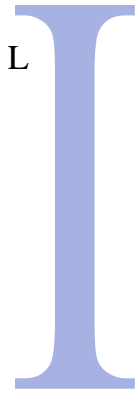


IRIS ENVIRONMENTAL



Via Email

November 4, 2015

Colby Northridge
Related California
18201 Von Karman Avenue, Suite 900
Irvine, California 92612

**Re: Report of FOIA File Review Requests and Limited Phase II Subsurface Site Investigation
9400-9500 International Boulevard
Oakland, California**

Dear Colby:

Iris Environmental is pleased to present Related California with this letter report documenting the methodology and results of expanded Freedom of Information Act (FOIA) requests, and a limited Phase II subsurface site investigation of the property located 9400-9500 International Blvd. in Oakland, California (the “Site”). The investigation was designed to satisfy the requests of Union Bank as outlined in their interoffice correspondence dated October 2, 2015.

Specifically, our scope of work consisted of: 1) Written FOIA information requests to local agencies for the Site and an adjacent site; and 2) soil, soil gas, and groundwater sampling to characterize potential vapor intrusion impacts from a suspected on-Site former dry cleaning operation and an adjacent site.

BACKGROUND

The Site location is depicted in Figure 1. The Site is owned by Pastor Claybrooks Acts Community Development, Inc. and is partially occupied and utilized. Phase I and Phase II Environmental Site Assessment reports have been prepared for the Site in 2015, and include:

- 1) *Phase I Environmental Site Assessment, 9400-9500 International Boulevard, Oakland, California.* Consulting Associates of California (CAC). June 25, 2015.
- 2) *Soil Investigation Report, 94th and International Blvd., Oakland, California.* Applied Remedial Services (ARS). July 26, 2015.
- 3) *Step-out Soil Investigation Report, 94th and International Blvd., Oakland, California.* Applied Remedial Services (ARS). September 14, 2015.

As detailed in the existing reports, varied historic Site use, potential shallow fill soils, and potential offsite properties have contributed impacts to the site. Known impacts include: lead

concentrations in shallow soils (generally 0-3 feet below current ground surface) above residential human health risk-based screening levels and above hazardous waste screening criteria, and limited low-level detections of pesticides and total petroleum hydrocarbons in the same shallow soils.

Related California may acquire the site and redevelop it into a new 59-unit residential apartment building, with associated ground-floor community and retail space(s). As currently envisioned, the future building will front International Boulevard, and the rear of the property will be surface parking and landscaping.

FOIA FILE REVIEW REQUESTS

Iris Environmental submitted formal online regulatory agency records requests to the Alameda County Environmental Health (ACEH) department, Oakland Fire Department (OFD), and Oakland Planning and Building Department (OPBD) for both the subject site, and the neighboring property utilized between approximately 1896 and 1936 as the Oakland Traction Company and Key System Transit Company. Current and historical addresses associated with the subject site, as outlined in Union Bank's October 2, 2015 memorandum, were specified in Iris Environmental's FOIA requests. Current and historical addresses associated with the adjacent property were also specified in the FOIA requests.

The results of the records request are summarized in the following Table 1. No records were available at Alameda County Department of Environmental Health (ACEH), and while records were available at the Oakland Building and Planning, no records of significance were identified in either the online or in-person file review. Significant records searched for, but not found, included references to historic hazardous materials use, storage, or disposal – or complaints related to environmental matters (odors, emissions, etc). Requests and responses are documented in the attached Appendix A.

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

Pre-fieldwork

Iris Environmental conducted the following pre-fieldwork activities, prior to mobilizing to the site to conduct the subsurface investigation.

We defined the objectives, scope, and technical details of the subsurface site investigation, including: the number, location, and types of samples; sampling and analysis protocols; and data evaluation protocols (*e.g.*, screening levels). We prepared a site figure with proposed sampling locations and a table summarizing the proposed sampling and analysis program.

- We contracted and coordinated with subcontractors: analytical laboratory, utility locator, and driller.
- We coordinated with the appropriate persons to gain authorized site access for pre-fieldwork and fieldwork activities.
- We transferred an existing drilling permit from the Alameda County Public Works Agency.

- We prepared a site-specific Health and Safety Plan (HSP).
- We visited the site on October 14, 2015 with a utility locating subcontractor to clear proposed boring locations with respect to subsurface utilities, and mark proposed boring locations in white paint for Underground Services Alert (USA) North. We notified USA North at least 48 hours prior to conducting intrusive fieldwork.

Fieldwork and Analytical

Soil and Grab Groundwater Sampling

As requested by Union Bank in their October 2, 2015 memorandum, Iris Environmental collected two (2) soil samples for analysis for VOCs by USEPA Method 8260B. One soil sample was collected from an approximate depth of 5.0 feet from each of two borings (IE-1 and IE-2) located within the 9434 International Boulevard building. Iris Environmental collected samples for VOC analysis using USEPA Preparatory Method 5035 with a Terra Core® sampler. Samples were labeled and stored in iced coolers for transport under chain-of-custody protocol to Curtis and Tompkins Laboratories in Berkeley, California.

At the same two boring locations (IE-1 and IE-2), Iris Environmental collected grab groundwater samples at depths of approximately 10.5 and 11.5 feet below ground surface, respectively. A 1.0-inch diameter temporary PVC casing with a 5-foot interval of 0.010-inch slots was lowered into the borehole to collect a grab groundwater sample using a stainless steel bailer, which was decontaminated between sampling locations. The grab groundwater samples were submitted in iced coolers under chain-of-custody protocol for analysis for VOCs by USEPA Method 8260B.

Soil cuttings and a small volume of wastewater were containerized in a labeled 55-gallon drum. The investigation-derived waste (IDW) drum was stored temporarily onsite at a secure location. The drum was labeled with an "On Hold Pending Analysis" sticker that identifies the contents, the source (*i.e.*, the site address), and Iris Environmental main telephone number. One four-point composite soil sample was collected from the IDW soil drum to profile the contents for appropriate offsite disposal (*e.g.*, as non-hazardous waste).

Soil Gas Sampling

As requested by Union Bank in their October 2, 2015 memorandum, Iris Environmental advanced eight soil gas sampling probes (IE-1 through IE-8) to a depth of approximately 5.0 feet bgs. Four of the borings (IE-1 through IE-4) were advanced within 9434 International Boulevard to assess the suspected former dry cleaning operations, and four (IE-5 through IE-8) were advanced along the south and east fencelines at the southeast corner of the property. The intent of the four soil gas samples along the southeast corner of the property was to assess potential impacts originating from the former Oakland Traction Company and Key System Transit Company (a neighboring historic site). The eight soil gas sampling locations are shown in Figure 1. Iris Environmental installed and sampled temporary soil gas probes in general accordance with the 2015 Cal/EPA Soil Gas Advisory, including requirements for equilibration, purging, and leak detection. Each sample was collected into a laboratory-cleaned and certified Summa canister.

Soil gas samples were submitted to Curtis and Tompkins Laboratories for analysis for VOCs by USEPA Method TO-15. 1,1-difluoroethane (1,1-DFA) was used as the leak detection compound during probe purging and sampling; this compound is quantified as a tentatively identified compound (TIC) by Method TO-15.

Results

Soil sampling results, expressed on a dry-weight basis, are presented in the attached Table 1. These results are compared to San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs) for residential direct exposure (ESLs Table K-1). No compounds were detected at concentrations above laboratory reporting limits.

Grab groundwater sampling results are presented in the attached Table 2. These results are compared to SFRWQCB ESLs for evaluation of potential vapor intrusion concerns (ESLs Table E-1) and drinking water concerns (ESLs Table F-3). Soil type is assumed to be fine-coarse mix, as recommended by SFRWQCB for San Francisco Bay Area sites. Only 7 of 67 target analytes were detected above laboratory reporting limits in either groundwater sample, and none of these detections exceeds its respective ESLs for vapor intrusion and drinking water concerns.

Soil gas sampling results are presented in the attached Table 3. These results are compared to SFRWQCB ESLs for soil gas under residential land use (ESLs Table E-2). Only 9 of 59 target analytes were detected above laboratory reporting limits in any soil gas sample, and none of these detections exceeds its respective ESL for either vapor intrusion concerns.

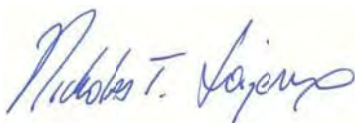
All laboratory analytical reports are presented in the attached Appendix B.

CLOSING

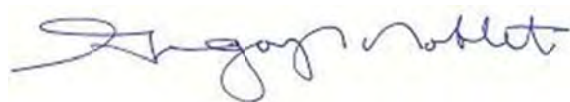
Should you have any questions concerning this report, please do not hesitate to contact us. We appreciate the opportunity to work with you on this assignment.

