.00	51.03	102	80-120	73-127	
Trichloroethene		50.00	52.32	105	80-120	73-127	
Vinyl Chloride		50.00	43.37	87	67-127	57-137	
p/m-Xylene		100.0	113.1	113	75-125	67-133	
o-Xylene		50.00	52.49	105	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)		50.00	42.36	85	70-124	61-133	
Tert-Butyl Alcohol (TBA)		250.0	221.5	89	73-121	65-129	
Diisopropyl Ether (DIPE)		50.00	48.92	98	69-129	59-139	
Ethyl-t-Butyl Ether (ETBE)		50.00	46.03	92	70-124	61-133	
Tert-Amyl-Methyl Ether (TAME)		50.00	49.99	100	74-122	66-130	
Ethanol		500.0	478.2	96	51-135	37-149	

Total number of LCS compounds: 19

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

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## Quality Control - LCS

AEI Consultants  
2207 West 190th Street  
Torrance, CA 90504-6001

Date Received: 07/05/19  
Work Order: 19-07-0289  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 407948

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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
<b>099-12-796-15563</b>	<b>LCS</b>	<b>Solid</b>	<b>GC/MS OO</b>	<b>07/05/19</b>	<b>07/06/19 00:29</b>	<b>190705L011</b>	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Benzene		50.00	46.88	94	80-120	73-127	
Carbon Tetrachloride		50.00	47.06	94	65-137	53-149	
Chlorobenzene		50.00	45.94	92	80-120	73-127	
1,2-Dibromoethane		50.00	48.11	96	80-120	73-127	
1,2-Dichlorobenzene		50.00	46.20	92	80-120	73-127	
1,2-Dichloroethane		50.00	48.30	97	80-120	73-127	
1,1-Dichloroethene		50.00	43.54	87	68-128	58-138	
Ethylbenzene		50.00	46.51	93	80-120	73-127	
Toluene		50.00	47.70	95	80-120	73-127	
Trichloroethene		50.00	48.41	97	80-120	73-127	
Vinyl Chloride		50.00	43.08	86	67-127	57-137	
p/m-Xylene		100.0	95.80	96	75-125	67-133	
o-Xylene		50.00	48.86	98	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)		50.00	39.79	80	70-124	61-133	
Tert-Butyl Alcohol (TBA)		250.0	206.6	83	73-121	65-129	
Diisopropyl Ether (DIPE)		50.00	48.96	98	69-129	59-139	
Ethyl-t-Butyl Ether (ETBE)		50.00	43.91	88	70-124	61-133	
Tert-Amyl-Methyl Ether (TAME)		50.00	49.03	98	74-122	66-130	
Ethanol		500.0	476.8	95	51-135	37-149	

Total number of LCS compounds: 19

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

## Sample Analysis Summary Report

Work Order: 19-07-0289

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<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 6010B	EPA 3050B	1080	ICP 8300	1
EPA 8015B (M)	EPA 3550B	972	GC 50	1
EPA 8260B	EPA 5030C	1120	GC/MS LL	2
EPA 8260B	EPA 5030C	1191	GC/MS OO	2

## Glossary of Terms and Qualifiers

Work Order: 19-07-0289

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<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 885-5494  
 For courier service / sample drop off information, contact us28\_sales@eurofins.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 7/5/19  
 Page 1 of 3

WO NO. / LAB USE ONLY  
**19-07-0289**

LABORATORY CLIENT: AGI Consultants  
 ADDRESS: 2207 W 190th Street STATE: CA ZIP: 90504  
 CITY: TORRANCE  
 TEL: 310-398-4255 E-MAIL: dgraye@agiconsultants.com  
 TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD  
 COELT EDF  OTHER

CLIENT PROJECT NAME / NO.: 407948  
 PROJECT CONTACT: Kate Lamb  
 GLOBAL ID: \_\_\_\_\_ LOG CODE: \_\_\_\_\_  
 P.O. NO.: 198578  
 LAB CONTACTOR QUOTE NO.: \_\_\_\_\_  
 SAMPLER(S): (PRINT) Dashiell Geyer