Sincerely,

IRIS ENVIRONMENTAL



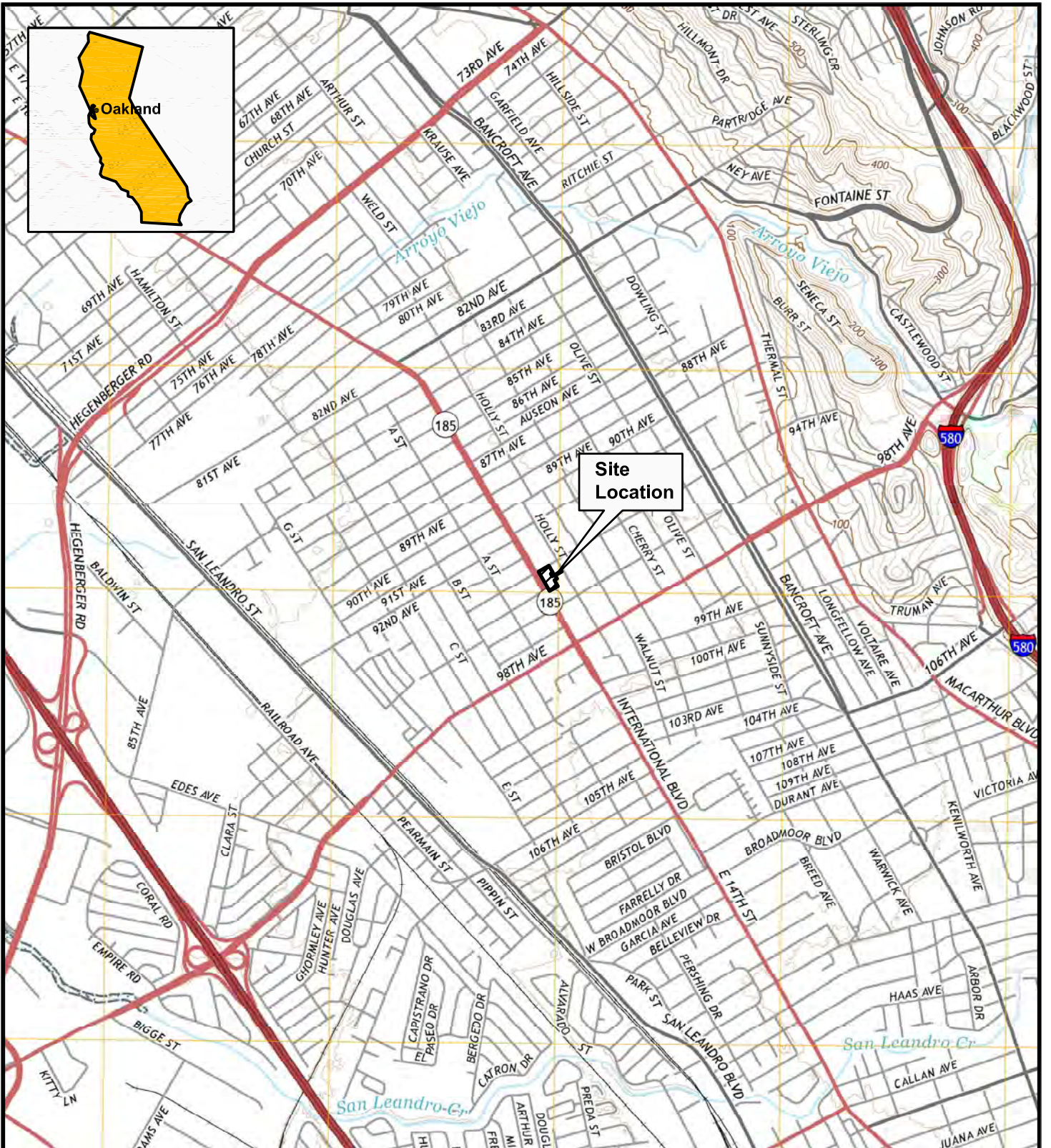
Nicholas T. Loizeaux, P.G.
Principal



Gregory S. Noblet, P.E.
Principal

Attachments (continued page 5)

Attachments: Figure 1. Site Location Map
Figure 2. Supplemental Sampling Locations
Table 1. Summary of FOIA File Review
Table 2. Comparison of Soil Sampling Results to Environmental Screening Levels
Table 3. Comparison of Groundwater Sampling Results to Environmental Screening Levels
Table 4. Comparison of Soil Sampling Results to Environmental Screening Levels
Appendix A. Documentation of FOIA File Review
Appendix B. Laboratory Analytical Reports



Source: USGS 7.5' Quadrangle, San Leandro/Oakland East, California, 2015

I:\CAD\15-1325-A\site location.dwg

IRIS ENVIRONMENTAL
 1438 Webster Street, Suite 302
 Oakland, California 94612
 Ph. (510) 834-4747 Fax: (510) 834-4199

Site Location Map
 9400-9500 International Boulevard
 Oakland, California

Figure
1

Drafter: EC




Date: 11/04/15

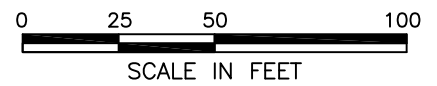
Contract Number: 15-1325A



Basemap: Google Earth May 11, 2015

LEGEND:

-  Approximate site boundary
-  Soil gas sampling location
-  Soil, soil gas, and groundwater sampling location



I:\CAD\15\15-1325-A\site layout.dwg

IRIS ENVIRONMENTAL
 1438 Webster Street, Suite 302
 Oakland, California 94612
 Ph. (510) 834-4747 Fax: (510) 834-4199

Supplemental Sampling Locations
 9400-9500 International Boulevard
 Oakland, California

Figure

2

Drafter: EC

Date: 10/30/15

Contract Number: 15-1325A

Table 1. Summary of FOIA File Review

Site file review*

Agency	Online File Request (records from 1987-Present) ¹			In-Person File Review (microfiche records from 1941-1987) ¹	
	File Date	Response Date	Notes	Date	Notes
ACEH	10/20/2015	10/23/2015	No records available.	N/A	N/A
OFD	10/20/2015	N/A	No records available, suggest inquire at ACEH.	N/A	N/A
OPBD	10/20/2015	10/27/2015	No records of note.	10/28/2015	No records of note.

Adjacent site file review[†]

Agency	Online File Request (records from 1987-Present) ¹			In-Person File Review (microfiche records from 1941-1987) ¹	
	File Date	Response Date	Notes	Date	Notes
ACEH	10/21/2015	10/30/2015	No records available.	N/A	N/A
OFD	10/21/2015	N/A	No records available, suggest inquire at ACEH.	N/A	N/A
OPBD	10/21/2015	10/27/2015	No records of note.	10/28/2015	9520 E. 14th St. - Tank installed for auto shop in 1959, no figure or additional information available. 1445 96th Ave. - Termite extermination in 1968, chlordane applied outdoors.

Additional Adjacent site file review[‡]

Agency	Online File Request (records from 1987-Present) ¹			In-Person File Review (microfiche records from 1941-1987) ¹	
	File Date	Response Date	Notes	Date	Notes
ACEH	10/27/2015	Not yet received.	Pending, awaiting response.	N/A	N/A
OFD	10/27/2015	N/A	No records with FD, suggest inquire at ACEH.	N/A	N/A
OPBD	10/27/2015	Not yet received.	Pending, awaiting response.	10/28/2015	No records of note.

Table 1. Summary of FOIA File Review

Notes:

- (1) File requests and responses are documented in the attached Appendix A.
 - * The Site records request includes the following addresses:
 - 9400 to 9502 International Blvd. (E. 14th St.)
 - 1400 to 1430 94th Ave.
 - 1 to 101 Oakland and San Leandro Rd.
 - 9414 to 9418 Holly St. (Hawthorne St.)
 - † The Adjacent site records request includes the following addresses:
 - 9502, 9520, 9526, 9530, 9532 International Blvd. (E. 14th St.)
 - 1427, 1445 96th Ave.
 - 9501, 9507, 9515, 9521, 9527 Holly St. (Hawthorne St.)
 - ‡ The Additional Adjacent site records request search includes the following addresses:
 - 9438, 9500, 9510 International Blvd. (E. 14th St.)
 - 1401, 1429 96th Ave.
 - 9431, 9445, 9519 Holly St. (Hawthorne St.)

Definitions:

ACEH Alameda County Department of Environmental Health
OFD Oakland Fire Department
OPBD Oakland Planning and Building Department

Table 2. Comparison of Soil Sampling Results to Environmental Screening Levels

Analyte	Direct Exposure ESLs	Soil Sampling Results	
	Residential (mg/kg)	IE-1-5.0 (mg/kg)	IE-2-5.0 (mg/kg)
<i>Volatile Organic Compounds (VOCs) by USEPA Method 8260B</i>			
Acetone	60,000	<0.020	<0.027
Benzene	0.74	<0.0049	<0.0066
Bromobenzene	None	<0.0049	<0.0066
Bromodichloromethane	0.48	<0.0049	<0.0066
Bromoform	58	<0.0049	<0.0066
Bromomethane (methyl bromide)	8.6	<0.0098	<0.013
2-Butanone (methyl ethyl ketone)	32,000	<0.0098	<0.013
n-Butylbenzene	None	<0.0049	<0.0066
sec-Butylbenzene	None	<0.0049	<0.0066
tert-Butylbenzene	None	<0.0049	<0.0066
Carbon disulfide	None	<0.0049	<0.0066
Carbon tetrachloride	0.12	<0.0049	<0.0066
Chlorobenzene	1,300	<0.0049	<0.0066
Chlorobromomethane (bromochloromethane)	None	<0.0049	<0.0066
Chlorodibromomethane (dibromochloromethane)	7.6	<0.0049	<0.0066
Chloroethane (ethyl chloride)	41,000	<0.0098	<0.013
Chloroform	1.1	<0.0049	<0.0066
Chloromethane (methyl chloride)	100	<0.0098	<0.013
2-Chlorotoluene	None	<0.0049	<0.0066
4-Chlorotoluene	None	<0.0049	<0.0066
Cumene (isopropylbenzene)	None	<0.0049	<0.0066
Cymene (p-isopropyltoluene)	None	<0.0049	<0.0066
1,2-Dibromo-3-chloropropane	0.091	<0.0049	<0.0066
1,2-Dibromoethane (ethylene dibromide)	0.11	<0.0049	<0.0066
Dibromomethane (methylene bromide)	None	<0.0049	<0.0066
1,2-Dichlorobenzene	2,100	<0.0049	<0.0066
1,3-Dichlorobenzene	None	<0.0049	<0.0066
1,4-Dichlorobenzene	2.8	<0.0049	<0.0066
Dichlorodifluoromethane (Freon 12)	None	<0.0098	<0.013
1,1-Dichloroethane (1,1-DCA)	3.5	<0.0049	<0.0066
1,2-Dichloroethane (1,2-DCA)	0.44	<0.0049	<0.0066
1,1-Dichloroethene (1,1-DCE)	270	<0.0049	<0.0066

Table 2. Comparison of Soil Sampling Results to Environmental Screening Levels

Analyte	Direct Exposure ESLs	Soil Sampling Results	
	Residential (mg/kg)	IE-1-5.0 (mg/kg)	IE-2-5.0 (mg/kg)
cis-1,2-Dichloroethene (cis-1,2-DCE)	18	<0.0049	<0.0066
trans-1,2-Dichloroethene (trans-1,2-DCE)	130	<0.0049	<0.0066
Dichloromethane (methylene chloride)	9.9	<0.020	<0.027
1,2-Dichloropropane	0.82	<0.0049	<0.0066
1,3-Dichloropropane	None	<0.0049	<0.0066
2,2-Dichloropropane	None	<0.0049	<0.0066
1,1-Dichloropropene	None	<0.0049	<0.0066
cis-1,3-Dichloropropene	0.27	<0.0049	<0.0066
trans-1,3-Dichloropropene	0.27	<0.0049	<0.0066
Ethylbenzene	4.8	<0.0049	<0.0066
Hexachlorobutadiene	8.2	<0.0049	<0.0066
2-Hexanone (methyl butyl ketone)	None	<0.0098	<0.013
Methyl tert-butyl ether (MTBE)	39	<0.0049	<0.0066
4-Methyl-2-pentanone (methyl isobutyl ketone)	36,000	<0.0098	<0.013
Naphthalene	3.1	<0.0049	<0.0066
n-Propylbenzene	None	<0.0049	<0.0066
Styrene	6,900	<0.0049	<0.0066
1,1,1,2-Tetrachloroethane	3.8	<0.0049	<0.0066
1,1,2,2-Tetrachloroethane	0.47	<0.0049	<0.0066
Tetrachloroethene (PCE)	0.55	<0.0049	<0.0066
Toluene	1,000	<0.0049	<0.0066
1,2,3-Trichlorobenzene	None	<0.0049	<0.0066
1,2,4-Trichlorobenzene	140	<0.0049	<0.0066
1,1,1-Trichloroethane (1,1,1-TCA)	11,000	<0.0049	<0.0066
1,1,2-Trichloroethane (1,1,2-TCA)	0.88	<0.0049	<0.0066
Trichloroethene (TCE)	1.7	<0.0049	<0.0066
Trichlorofluoromethane (Freon 11)	None	<0.0049	<0.0066
1,2,3-Trichloropropane	None	<0.0049	<0.0066
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	None	<0.0049	<0.0066
1,2,4-Trimethylbenzene	None	<0.0049	<0.0066
1,3,5-Trimethylbenzene	None	<0.0049	<0.0066
Vinyl acetate	None	<0.049	<0.066
Vinyl chloride	0.032	<0.0098	<0.013

Table 2. Comparison of Soil Sampling Results to Environmental Screening Levels

Analyte	Direct Exposure ESLs	Soil Sampling Results	
	Residential (mg/kg)	IE-1-5.0 (mg/kg)	IE-2-5.0 (mg/kg)
m-, p-Xylene	600	<0.0049	<0.0066
o-Xylene	600	<0.0049	<0.0066

Notes:

- (1) Soil sampling results are reported on dry-weight basis for comparison to San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) residential direct exposure screening levels (ESLs Table K-1).
- (2) Analytical results reported by Curtis & Tompkins Laboratories in Berkeley, California.

Definitions:

mg/kg = milligrams per kilogram

<1.7 = Not detected at or above the laboratory reporting limit of 1.7 mg/kg

Table 3. Comparison of Groundwater Sampling Results to Environmental Screening Levels

Analyte	Residential ESLs		Groundwater Sampling Results	
	Vapor Intrusion	Drinking Water	IE-1-GW	IE-2-GW
	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Acetone	130,000,000	12,000	<10	<10
Benzene	27	1.0	<0.50	<0.50
Bromobenzene	None	None	<0.50	<0.50
Bromodichloromethane	None	80	<0.50	<0.50
Bromoform	None	80	<1.0	<1.0
Bromomethane (methyl bromide)	1,500	7.1	<1.0	<1.0
2-Butanone (methyl ethyl ketone)	23,000,000	4,900	<10	<10
n-Butylbenzene	None	None	<0.50	<0.50
sec-Butylbenzene	None	None	<0.50	11
tert-Butylbenzene	None	None	<0.50	1.1
Carbon disulfide	None	None	<0.50	<0.50
Carbon tetrachloride	4.8	0.50	<0.50	<0.50
Chlorobenzene	None	70	<0.50	<0.50
Chlorobromomethane (bromochloromethane)	None	None	<0.50	<0.50
Chlorodibromomethane (dibromochloromethane)	None	80	<0.50	<0.50
Chloroethane (ethyl chloride)	2,300,000	16	<1.0	<1.0
Chloroform	170	80	<0.50	<0.50
Chloromethane (methyl chloride)	13,000	130	<1.0	<1.0
2-Chlorotoluene	None	None	<0.50	<0.50
4-Chlorotoluene	None	None	<0.50	<0.50
Cumene (isopropylbenzene)	None	None	<0.50	8.8
Cymene (p-isopropyltoluene)	None	None	<0.50	<0.50
1,2-Dibromo-3-chloropropane	None	0.20	<2.0	<2.0
1,2-Dibromoethane (ethylene dibromide)	77	0.050	<0.50	<0.50
Dibromomethane (methylene bromide)	None	None	<0.50	<0.50
1,2-Dichlorobenzene	190	600	<0.50	<0.50
1,3-Dichlorobenzene	None	600	<0.50	<0.50
1,4-Dichlorobenzene	180	5.0	<0.50	<0.50
Dichlorodifluoromethane (Freon 12)	None	None	<1.0	<1.0
1,1-Dichloroethane (1,1-DCA)	None	5.0	<0.50	<0.50
1,2-Dichloroethane (1,2-DCA)	100	0.50	<0.50	<0.50
1,1-Dichloroethene (1,1-DCE)	16,000	6.0	<0.50	<0.50
cis-1,2-Dichloroethene (cis-1,2-DCE)	3,100	6.0	<0.50	<0.50

Table 3. Comparison of Groundwater Sampling Results to Environmental Screening Levels

Analyte	Residential ESLs		Groundwater Sampling Results	
	Vapor Intrusion	Drinking Water	IE-1-GW	IE-2-GW
	(µg/L)	(µg/L)	(µg/L)	(µg/L)
trans-1,2-Dichloroethene (trans-1,2-DCE)	14,000	10	<0.50	<0.50
Dichloromethane (methylene chloride)	2,600	5.0	<10	<10
1,2-Dichloropropane	140	5.0	<0.50	<0.50
1,3-Dichloropropane	None	None	<0.50	<0.50
2,2-Dichloropropane	None	None	<0.50	<0.50
1,1-Dichloropropene	None	None	<0.50	<0.50
cis-1,3-Dichloropropene	26	0.50	<0.50	<0.50
trans-1,3-Dichloropropene	26	0.50	<0.50	<0.50
Ethylbenzene	310	300	<0.50	1.9
Hexachlorobutadiene	None	0.86	<2.0	<2.0
2-Hexanone (methyl butyl ketone)	None	None	<10	<10
Methyl tert-butyl ether (MTBE)	9,900	5.0	0.60	1.7
4-Methyl-2-pentanone (methyl isobutyl ketone)	11,000,000	120	<10	<10
Naphthalene	160	6.1	<2.0	4.2
n-Propylbenzene	None	None	<0.50	3.9
Styrene	None	100	<0.50	<0.50
1,1,1,2-Tetrachloroethane	None	0.51	<0.50	<0.50
1,1,1,2-Tetrachloroethane	None	1.0	<0.50	<0.50
Tetrachloroethene (PCE)	63	5.0	<0.50	<0.50
Toluene	95,000	150	<0.50	<0.50
1,2,3-Trichlorobenzene	None	None	<0.50	<0.50
1,2,4-Trichlorobenzene	7,300	5.0	<0.50	<0.50
1,1,1-Trichloroethane (1,1,1-TCA)	720,000	200	<0.50	<0.50
1,1,2-Trichloroethane (1,1,2-TCA)	None	5.0	<0.50	<0.50
Trichloroethene (TCE)	130	5.0	<0.50	<0.50
Trichlorofluoromethane (Freon 11)	None	None	<1.0	<1.0
1,2,3-Trichloropropane	None	None	<0.50	<0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	None	None	<2.0	<2.0
1,2,4-Trimethylbenzene	None	None	<0.50	<0.50
1,3,5-Trimethylbenzene	None	None	<0.50	<0.50
Vinyl acetate	None	None	<10	<10
Vinyl chloride	1.8	0.50	<0.50	<0.50
m-, p-Xylene	37,000	1,800	<0.50	<0.50

Table 3. Comparison of Groundwater Sampling Results to Environmental Screening Levels

Analyte	Residential ESLs		Groundwater Sampling Results	
	Vapor Intrusion	Drinking Water	IE-1-GW	IE-2-GW
	(µg/L)	(µg/L)	(µg/L)	(µg/L)
o-Xylene	37,000	1,800	<0.50	<0.50

Notes:

- (1) Groundwater sampling results are compared to San Francisco Bay Regional Water Quality Control Board (RWQCB) groundwater Environmental Screening Levels (ESLs) for evaluation of potential vapor intrusion concerns (ESLs Table E-1) and drinking water concerns (ESLs Table F-3). Soil type is assumed to be fine-coarse mix, as recommended by RWQCB for San Francisco Bay Area sites.
- (2) Analytical results reported by Curtis & Tompkins Laboratories in Berkeley, California.

Definitions:

- µg/L = micrograms per liter
 <1.7 = Not detected at or above the laboratory reporting limit of 1.7 µg/L

Table 4. Comparison of Soil Gas Sampling Results to Environmental Screening Levels

Analyte	Residential ESLs		Soil Gas Sampling Results							
	Vapor Intrusion	IE-1-SG	IE-2-SG	IE-3-SG	IE-4-SG	IE-5-SG	IE-6-SG	IE-7-SG	IE-8-SG	
	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	
Acetone	16,000,000	13	<9.4	17	<8.1	22	31	20	32	
Acrolein	None	<9.4	<9.0	<9.2	<7.8	<17	<17	<19	<7.8	
Benzene	42	<3.3	<3.1	4.4	<2.7	<5.8	11	<6.5	5.0	
Benzyl chloride (alpha chlorotoluene)	None	<5.3	<5.1	<5.2	<4.4	<9.4	<9.5	<11	<4.4	
Bromodichloromethane	33	<6.8	<6.6	<6.7	<5.7	<12	<12	<14	<5.7	
Bromoform	None	<11	<10	<10	<8.8	<19	<19	<21	<8.8	
Bromomethane (methyl bromide)	2,600	<4.0	<3.8	<3.9	<3.3	<7.1	<7.1	<7.9	<3.3	
1,3-Butadiene	None	<2.3	<2.2	<2.2	<1.9	<4.0	<4.1	<4.5	<1.9	
2-Butanone (methyl ethyl ketone)	2,600,000	<3.0	<2.9	3.2	<2.5	<5.4	5.5	<6.0	7.9	
Carbon disulfide	None	32	100	18	<2.7	<5.7	<5.7	<6.3	12	
Carbon tetrachloride	29	<6.4	<6.2	<6.3	<5.4	<11	<12	<13	<5.4	
Chlorobenzene	520,000	<4.7	<4.5	<4.6	<3.9	<8.4	<8.5	<9.3	<3.9	
Chlorodibromomethane (dibromochloromethane)	None	<8.7	<8.4	<8.5	<7.3	<16	<16	<17	<7.3	
Chloroethane (ethyl chloride)	16,000,000	<2.7	<2.6	<2.6	<2.3	<4.8	<4.9	<5.4	<2.3	
Chloroform	230	<5.0	<4.8	<4.9	<4.2	<8.9	<9.0	<9.9	<4.2	
Chloromethane (methyl chloride)	47,000	<2.1	<2.0	<2.1	<1.8	<3.8	<3.8	<4.2	<1.8	
Cyclohexane	None	<3.5	<3.4	<3.4	<2.9	<6.3	8.1	<7.0	3.1	
1,2-Dibromoethane (ethylene dibromide)	17	<7.8	<7.6	<7.7	<6.6	<14	<14	<16	<6.6	
1,2-Dichlorobenzene	100,000	<6.1	<5.9	<6.0	<5.1	<11	<11	<12	<5.1	
1,3-Dichlorobenzene	None	<6.1	<5.9	<6.0	<5.1	<11	<11	<12	<5.1	
1,4-Dichlorobenzene	110	<6.1	<5.9	<6.0	<5.1	<11	<11	<12	<5.1	
Dichlorodifluoromethane (Freon 12)	None	<5.0	<4.9	<4.9	<4.2	<9.0	<9.1	<10	<4.2	
1,1-Dichloroethane (1,1-DCA)	760	<4.1	<4.0	<4.0	<3.5	<7.4	<7.4	<8.2	<3.5	
1,2-Dichloroethane (1,2-DCA)	58	<4.1	<4.0	<4.0	<3.5	<7.4	<7.4	<8.2	<3.5	
1,1-Dichloroethene (1,1-DCE)	100,000	<4.0	<3.9	<4.0	<3.4	<7.2	<7.3	<8.0	<3.4	
cis-1,2-Dichloroethene (cis-1,2-DCE)	3,700	<4.0	<3.9	<4.0	<3.4	<7.2	<7.3	<8.0	<3.4	
trans-1,2-Dichloroethene (trans-1,2-DCE)	31,000	<4.0	<3.9	<4.0	<3.4	<7.2	<7.3	<8.0	<3.4	
1,2-Dichloropropane	120	<4.7	<4.6	<4.6	<4.0	<8.4	<8.5	<9.4	<4.0	
cis-1,3-Dichloropropene	76	<4.6	<4.5	<4.5	<3.9	<8.3	<8.4	<9.2	<3.9	
trans-1,3-Dichloropropene	76	<4.6	<4.5	<4.5	<3.9	<8.3	<8.4	<9.2	<3.9	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon 114)	None	<7.1	<6.9	<7.0	<6.0	<13	<13	<14	<6.0	
Ethyl acetate	None	<3.7	<3.5	<3.6	<3.1	<6.6	<6.6	<7.3	<3.1	