**REQUESTED ANALYSES**  
 Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	□ TPH(g) □ GRO	□ TPH(d) □ DRO	TPH □ C6-C8 □ C6-C4	TPH <u>extended range</u> □	BTEX / MTBE □ 8260 □	Oxygenates (8260)	Prep (5035) □ En Core □ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs □ 8270 □ 8270 SIM	T22 Metals □ 6010/747X □ 6020/747X	Cr(VI) □ 7196 □ 7199 □ 218.6	LUST S Metals 6010B	
		DATE	TIME																				
	B-1-5	7/5/19	0844	SOIL	1	X						X											
	B-1-10		0848			X						X											
	B-1-15		0849			X						X											
	B-1-20		0852			X						X											
	B-1-25		0858			X						X											
	B-1-30		0900			X						X											
	B-2-5		0923			X						X											
	B-2-10		0925			X						X											
	B-2-15		0927			X						X											
	B-2-20		0930			X						X											

Received by: (Signature/Affiliation) [Signature] Date: 7/5/19 Time: 13:25  
 Received by: (Signature/Affiliation) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received by: (Signature/Affiliation) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_





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**CHAIN-OF-CUSTODY RECORD**

Date 7/5/19

Page 2 of 3

WO NO. / LAB USE ONLY  
**19-07-0289**

LABORATORY CLIENT: Page 2

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_

TEL: \_\_\_\_\_

STATE: \_\_\_\_\_

ZIP: \_\_\_\_\_

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD  
 EDD  COELT EDF  OTHER

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NO.:  
467948

PROJECT CONTACT:  
Kate Lamb

GLOBAL ID:

LOG CODE:

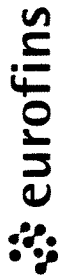
SAMPLER(S) (PRINT):  
Dashiell Geyer

P.O. NO.:  
198578

LAB CONTACT OR QUOTE NO.:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Field Status		TPH (g) <input type="checkbox"/> GRO	TPH (d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C8 <input type="checkbox"/> C6-C4	TPH <input type="checkbox"/> extended range	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	Time:		
		DATE	TIME			Unpreserved	Preserved																	
11	B-2-25	7/5/19	0957	SOIL	1	X					X													
12	B-2-30		0958			X					X													
13	B-3-5		1014			X					X													
14	B-3-10		1017			X					X													
15	B-3-15		1018			X					X													
16	B-3-20		1019			X					X													
17	B-3-25		1023			X					X													
18	B-3-30		1026			X					X													
19	B-4-5		1048			X					X													
20	B-4-10		1050			X					X													
Relinquished by: (Signature) <u>[Signature]</u>																							Date: <u>7/5/19</u>	Time: <u>13:25</u>
Relinquished by: (Signature)																							Date:	Time:
Relinquished by: (Signature)																							Date:	Time:





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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY  
**19-07-0289**  
Date 7/5/19  
Page 3 of 3

LABORATORY CLIENT: **Page 3**

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

TEL: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):  
 SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD

EDD  COELT EDF  OTHER

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NO.: **407948**

LAB CONTACT OR QUOTE NO.: **198578**

PROJECT CONTACT: **Kate Lamb**

GLOBAL ID: \_\_\_\_\_ LOG CODE: \_\_\_\_\_

SAMPLER(S) (PRINT): **Dashnell Geyer**

**REQUESTED ANALYSES**  
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	□ TPH(g) □ GRO	□ TPH(d) □ DRO	TPH □ C6-C36 □ C6-C44	BTEX / MTBE □ 8260 □	VOCs (8260)	Oxygenates (8260)	Prep (5035) □ En Core □ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs □ 8270 □ 8270 SIM	T22 Metals □ 6010/747X □ 6020/747X	Cr(VI) □ 7196 □ 7199 □ 218.6	Lust 5 metals (6010B)	
		DATE	TIME																				
21	B-4-15	7/5/19	1051	SOIL	1	X							X										
22	B-4-20		1054			X							X										
23	B-4-25		1058			X							X										
24	B-4-30		1101			X							X										
25	B-5-5		1126			X							X										
26	B-5-10		1128			X							X										
27	B-5-15		1130			X							X										
28	B-5-20		1132			X							X										
29	B-5-25		1137			X							X										
30	B-5-30		1140			X							X										

Received by: (Signature/Affiliation) **DANIEL** Date: **7/5/19** Time: **13:25**

Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_





**SAMPLE RECEIPT CHECKLIST**

COOLER 1 OF 1

CLIENT: AEI Consultants

DATE: 07/05/2019

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)  
 Thermometer ID: SC6 (CF: +0.2°C); Temperature (w/o CF): 4.6 °C (w/ CF): 4.8 °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter  
 Checked by: 619

**CUSTODY SEAL:**  
 Cooler  Present and Intact  Present but Not Intact  Not Present  N/A  
 Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A  
 Checked by: 619  
 Checked by: 1053