Table 4. Comparison of Soil Gas Sampling Results to Environmental Screening Levels

Analyte	Soil Gas Sampling Results								
	Residential ESLs	IE-1-SG	IE-2-SG	IE-3-SG	IE-4-SG	IE-5-SG	IE-6-SG	IE-7-SG	IE-8-SG
	Vapor Intrusion ($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$)
Ethylbenzene	490	<4.4	<4.3	<4.3	<3.7	<7.9	<8.0	<8.8	<3.7
4-Ethyltoluene	None	<5.0	<4.8	<4.9	<4.2	<9.0	<9.0	<10	<4.2
Heptane	None	<4.2	<4.0	<4.1	<3.5	<7.5	<7.5	<8.3	4.4
Hexachlorobutadiene	None	<11	<11	<11	<9.1	<19	<20	<22	<9.1
Hexane	None	<3.6	<3.5	<3.5	<3.0	<6.4	<6.5	<7.2	<3.0
2-Hexanone (methyl butyl ketone)	None	<4.2	<4.0	<4.1	<3.5	<7.5	<7.5	<8.3	<3.5
Methyl tert-butyl ether (MTBE)	4,700	<3.7	<3.6	<3.6	<3.1	<6.6	<6.6	<7.3	<3.1
Methylene chloride	2,600	<3.5	<3.4	7.2	<3.0	<6.3	<6.4	<7.1	<3.0
4-Methyl-2-pentanone (methyl isobutyl ketone)	1,600,000	<4.2	<4.0	<4.1	<3.5	7.6	<7.5	13	7.8
Naphthalene	36	<21	<21	<21	<18	<38	<39	<43	<18
Styrene	470,000	<4.3	<4.2	<4.3	<3.6	<7.8	<7.8	<8.6	<3.6
1,1,2,2-Tetrachloroethane	21	<7.0	<6.8	<6.9	<5.9	<13	<13	<14	<5.9
Tetrachloroethene (PCE)	210	<6.9	<6.7	<6.8	<5.8	<12	<12	<14	<5.8
Tetrahydrofuran	None	<3.0	<2.9	<2.9	<2.5	<5.4	<5.4	<6.0	<2.5
Toluene	160,000	4.1	<3.7	4.1	<3.2	<6.9	7.8	<7.7	6.1
1,2,4-Trichlorobenzene	2,100	<7.6	<7.3	<7.4	<6.3	<14	<14	<15	<6.3
1,1,1-Trichloroethane (1,1,1-TCA)	2,600,000	<5.6	<5.4	<5.5	<4.7	<10	<10	<11	<4.7
1,1,2-Trichloroethane (1,1,2-TCA)	76	<5.6	<5.4	<5.5	<4.7	<10	<10	<11	<4.7
Trichloroethene (TCE)	300	<5.5	<5.3	<5.4	<4.6	<9.8	<9.9	<11	<4.6
Trichlorofluoromethane (Freon 11)	None	<5.7	<5.5	<5.6	<4.8	<10	<10	<11	<4.8
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	None	<7.8	<7.5	<7.7	<6.6	<14	<14	<16	<6.6
1,2,4-Trimethylbenzene	None	<5.0	<4.8	<4.9	<4.2	<9.0	<9.0	<10	<4.2
1,3,5-Trimethylbenzene	None	<5.0	<4.8	<4.9	<4.2	<9.0	<9.0	<10	<4.2
Vinyl acetate	None	<3.6	<3.5	<3.5	<3.0	<6.4	<6.5	<7.1	<3.0
Vinyl chloride	16	<2.6	<2.5	<2.6	<2.2	<4.7	<4.7	<5.2	<2.2
o-Xylene	52,000	<4.4	<4.3	<4.3	<3.7	<7.9	<8.0	<8.8	<3.7
m-,p-Xylene	52,000	<4.4	<4.3	<4.3	<3.7	<7.9	<8.0	<8.8	<3.7

Table 4. Comparison of Soil Gas Sampling Results to Environmental Screening Levels

Analyte	Residential ESLs	Soil Gas Sampling Results							
	Vapor Intrusion ($\mu\text{g}/\text{m}^3$)	IE-1-SG ($\mu\text{g}/\text{m}^3$)	IE-2-SG ($\mu\text{g}/\text{m}^3$)	IE-3-SG ($\mu\text{g}/\text{m}^3$)	IE-4-SG ($\mu\text{g}/\text{m}^3$)	IE-5-SG ($\mu\text{g}/\text{m}^3$)	IE-6-SG ($\mu\text{g}/\text{m}^3$)	IE-7-SG ($\mu\text{g}/\text{m}^3$)	IE-8-SG ($\mu\text{g}/\text{m}^3$)

Notes:

- (1) Soil gas sampling results are compared to San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs) for evaluation of potential vapor intrusion under residential land use (ESLs Table E-2). Health effects are carcinogenic (ca) and non-carcinogenic (nc).
- (2) Analytical results reported by Curtis & Tompkins Laboratories in Berkeley, California.

Definitions:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

<1.7 = Not detected at or above the laboratory reporting limit of 1.7 $\mu\text{g}/\text{m}^3$

Appendix A

Documentation of FOIA File Review

DRAFT

From: [Foott, Alicia, Env. Health](#) on behalf of [dehcupafilereview, Env. Health](#)
To: [Daniela Hamann-Nazaroff](#)
Subject: RE: File Request Oakland 94603
Date: Friday, October 23, 2015 3:51:44 PM
Importance: High

Thank you for contacting Alameda County Department of Environmental Health (ACDEH) Certified Unified Program Agency (CUPA) File Review Request:

We show no CUPA Hazmat records for the addresses you requested.

*Some LOP, LUFT/SLIC information may be available online.

<http://www.acgov.org/aceh/lop/ust.htm>

<http://www.acgov.org/MAPS/deh/InspectionResults/?SITE=LOP>

<http://geotracker.waterboards.ca.gov/>

Consider the following in making your request:

1. Make sure you have a Physical Site Address. (i.e. 1234 Burch Lane Oakland, CA 94603)
2. Only having directional information will limit the ability to locate the file you are looking for. (i.e. The location is by or on Burch Lane in Oakland CA)
3. None of the following are needed, and they do not assist in locating your file.
 - APN
 - Parcel Number
 - Longitude and Latitude information

A physical site address is needed to administer a search.

**Please note that ACDEH only has files for sites within its jurisdiction. Many cities within Alameda County are not part of ACDEH CUPA jurisdiction.

In those cases we advise that you try contacting that cities Fire or Planning Departments for any records.

Please view our Jurisdiction List:

<http://www.acgov.org/aceh/documents/CUPA-jurisdictions.pdf>

Our office makes files available by appointment only for review on Thursdays and Fridays from 9:00 AM until 12:00 noon.

If you have any other questions please call 510-567-6809

Best regards,

Alicia Foott

File Review Administrator, Hazmat CUPA

Alameda County Environmental Health

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502

Helpful Links:

File Review Request.

<http://www.acgov.org/aceh/hazard/cupa-file-review-request.htm>

Some LOP, LUFT/SLIC information may be available online.

<http://www.acgov.org/aceh/lop/ust.htm>

<http://www.acgov.org/MAPS/deh/InspectionResults/?SITE=LOP>

<http://geotracker.waterboards.ca.gov/>

Please view our Jurisdiction List:

<http://www.acgov.org/aceh/documents/CUPA-jurisdictions.pdf>

From: daniela@irisenv.com [mailto:daniela@irisenv.com]

Sent: Tuesday, October 20, 2015 11:56 AM

To: dehcupafilereview, Env. Health; zzzLetheridge, Jacquelyn 3/3/2015

Subject: File Request Oakland 94603

E-mail submitted from following website: CUPA_File_Request_Webpage

Name: Daniela Hamann-Nazaroff

EmailAddress: daniela@irisenv.com

Comments: I'm writing to request a file review for the following addresses in Oakland, CA: 9400 to 9502 International Boulevard 9400 to 9502 East 14th Street 1400 to 1430 94th Avenue 1 to 101 Oakland and San Leandro Road 9415 to 9418 Holly Street 1401 to 1429 96th Street



Request #12208

I'm writing to request a file review for the following addresses in Oakland, CA 94603

 9400 to 9502 International Boulevard

 9400 to 9502 East 14th Street

1400 to 1430 94th Avenue

1 to 101 Oakland and San Leandro Road

9415 to 9418 Holly Street

1401 to 1429 96th Street

...less

Response



We don't have the records you requested. We suggest you submit a public records request to Alameda County or the state of California. - Tracey A Chin ([/staff_card/1437](#))

18 hours ago



On the direction of CalEPA, the Oakland Fire Department's (OFD) status and functions regulating hazardous materials facilities as a Certified Unified Program Agency (CUPA) were transferred to Alameda County Dept. of Environmental Health (ACDEH), & OFD transferred all CUPA records to ACDEH on June 30, 2015. Please use this link for records or file review requests: <http://www.acgov.org/aceh/hazard/cupa-file-review-request.htm> - Tracey A Chin ([/staff_card/1437](#))

...less

18 hours ago



Hello, please specify the file you would like to review. Is it a building inspection, fire inspection, or hazardous materials inspection? Thank you. - Tracey A Chin (/staff_card/1437)

20 hours ago

 closed

Point of Contact

Tracey A Chin (/staff_card/1437)

Helpers

Rebecca Kozak

Received: Oct 20, 2015 at 12:16 PM

For more information about this application or instructions on how to get the app for your agency, view project info and documentation (<https://github.com/codeforamerica/recordtrac>).

Made by the Code for America 2013 Fellows (<http://www.codeforamerica.org/apps/recordtrac/>) with the City of Oakland



Request #12209

I am writing to request a file review for the following addresses in Oakland, CA 94603:

9400 to 9502 International Boulevard

9400 to 9502 East 14th Street

1400 to 1430 94th Avenue

1 to 101 Oakland and San Leandro Road

9415 to 9418 Holly Street

1401 to 1429 96th Street

...less

?

What type of files are you looking to review (Permits/Planning, Inspections, Nuisance, etc.)? -

Hi Amber, I'm doing a Phase I Environmental Site Assessment so I am interested in any documents of environmental importance including permits, planning, inspections, hazardous materials, etc. Thank you -
Requester

A week ago

Response



Dear Records Requester, I have just scanned and uploaded 15 pages of documents which staff from the City of Oakland's Department of Planning and Building believe to be responsive to your request. Please note that records older than 1987 will need to be reviewed here since they are on the microfiche. If you wish to view the older documents, please go to the Planning and Building Departments Office, 250 Frank Ogawa Plaza, 2nd Floor, Oakland, CA 94612. Please come during office hours Monday-Friday 830am-400pm. Having made all responsive materials available to you, the City of Oakland will consider your request closed. Thank you, - Amber Danielle-Rose Todd ([/staff_card/2895](#))

...less



Planning and Building Documents

(<http://documents.scribd.com.s3.amazonaws.com/docs/16b90uzeww4u2poh.pdf>)

(<https://www.scribd.com/doc/287288538>) - Amber Danielle-Rose Todd (/staff_card/2895)

6 days ago



On the direction of CalEPA, the Oakland Fire Department's (OFD) status and functions regulating hazardous materials facilities as a Certified Unified Program Agency (CUPA) were transferred to Alameda County Dept. of Environmental Health (ACDEH), & OFD transferred all CUPA records to ACDEH on June 30, 2015. Please use this link for records or file review requests: <http://www.acgov.org/aceh/hazard/cupa-file-review-request.htm> - Rebecca Kozak (/staff_card/1639)

...less

A week ago

closed

Point of Contact

Amber Danielle-Rose Todd (/staff_card/2895)

Helpers

Rebecca Kozak

Received: Oct 20, 2015 at 12:19 PM

For more information about this application or instructions on how to get the app for your agency, view project info and documentation (<https://github.com/codeforamerica/recordtrac>).

Made by the Code for America 2013 Fellows (<http://www.codeforamerica.org/apps/recordtrac/>) with the City of Oakland

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9400	INTERNATIONAL	BLVD	9809255	Abated	12/10/1998	2/16/2000	PARKING LOT, OLD FURNITURE, DEBRIS, HAS A FENCE W/ BLUE TARP AROUND OBSTRUCTING VIEW OF STREET AND SIDEWALK, CREATING HEALTH AND DRIVING
9400	INTERNATIONAL	BLVD	L006033	Lien Created	2/8/1999	2/8/1999	PAID BY COUNTY; PAYMENT ENTERED USING PTC221
9400	INTERNATIONAL	BLVD	L007432	Lien Created	9/1/1999	9/1/1999	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	L007736	Lien Created	9/22/1999	9/22/1999	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	L008045	Lien Created	11/9/1999	11/9/1999	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	L008565	Lien Created	12/8/1999	12/8/1999	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	L008840	Lien Created	1/11/2000	1/11/2000	PAID
9400	INTERNATIONAL	BLVD	2090	Closed	3/7/2000	12/13/2000	INOPERABLE VEHICLES; DEBRIS
9400	INTERNATIONAL	BLVD	L009267	Lien Created	3/8/2000	3/8/2000	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	L009511	Lien Created	4/5/2000	4/5/2000	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	7273	Closed	7/17/2000	12/13/2000	PROVIDE ONE (32) GALLON GARBAGE CAN SERVICE
9400	INTERNATIONAL	BLVD	L010793	Lien Created	8/26/2000	8/26/2000	PER COUNTY CUMULATIVE DELIQUENT 063010 REPORT DLR 04/07/11
9400	INTERNATIONAL	BLVD	11175	Abated	12/13/2000	1/3/2001	STORAGE OF DUMP TRUCKS, FURNITURE, TRASH & DEBRIS IN PARKING LOT ABANDONED CARS ON PROPERTY ALSO
9400	INTERNATIONAL	BLVD	100975	Abated	2/7/2001	4/12/2001	PARKING LOT BLIGHTED W/DISABLED BUSES, AUTOS, TRASH & DEBRIS
9400	INTERNATIONAL	BLVD	DET08069	TBD	10/2/2008		NOFA letter for 80 affordable housing units.
9400	INTERNATIONAL	BLVD	ZP090046	TBD	6/4/2009		Zoning pre-application for 54 affordable multi-family units. Also 3000 sf of ground floor retail. Community space and offices for services, as well.
9400	INTERNATIONAL	BLVD	DET09082	TBD	10/12/2009		NOFA letter for 54 affordable housing units.
9400	INTERNATIONAL	BLVD	DV11008	Extended	1/14/2011	12/29/2014	Proposal to demolish existing structures and develop a new 4 four story mixed use development with 59 dwelling units over ground floor commercial. Minor variance for minimum required parking for the ground floor commercial.
9400	INTERNATIONAL	BLVD	1100466	Closed	1/24/2011	9/25/2015	GARBAGE SERVICES DISCONTINUED ON PROPERTY.

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9400	INTERNATIONAL	BLVD	TPM10018	Extended	2/7/2011	3/14/2014	TPM for merging lots into one parcel. Proposal to demolish existing structures and develop a new 4four story mixed use development with 54 dwelling units over ground floor commercial. Minor variance for street side setback.
9400	INTERNATIONAL	BLVD	DET11074	TBD	11/3/2011		NOFA letter request for a proposed 59 unit mixed use develop ment
9400	INTERNATIONAL	BLVD	B1503686	Plan Routing - Completed	8/28/2015	9/15/2015	New construction of 59 residential units (54,016 s.f.) & 21,591 s.f. non-residential including 3500 s.f. commercial space. DV11-008 & TPM-10018
9400	INTERNATIONAL	BLVD	PM10018	Intake - Completed	9/2/2015	9/2/2015	PM for merging lots into one parcel. Proposal to demolish existing structures and develop a new four story mixed use development with 54 dwelling units over ground floor commercial. Minor variance for street side setback.
9400	INTERNATIONAL	BLVD	PX1500023	Intake - Completed	9/10/2015	9/16/2015	Public improvements consisting of 12" storm drain line & manhole; 4" & 6" sanitary sewer laterals; misc. Additional Bond/Inspection fees may be levied by PWA; encroachment application may be required. Re: New construction of 59 residential units (54,016 s.f.) & 21,591 s.f. non-residential including 3500 s.f. commercial space. DV11-008 & TPM-10018
9400	INTERNATIONAL	BLVD	PZ1500073	Plan Routing - Completed	9/15/2015	10/8/2015	On-site improvements for a new residential project at the corner of 94th Ave and International Blvd
9401	INTERNATIONAL	BLVD	P9701084	Final	6/18/1997	12/9/1997	gas test.
9401	INTERNATIONAL	BLVD	M9701097	Final	8/27/1997	12/9/1997	Type I hood and an evaporative cooler.
9401	INTERNATIONAL	BLVD	B9704216	Final	10/8/1997	12/16/1997	removing skylight & replacing with hood. frame in 1 hour wall
9401	INTERNATIONAL	BLVD	9806584	Closed	8/14/1998	11/17/2000	PROPERTY AT 9401 INTERNATIONAL BL: TRASH & DEBRIS & FURNITURE
9401	INTERNATIONAL	BLVD	2089	Abated	3/7/2000	5/15/2000	DETERIORATED WEATHER PROOFING; DAMAGED SIDING
9401	INTERNATIONAL	BLVD	200114	Abated	1/7/2002	3/12/2002	REMOVE TRASH, DEBRIS AND COUCH FROM DRIVEWAY AND MAINTAIN IN CLEANAND SANITARY CONDITION.
9401	INTERNATIONAL	BLVD	L016461	Lien Created	4/26/2002	4/26/2002	P/DONAHUE IMPROPER NOTIFICATION SEE OCT 02, MAC
9401	INTERNATIONAL	BLVD	206823	Open	8/9/2002		
9401	INTERNATIONAL	BLVD	P0402736	Expired	9/20/2004	4/26/2005	gas test
9401	INTERNATIONAL	BLVD	CGS050473	Permit Issued	11/9/2005	11/9/2005	repair s/w & d/w per NTR05-1055

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9401	INTERNATIONAL	BLVD	601423	Closed	3/18/2006	3/4/2009	TOUGH ON BLIGHT TASK FORCE - VACANT DILAPIDATED BUILDING.
9401	INTERNATIONAL	BLVD	900966	Abated	2/19/2009	7/13/2009	BOARDED UP FIRST FLOOR AREA.
9401	INTERNATIONAL	BLVD	B0902265	Final	6/29/2009	7/8/2009	Sheetrock work at commercial space. #0900966.
9401	INTERNATIONAL	BLVD	P0901392	Final	7/7/2009	7/8/2009	Plumbing for shower in dwelling unit.
9401	INTERNATIONAL	BLVD	ZC101665	Approved	7/19/2010	7/19/2010	General Retail Sales Commercial - Thrift Shop
9401	INTERNATIONAL	BLVD	1107540	Abated	12/13/2011	1/9/2012	UNPERMITTED MERCHANDISE DISPLAY ILLEGALLY ENCROACHING INTO THE PUBLIC-RIGHT-OF-WAY (SIDEWALK AREA OF INTERNATIONAL BL.)
9401	INTERNATIONAL	BLVD	1201651	No Violation Found	4/16/2012	5/9/2012	UNPERMITTED MERCHANDISE DISPLAY ILLEGALLY ENCROACHING INTO THE PUBLIC-RIGHT-OF-WAY (SIDEWALK AREA OF INTERNATIONAL BL.)
9401	INTERNATIONAL	BLVD	1302874	Abated	5/28/2013	7/16/2013	APPROVED ACTIVITY IS GENERAL RETAIL. COMPLAINT IS ACTIVITY IS CARSTERO INSTALLATION AND MERCHANDISE/REPAIR ON SIDEWALK AND OR STREET
9401	INTERNATIONAL	BLVD	1304288	Closed	8/23/2013	12/20/2013	TRASH, DEBRIS, SHOPPING CARTS ON BUILDING AND ON SIDEWALK,SQUATTERS ON PROPERTY AND CRIMINAL ACTIVITY.
9401	INTERNATIONAL	BLVD	1306044	Abated	12/20/2013	1/23/2014	UNSECURED VACANT BUILDING W/ TRASH, DEBRIS, SHOPPING CARTS IN FRONT,SQUATTERS ON PROPERTY AND CRIMINAL ACTIVITY.
9401	INTERNATIONAL	BLVD	1403435	No Violation Found	9/19/2014	9/22/2014	TRASH, DEBRIS , MATTRESSES, MISC FURNITURE, SQUATTERS ARE USING BUCKETS AS BATHROOMS,
9406	INTERNATIONAL	BLVD	103171	Violation Verified	9/23/2001	4/20/2001	VACANT LOT-OVERGROWN W/WEEDS AND GRASS
9409	INTERNATIONAL	BLVD	9706516	Closed	9/19/1997	7/19/1999	COMMERICAL SPACE DIVIDED WITHOUT PERMITS AND DWELLING UNITS MAY NOT BELEGAL. SANBORN MAP DOES NOT SHOW DWELLING UNITS
9409	INTERNATIONAL	BLVD	Y9700120	Expired	9/29/1997	9/30/1997	METER RESET
9409	INTERNATIONAL	BLVD	9912686	Abated	12/10/1999	1/3/2000	DETERIORATED & DANGEROUS AWNING
9409	INTERNATIONAL	BLVD	2076	Abated	3/7/2000	4/6/2000	STORING ITEMS ON STREET
9409	INTERNATIONAL	BLVD	ZC030718	Approved	3/10/2003	3/10/2003	COMMUNITY ASSEMBLY CIVIC ACTIVITIES (NON-PROFIT)
9409	INTERNATIONAL	BLVD	403307	Open	6/22/2004		BILLBOARD DISPLAYED AT THIS LOCATION W/OUT PERMITS