<b>SAMPLE CONDITION:</b>	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Acid/base preserved samples - pH within acceptable range .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Container(s) for certain analysis free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:** (Trip Blank Lot Number: \_\_\_\_\_)  
**Aqueous:**  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  125PB  125PB<sub>znna</sub> (pH\_\_9)  
 250AGB  250CGB  250CGBs (pH\_\_2)  250PB  250PB<sub>n</sub> (pH\_\_2)  500AGB  500AGJ  500AGJs (pH\_\_2)  500PB  
 1AGB  1AGB<sub>na2</sub>  1AGBs (pH\_\_2)  1AGBs (O&G)  1PB  1PB<sub>na</sub> (pH\_\_12)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
**Solid:**  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (P)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
**Air:**  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ **Other Matrix** (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag  
 Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO<sub>3</sub>, **na** = NaOH, **na<sub>2</sub>** = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, **p** = H<sub>3</sub>PO<sub>4</sub>, **s** = H<sub>2</sub>SO<sub>4</sub>, **u** = ultra-pure, **x** = Na<sub>2</sub>SO<sub>3</sub>+NaHSO<sub>4</sub>.H<sub>2</sub>O, **znna** = Zn (CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH  
 Labeled/Checked by: 1053  
 Reviewed by: 619

## SAMPLE ANOMALY REPORT

DATE: 07/5/2019

SAMPLES, CONTAINERS, AND LABELS:	Comments																																																		
<input type="checkbox"/> Sample(s) NOT RECEIVED but listed on COC <input type="checkbox"/> Sample(s) received but NOT LISTED on COC <input type="checkbox"/> Holding time expired (list client or ECI sample ID and analysis) <input type="checkbox"/> Insufficient sample amount for requested analysis (list analysis) <input type="checkbox"/> Improper container(s) used (list analysis) <input type="checkbox"/> Improper preservative used (list analysis) <input type="checkbox"/> pH outside acceptable range (list analysis) <input type="checkbox"/> No preservative noted on COC or label (list analysis and notify lab) <input type="checkbox"/> Sample container(s) not labeled <input type="checkbox"/> Client sample label(s) illegible (list container type and analysis) <input checked="" type="checkbox"/> Client sample label(s) do not match COC (comment) <div style="margin-left: 20px;"> <input type="checkbox"/> Project information  <input type="checkbox"/> Client sample ID  <input checked="" type="checkbox"/> Sampling <u>date</u> and/or time  <input type="checkbox"/> Number of container(s)  <input type="checkbox"/> Requested analysis                 </div> <input type="checkbox"/> Sample container(s) compromised (comment) <div style="margin-left: 20px;"> <input type="checkbox"/> Broken  <input type="checkbox"/> Water present in sample container                 </div> <input type="checkbox"/> Air sample container(s) compromised (comment) <div style="margin-left: 20px;"> <input type="checkbox"/> Flat  <input type="checkbox"/> Very low in volume  <input type="checkbox"/> Leaking (not transferred; duplicate bag submitted)  <input type="checkbox"/> Leaking (transferred into ECI Tedlar™ bags*)  <input type="checkbox"/> Leaking (transferred into client's Tedlar™ bags*)                 </div> <p><small>* Transferred at client's request.</small></p>	<div style="font-family: cursive; font-size: 1.2em; margin-bottom: 10px;">                     (F18) collection date per label is                       7-4-19                 </div>																																																		
<b>MISCELLANEOUS:</b> (Describe)  <hr/>	<b>Comments</b>  <hr/>																																																		
<b>HEADSPACE:</b> (Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)	(Containers with bubble for other analysis)																																																		
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 16.6%;">ECI Sample ID</th> <th style="width: 16.6%;">ECI Container ID</th> <th style="width: 16.6%;">Total Number**</th> <th style="width: 16.6%;">ECI Sample ID</th> <th style="width: 16.6%;">ECI Container ID</th> <th style="width: 16.6%;">Total Number**</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**																									<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">ECI Sample ID</th> <th style="width: 25%;">ECI Container ID</th> <th style="width: 25%;">Total Number**</th> <th style="width: 25%;">Requested Analysis</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis																
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Comments: _____ _____ _____	Reported by: <u>1053</u> Reviewed by: <u>619</u>																																																		
<p><small>** Record the total number of containers (i.e., vials or bottles) for the affected sample.</small></p>																																																			

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