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9409	INTERNATIONAL	BLVD	FC04046	Expired	11/3/2004	4/21/2006	Pushcart Vendor Program: "KNG Top Dogz" not in dist 5; 9409 International Blvd. New permit valid to 11/04/05; Commissary: Relly's Hot Dogs,1915 Fairway Dr,San Leandro,Ca 94577. B/T#3150224 Exp 12/31/04; H/P#5-6060 Exp 9/06/05.
9409	INTERNATIONAL	BLVD	601422	Open	3/18/2006		TOUGH ON BLIGHT TASK FORCE - VACANT AND DILAPIDATED.
9409	INTERNATIONAL	BLVD	1305387	Abated	10/31/2013	11/5/2013	VACANT, UNSECURED, TRASH & DEBRIS.
9409	INTERNATIONAL	BLVD	T1300083	Approved	11/27/2013	11/27/2013	tree preservation permit of 5 street trees
9409	INTERNATIONAL	BLVD	RB1400780	Issued	3/17/2014	6/25/2014	Demolish 5000 s.f. building.
9415	INTERNATIONAL	BLVD	B9704078	Expired	9/30/1997	5/7/1998	new (hot dog) cafe
9415	INTERNATIONAL	BLVD	9808879	Open	11/23/1998		TRASH & DEBRIS
9415	INTERNATIONAL	BLVD	3687	Open	4/22/2000	4/20/2000	MIXED COMMERCIAL; LIQUOR SALES & 2ND FLOOR UNITS. BUILDING IN POORREPAIR.
9415	INTERNATIONAL	BLVD	707968	Closed	10/19/2007	2/4/2009	PUBLIC NUISANCE
9415	INTERNATIONAL	BLVD	1305388	Abated	10/31/2013	11/5/2013	VACANT, UNSECURED, TRASH & DEBRIS.
9415	INTERNATIONAL	BLVD	DR13331	Approved	11/27/2013	5/21/2014	Demo of structures on 9409, 9415, 9431 and 9437 Internationa l.
9415	INTERNATIONAL	BLVD	B1400434	Issued	3/17/2014	6/25/2014	Demolish 4000 s.f. building.
9417	INTERNATIONAL	BLVD	9808870	Open	11/23/1998		TRASH & DEBRIS
9417	INTERNATIONAL	BLVD	3734	Violation Verified	4/24/2000	4/18/2000	DEBERIS ; INOPERABLE VEHICLES
9419	INTERNATIONAL	BLVD	9808871	Open	11/23/1998		TRASH & DEBRIS
9419	INTERNATIONAL	BLVD	DET06128	TBD	10/26/2006		DET for NOFA letter
9423	INTERNATIONAL	BLVD	9808873	Open	11/23/1998		TRASH & DEBRIS
9423	INTERNATIONAL	BLVD	2077	Abated	3/7/2000	6/12/2000	WEEDS; COMMERCIAL VEHICLES
9423	INTERNATIONAL	BLVD	L010151	Lien Created	6/14/2000	6/14/2000	P/STEWART OWNER IN COMPLIANCE PRIOR TO FEES SEE JUNE 2K,MAC
9423	INTERNATIONAL	BLVD	906542	No Violation Found	11/4/2009		CATERING TRUCK OPERATING W/O VALID PERMIT
9423	INTERNATIONAL	BLVD	1305389	Closed	10/31/2013	11/5/2013	TRASH & DEBRIS, OVERGROWN VEGETATION.
9424	INTERNATIONAL	BLVD	9802766	Open	4/21/1998		BUSINESS BEING USED AS A RESIDENT
9424	INTERNATIONAL	BLVD	9907064	Violation Verified	7/2/1999	7/8/1999	TRASH & DEBRIS IN REAR YARD. 10/23/00 INSANITARY-TOILETS DO NOT WORKKITCHEN IS NOT CLEAN SPECIFICALLY THE FLOORS.CALL DAVE - 682-7246
9424	INTERNATIONAL	BLVD	SL990561	Final	7/27/1999	7/28/1999	repair bldg sewer - needs caltrans permit approved 7-27-99

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9424	INTERNATIONAL	BLVD	3414	Abated	4/14/2000	5/4/2000	TRASH, DEBRIS AT PAINT CANS IN REAR YARD
9424	INTERNATIONAL	BLVD	SL000878	Final	9/22/2000	10/18/2000	
9424	INTERNATIONAL	BLVD	105666	Violation Verified	7/2/2001	8/20/2001	VACANT LOT DIRECTLY BEHIND 9424 INTERNATIONAL HAS SEVEN ABANDONEDAUTOMOBILES
9424	INTERNATIONAL	BLVD	107837	Abated	9/13/2001	10/9/2001	IILEGAL ELECTRICAL HOOK-UP, SHOWER STALL LEAKING, STAIR BOARD LOOSE ANDS CRACK, NO GARGAGE PICK-UP
9424	INTERNATIONAL	BLVD	300670	Abated	1/30/2003	2/10/2003	SEWAGE LEAKS UP INTO BATHROOM, PLUMBING PROBLEMS IN KITCHEN, GENERALLYVERY UNSANITARY CONDITIONS
9424	INTERNATIONAL	BLVD	401728	Abated	4/8/2004	8/16/2004	GAS LEAK, UNSANITARY INTERIOR AND EXTERIOR/ILLEGAL COMM KITCHEN
9424	INTERNATIONAL	BLVD 4	402039	Abated	4/23/2004	8/10/2004	TRASH & DEBRIS; DISCARDED FURNITURE ON EXTERIOR; NO FIRE DETECTORS OREXTINGUISHERS, BATHROOM HAS MOLD & MILDEW/ BAD WIRING
9424	INTERNATIONAL	BLVD	B0402271	Expired	5/25/2004	1/28/2005	Remove non-permitted stove. Abate complaint #0401728
9424	INTERNATIONAL	BLVD	M0401418	Expired	7/9/2004	1/28/2005	Mechanical - remove gas piping to source, gas range and Type 1 Hood.
9424	INTERNATIONAL	BLVD	L022127	Lien Created	9/22/2004	9/22/2004	
9424	INTERNATIONAL	BLVD	ZC051764	Approved	6/7/2005	6/7/2005	Semi transient residential activity
9424	INTERNATIONAL	BLVD	506440	Violation Verified	11/14/2005	11/15/2005	PASTOR JAMES GRANT IS CHARGING PEOPLE TO STAY AT THE FACILITY.TRASH, RATS,MAGGOTS, DOORS NAILED SHUT - UNISANITARY ENVIRONMENT
9424	INTERNATIONAL	BLVD	B0505356	Expired	11/17/2005	7/28/2006	bathroom/kitchen repair, alteration, remodel #0506440
9424	INTERNATIONAL	BLVD	601852	Violation Verified	3/31/2006	12/15/2006	NO HEAT, TRASH, WINDOW DON'T OPEN
9424	INTERNATIONAL	BLVD	800813	Abated	1/26/2008	3/1/2008	GRAFITTI
9425	INTERNATIONAL	BLVD	107621	Violation Verified	9/4/2001	8/10/2001	DEBRIS
9426	INTERNATIONAL	BLVD	9807840	Open	10/7/1998		NO PERMITS/NO PLANS
9426	INTERNATIONAL	BLVD	7271	Open	7/17/2000		PROVIDE ONE (32) GALLON GARBAGE CAN SERVICE.
9426	INTERNATIONAL	BLVD	B0200176	Final	1/14/2002	3/1/2002	Apartments--Rehab. existing units. Replace roof.
9426	INTERNATIONAL	BLVD	E0200224	Final	1/18/2002	3/1/2002	Apartments--ELECTRICAL Rehab. existing units.
9426	INTERNATIONAL	BLVD	P0200174	Final	1/18/2002	3/1/2002	Apartments--PLUMBING Rehab. existing units.
9427	INTERNATIONAL	BLVD	9808875	Open	11/23/1998		TRASH & DEBRIS
9428	INTERNATIONAL	BLVD	B9704335	Expired	10/15/1997	5/7/1998	Repair sheetrock, repair bathroom, kitchens, new fixtures on 5 apts. and office space as documented. Separate permit required for sixth unit.

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Address			Record #	Status	Filed Date	Status Date	Description
9428	INTERNATIONAL	BLVD	E9703102	Expired	10/23/1997	5/7/1998	Electrical - replace fixtures, etc.
9428	INTERNATIONAL	BLVD	P9701891	Expired	10/23/1997	5/7/1998	Plumbing - replace fixtures.
9428	INTERNATIONAL	BLVD	9809247	Intake - Completed	12/10/1998		TRASH AND DEBRIS (WEEDS,RODENTS,VEHICLE,PLUS...) AT REAR ENCLOSED YARD-SEE F24 SCREEN
9428	INTERNATIONAL	BLVD	9903255	No Violation Found	4/7/1999	4/7/2000	REHAB WORK ON THE BUILDING WITHOUT PERMITS. OCCUPIED WITHOUT C.O.
9428	INTERNATIONAL	BLVD	ZC021625	Approved	6/17/2002	6/17/2002	retail sales from existing storefront
9428	INTERNATIONAL	BLVD	ZC080324	Approved	2/6/2008	2/6/2008	ZONING CLEARANCE FOR HEALTH CARE CIVIC: NON-PROFIT CENTER TO EDUCATE FOSTER TEENS AND RECRUIT FOSTER/ADOPTIVE PARENTS.
9430	INTERNATIONAL	BLVD	ZC052039	Approved	7/6/2005	7/6/2005	Zoning Clearance for business license for General Retail Sales Commercial Activity (furniture store)
9431	INTERNATIONAL	BLVD	9808876	Open	11/23/1998		TRASH & DEBRIS
9431	INTERNATIONAL	BLVD	4553	Abated	5/12/2000	6/12/2000	DEBRIS; NO GARBAGE SERVICE
9431	INTERNATIONAL	BLVD	206824	Open	8/9/2002		
9431	INTERNATIONAL	BLVD	ZC030040	Approved	1/6/2003	1/6/2003	retail sales
9431	INTERNATIONAL	BLVD	FV03010	Revoked	10/14/2003	10/14/2003	Vehicular Food Vendor"A's de Oros" (new vendor/operator) Replaces FV01026 - Commissary is "Mariscos Manzanillo" health permit 4-5221 --- 10/2003-10/2004. Renew 6/15/05
9431	INTERNATIONAL	BLVD	ZC032808	Approved	10/14/2003	10/14/2003	fast food sales (mobile food vendor permit) (old permit # fv01026)
9431	INTERNATIONAL	BLVD	ZC041270	Approved	4/26/2004	4/26/2004	Zoning Clearance for business license for new Community Assembly Civic Activity (non-profit social club/lodge/ meeting hall for women) in existing building
9431	INTERNATIONAL	BLVD	405463	Closed	10/15/2004	1/31/2008	GENERAL NUISANCE
9431	INTERNATIONAL	BLVD	ZC051192	Approved	4/15/2005	4/15/2005	fast food sales (mobile food vendor permit) (old permit # fv01026) CHANGE OF OWNERSHIP
9431	INTERNATIONAL	BLVD	FV05062	Expired	6/27/2005	5/10/2006	Vehicular Food Vendor"A's de Oros" Valid to 5/10/05 Commissary is "Mariscos Manzanillo" 5401 International Blvd. B/T #3226654 12/31/05; H/P#5-6116 07/31/05.
9431	INTERNATIONAL	BLVD	FV09079	Expired	12/11/2009	10/17/2010	Vehicular Food Vendor"A's de Oros" **Expires:12/12/10** Commissary is "Mariscos Manzanillo" 5401 International Blvd. B/T #3226654 12/31/09; H/P#10-6116 07/31/10.
9431	INTERNATIONAL	BLVD	1305390	Abated	10/31/2013	11/5/2013	VACANT, UNSECURED, TRASH & DEBRIS.
9431	INTERNATIONAL	BLVD	B1400435	Issued	3/17/2014	6/25/2014	Demolish 3162 s.f. building. J #4f398

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Address			Record #	Status	Filed Date	Status Date	Description
9434	INTERNATIONAL	BLVD	B0005423	Final	11/22/2000	11/21/2002	Repair commercial space - sheetrock, etc.
9434	INTERNATIONAL	BLVD	E0004134	Expired	11/22/2000	2/8/2002	Temp power/Repair commercial space - sheetrock, etc.
9434	INTERNATIONAL	BLVD	E0100010	Final	1/2/2001	11/13/2002	Upgrade electrical service to 100amps and install fixtures.
9434	INTERNATIONAL	BLVD	P0100808	Final	3/16/2001	8/9/2002	Plumbing for accessible restrooms.
9434	INTERNATIONAL	BLVD	B0103379	Final	7/26/2001	11/21/2002	Facade improvement/upgrade & create accessible entrances. Replace foundation (add as of 8-6-01)
9434	INTERNATIONAL	BLVD	B0303984	Expired	8/11/2003	10/18/2006	T.I. OF AN EXISTING RESTAURANT
9434	INTERNATIONAL	BLVD	P0302403	Final	8/11/2003	9/16/2005	Plumbing/T.I. - RESTAURANT
9434	INTERNATIONAL	BLVD	M0301512	Final	8/11/2003	9/16/2005	Mechanical/T.I. - RESTAURANT
9434	INTERNATIONAL	BLVD	E0302975	Expired	8/11/2003	1/28/2005	Electrical/T.I. - RESTAURANT
9434	INTERNATIONAL	BLVD	CGS030437	Permit Issued	12/5/2003	12/5/2003	Sidewalk replacement for elec. conduit/ T.I. OF AN EXISTING restaurant
9434	INTERNATIONAL	BLVD	P0402778	Expired	9/22/2004	7/28/2006	WALK IN COOLER FOR THE RESTAURANT AND A WATER HEATER FOR THE BEAUTY SALON
9434	INTERNATIONAL	BLVD	E0501052	Final	3/25/2005	8/18/2005	Electrical/T.I. - RESTAURANT started under E0302975
9434	INTERNATIONAL	BLVD	M0500605	Final	3/25/2005	9/16/2005	Mechanical/T.I. - RESTAURANT started under M0301512
9434	INTERNATIONAL	BLVD	ZC071307	Approved	5/21/2007	5/21/2007	Zoning clearance for general food sales for a restaurant. In an existing building built in 1910 and approx. 2,500 for the restaurant.
9434	INTERNATIONAL	BLVD	800812	Abated	1/26/2008	3/1/2008	GRAFITTI
9434	INTERNATIONAL	BLVD	804365	Abated	6/19/2008	1/6/2009	NO GARBAGE SERVICE, OPEN STORAGE AT REAR, SIGNS ON SIDEWALK. UPDATE TO 10/14/08 TRASH AND DEBRIS REMAINS AT REAR OF BUILDING.
9434	INTERNATIONAL	BLVD	E1000654	Final	3/3/2010	3/4/2010	Meter reset
9437	INTERNATIONAL	BLVD	9912104	Abated	11/18/1999	6/10/2000	OVERGROWTH; DEBRIS; INADEQUATE GARBAGE SERVICE DEBRIS WEEDS
9437	INTERNATIONAL	BLVD	P9903132	Final	12/21/1999	1/4/2000	1 water heater, gas test.
9437	INTERNATIONAL	BLVD	CGS000144	Permit Issued	4/12/2000	4/12/2000	repair sidewalk on 95th av off international bl
9437	INTERNATIONAL	BLVD	L010030	Lien Created	5/23/2000	5/23/2000	
9437	INTERNATIONAL	BLVD	208931	Violation Verified	10/29/2002	10/24/2002	TRASH, DEBRIS, WEEDS & RV'S WITH CORDS FEEDING POWER. REMOVE ALL VIOLATIONS MAINTAIN YARDS CLEAN STORE RV'S OFF SITE UNATTENDED IN STORAGE.
9437	INTERNATIONAL	BLVD	801761	No Violation Found	3/10/2008		REPLACING EXTERIOR STUCCO WITHOUT PERMITS

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Address			Record #	Status	Filed Date	Status Date	Description
9437	INTERNATIONAL	BLVD	1203589	Open	7/23/2012		REAR YARD HAS OVERGROWN VEGETATION AND GARBAGE/TRASH
9437	INTERNATIONAL	BLVD	1305391	Abated	10/31/2013	11/5/2013	VACANT, UNSECURED, TRASH & DEBRIS.
9437	INTERNATIONAL	BLVD	B1400436	Plan Review Completed	3/17/2014	6/26/2014	Demolish 2712 s.f. building. J#4F398
9440	INTERNATIONAL	BLVD	X1202327	Permit Issued	10/31/2012	11/2/2012	Coring/boring along International Bl from 94th to 105th Ave. See loc map. A/C Transit BRT project. Call PWA PRE-CON prior to start work: 510-238-3651. AGS Inc./Maryam Veisi, (415)777-2166 is the lead consultant on this project. Cal-West Concrete Cutting Inc., License# 320029 is responsible for the coring portion of the project; Geo - Ex Drilling, License# 954267 is responsible for boring portion.
9440	INTERNATIONAL	BLVD	OB121000	Permit Issued	11/1/2012	11/2/2012	Divert traffic, reserve parking as needed in phases along International Bl from 94th to 105th Ave. See loc map. A/C Transit BRT project. AGS Inc./Maryam Veisi, (415)777-2166 is the lead consultant on this project. Cal-West Concrete Cutting Inc., License# 320029 is responsible for the coring portion of the project; Geo - Ex Drilling, License# 954267 is responsible for boring portion.
9442	INTERNATIONAL	BLVD	B0305840	Final	12/15/2003	6/4/2004	interior demo. soft demo.,no structural changes not for occupancy. T.I.floor plan to come
9442	INTERNATIONAL	BLVD	B0400467	Expired	1/29/2004	7/28/2006	Tenant improvement of substance abuse treatment center
9442	INTERNATIONAL	BLVD	P0400343	Final	1/29/2004	3/23/2005	Tenant improvement of substance abuse treatment center
9442	INTERNATIONAL	BLVD	M0400244	Final	1/29/2004	3/23/2005	Tenant improvement of substance abuse treatment center
9442	INTERNATIONAL	BLVD	E0400415	Expired	1/29/2004	7/28/2006	tenant improvement of substance abuse treatment center
9442	INTERNATIONAL	BLVD	E0400887	Final	3/4/2004	3/21/2005	Replace existing sub panels
9442	INTERNATIONAL	BLVD	ZC042656	Approved	9/16/2004	9/16/2004	Establish a medical service office. Activities include gen- eral medical services, mental health services, substance abus outpatient treatment. Needle exchange not permitted or proposed as a part of this office. Activities classified as a Medical Service activity-- permitted in C-40 and Neighbor- hood Center Mixed Use.

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9442	INTERNATIONAL	BLVD	ZC141182	Approved	5/7/2014	5/7/2014	Continuation of existing and on going medical service office. Activities include gen- eral medical services, mental health services, substance abuse outpatient treatment. Needle exchange not permitted or proposed as a part of this office. (previous Zoning under ZC042656) Activities classified as,hood Center Mixed Use.,a Medical Service activity--permitted in C-40 and Neighbor- Business Name is Lifeline Treatment Service inc.
9502	INTERNATIONAL	BLVD	ZC033181	Approved	12/1/2003	12/1/2003	Establish a medical service office. Activities include gen- eral medical services, mental health services, substance abus outpatient treatment. Needle exchange not permitted or proposed as a part of this office. Activities classified as a Medical Service activity--permitted in C-40 and Neighbor- hood Center Mixed Use.
9400	E 14TH	ST	B8802461	Final	6/6/1988	12/5/1988	TENANT IMPROVEMENT
9400	E 14TH	ST	E8802267	Final	7/8/1988	10/7/1988	RETAIL SPACE ALTERATION
9400	E 14TH	ST	E8802390	Final	7/19/1988	7/27/1988	TEMPORARY POWER
9400	E 14TH	ST	P8802715	Final	7/25/1988	11/1/1988	T.I. AUTO PARTS
9400	E 14TH	ST	P8803121	Final	8/22/1988	9/29/1988	
9400	E 14TH	ST	M8801000	Final	8/24/1988	10/17/1988	
9400	E 14TH	ST	S8800141	Expired	9/2/1988	8/2/1990	NEW NON-ELECTRICAL POLE SIGN
9400	E 14TH	ST	S8800142	Expired	9/2/1988	4/15/1992	NEW ELECTRICAL WALL SIGN
9400	E 14TH	ST	E8803159	Final	9/22/1988	12/27/1988	INSTALL 3 SIGNS
9400	E 14TH	ST	E8803160	Final	9/22/1988	12/27/1988	INSTALLINT 1 ELECTRIC FREESTANDING SIGN
9400	E 14TH	ST	9500764	Closed	9/26/1994	11/17/1994	HBS42136:INSPECTED(OLD KRAGEN AUTO PARTS BLDG)BLDG VACANT,YARD FENCEDHOWEVER T&D HAVE BEEN DUMPED OVER FENCE,WEEDS IN PARKING AREA
9400	E 14TH	ST	9403198	Closed	9/26/1994	7/19/1999	HBS42136
9400	E 14TH	ST	9502043	Closed	10/5/1994	11/17/2000	ABANDONED BANK TRASH AND DEBRIS
9400	E 14TH	ST	B9500138	Expired	1/13/1995	2/22/1996	PREP DEMO FOR TI
9400	E 14TH	ST	B9500139	Final	1/13/1995	2/1/1995	REMOVE PARTITIONS. CLEAN UP. PREP FOR TENANT
9400	E 14TH	ST	9808187	Open	10/23/1998		T AND D

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9400	E 14TH	ST	804362	Abated	6/19/2008	3/12/2009	GRAFFITI, RAZOR WIRE, MAINTENANCE CODE VIOLATIONS. UPDATE TO 10/14/08UNAPPROVED ELECTRICLA WORK AT REAR INTERIOR OF BUILDING
9400	E 14TH	ST	9703109	Open	1/18/2014		CREATED 05/29/97 FROM DBASE #2810, TYPE=R
9401	E 14TH	ST	9807066	Closed	9/1/1998	11/19/1998	IN THE REAR OF THE ABOVE ADDRESS THERE'S AN OPEN LOT WITH A LOT OF DEBRIS.
9409	E 14TH	ST	9803922	Closed	5/20/1998	11/17/2000	TRASH & DEBRIS, WEEDS
9409	E 14TH	ST	1400381	Pending Investigation	2/5/2014	2/5/2014	Abandoned & deteriorated
9410	E 14TH	ST	E8704339	Expired	10/5/1987	7/19/1989	
9410	E 14TH	ST	9403199	Closed	10/3/1994	7/19/1999	SB42324
9415	E 14TH	ST	9808865	Closed	11/23/1998	1/29/1999	T AND D AT REAR
9415	E 14TH	ST	1400382	Pending Investigation	2/5/2014	2/5/2014	Abandoned & Deteriorated Structure
9417	E 14TH	ST	9503722	Closed	6/13/1995	1/7/1998	CEILING HAS WATER SPOTS FROM RAINY SEASON CRACKING.
9417	E 14TH	ST	9706907	Closed	10/3/1997	1/7/1998	LEAKING/ROOF LEAKING KEEPING REPAIRING AND NOT FIXED PROPELY
9424	E 14TH	ST	9100386	Abated	6/11/1991	8/28/1991	REST ROOM REAR OF COMMERCIAL BLD.ING NO PERMIT
9424	E 14TH	ST	B9103633	Expired	7/18/1991	6/23/1992	ADD BATH
9424	E 14TH	ST	E9102384	Final	8/14/1991	9/18/1991	ADD ON BAHTROOM REMODLE
9424	E 14TH	ST	P9102204	Expired	8/14/1991	6/23/1992	NEW BATH ROOM
9424	E 14TH	ST	9705721	Closed	8/7/1997	7/16/1999	DRUG AND ALCOHOL RECOVERY FACILITY WITH NUMEROUS CODE VIOLATIONS. SEEATTACHED CORRESPONDENCE.
9424	E 14TH	ST	9801575	Closed	3/25/1998	11/17/2000	OFFICE SPACE IS BEING USED AS A SHELTER. A MAN POSING AS A REVERENDCHARGES FAMILIES \$200.00 PER FAMILY TO STAY THERE AND THEN DOES NOT PA
9424	E 14TH	ST	10001	No Violation Found	10/25/2000		TOILET DOES NOT WORK;FLOOR ARE DIRTY;VERY UNSANITARY
9426	E 14TH	ST	#E Y9000389	Final	9/21/1990	10/3/1990	METER RESET
9426	E 14TH	ST	9902544	Open	3/22/1999		WORK BEING DONE WITHOUT PEMITS
9428	E 14TH	ST	9403200	Closed	10/25/1994	7/19/1999	H42800
9428	E 14TH	ST	9502484	No Violation Found	4/18/1995	8/1/1993	ROACHES, RATS, NO HEAT, ELECTRICAL EXTENTION CORDS RUN-NING ALL OVER THE PLACE.
9428	E 14TH	ST	9707117	Unverified	10/21/1997	1/12/2000	UPDATED P/N REINSPECTION: BLDG. REHABBED W/O PERMITS. ISSUED STOPORDER. OWNER NEEDS BLDG., ELECT., PLUMB., MECH. & ZONING.
9428	E 14TH	ST	L006534	Lien Created	5/17/1999	5/17/1999	

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9428	E 14TH	ST	L006727	Lien Created	6/7/1999	6/7/1999	
9428	E 14TH	ST	L007080	Lien Created	6/28/1999	6/28/1999	
9428	E 14TH	ST	L007173	Lien Created	6/29/1999	6/29/1999	
9428	E 14TH	ST	L007246	Lien Created	7/26/1999	7/26/1999	
9428	E 14TH	ST	L007399	Lien Created	9/1/1999	9/1/1999	
9428	E 14TH	ST	L009018	Lien Created	1/26/2000	1/26/2000	
9428	E 14TH	ST	L010470	Lien Created	7/12/2000	7/12/2000	
9431	E 14TH	ST	B8705020	Expired	10/9/1987	4/15/1992	BUILD FRONT BRICK FACING - RESTORE WINDOW OPENG ADD SKYLIGHT
9431	E 14TH	ST	E8903445	Final	10/17/1989	11/15/1989	REPLACE FIRE DAMAGE SUB FEED
9431	E 14TH	ST	B9002833	Expired	6/5/1990	12/29/1992	FIRE REPAIR WITH STUCCO REPLACE SIDING
9431	E 14TH	ST	E9003303	Final	9/28/1990	11/5/1990	INSTALL NEW OUTLETS,SWITCHES AND LIGHTS FOR RENTAL BUILDING
9431	E 14TH	ST	B9101385	Expired	3/25/1991	11/18/1992	TO REPLACE AN MARQUEES ON FT OF EXISTING BLDG
9431	E 14TH	ST	E9101163	Final	4/10/1991	7/3/1991	6 RECESS LIGHTS IN NEW CANOPY
9431	E 14TH	ST	Y9300090	Final	5/20/1993	5/25/1993	METER RESET
9431	E 14TH	ST	1400383	Pending Investigation	2/5/2014	2/5/2014	Abandoned & deteriorated structure
9437	E 14TH	ST	E9003849	Expired	11/8/1990	11/30/1992	PLUGS AND SWITCHES LIGHT
9437	E 14TH	ST	B9005853	Expired	11/13/1990	4/15/1992	FIRE REPAIR
9437	E 14TH	ST	B9102413	Expired	5/15/1991	1/13/1993	STUCCO FT OF BLDG
9437	E 14TH	ST	9101001	Abated	12/26/1991	3/11/1992	FENCE OVER 6', ON PERMIT
9437	E 14TH	ST	ENMI96025	Closed	3/1/1996		encroach into the public right-of-way of e14th st with an el ectrical box. recorded: 4/19/93
9437	E 14TH	ST	1400384	Open	2/5/2014	2/5/2014	Abandoned & deteriorated structure/building
9442	E 14TH	ST	P9100276	Final	2/4/1991	2/6/1991	
9442	E 14TH	ST	Y9300225	Final	12/6/1993	12/8/1993	METER RESET
9500	E 14TH	ST	Y9100037	Final	1/14/1991	2/14/1991	METER RESET
9500	E 14TH	ST	E9100592	Final	2/19/1991	2/25/1991	REPAIR FIXTURES
1423	94TH	AVE	#A Y9200139	Expired	1/22/1992		METER RESET
1423	94TH	AVE	9504537	Abated	7/27/1995	3/14/2000	CARDBOARD DOOR WATER LEAKING WINDOWS BROKEN CARPET FILTHY STOVE AND OVEN DOESNT WORK
1423	94TH	AVE	Y9500199	Final	12/11/1995	12/12/1995	METER RESET

Permit/Complaint History ≈ 1987 - Current

Address				Record #	Status	Filed Date	Status Date	Description
1423	94TH	AVE	A	1676	Closed	2/23/2000	1/27/2011	CEILING LEAK LIVING ROOM & BEDROOM & WATER ENTERING LIGHT FIXTURE -BATH #1 SINK IS PLUGGED & TOILET NOT BOLT - BATH #2 TOILET IS PLUGGED
1423	94TH	AVE		L010137	Lien Created	6/14/2000	6/14/2000	SEE FILE - TAXES CURRENT
1423	94TH	AVE		L010282	Lien Created	6/28/2000	6/28/2000	SEE FILE - TAXES CURRENT
1423	94TH	AVE		DRD000203	Approved	8/17/2000	8/17/2000	APPLICATION FOR A SPECIAL RESIDENTIAL DESIGN REVIEW TO CONST RUCT TWO STORY ROOM ADDITION TO EXISTING DUPLEX.
1425	94TH	AVE		E8803481	Final	10/17/1988	1/26/1989	NEW SERVICE METERS
1425	94TH	AVE		M8801295	Final	10/26/1988	2/2/1989	INSTALL NEW GAS METER
1425	94TH	AVE		M9301661	Expired	12/29/1993	8/16/1994	REPLACE FURNACE WITH NEW WALL FURNACE
1425	94TH	AVE		RB9504293	Expired	11/1/1995	6/10/1996	Replace wood paneling with sheetrock in one bedroom
1425	94TH	AVE		RE9503129	Expired	11/1/1995	6/10/1996	Change fuses to circuits in sub-panel change 2 fixtures
1425	94TH	AVE		9908598	Abated	8/10/1999	10/25/1999	OVERGROWN WEEDS, TRASH, DEBRIS IN REAR YARD
1425	94TH	AVE		9909341	Abated	8/24/1999	9/27/1999	PILE OF TRASH IN FRONT OF HOUSE
1425	94TH	AVE		RB0004609	Final	10/5/2000	9/14/2001	ADD 671S/F TO REAR OF BLDG (extend kitchen and add bedroom) AND REMOVE UNDOCUMENTED UNIT (2 bedrooms, 1 kitchen, 1 bath) ON UPPER PORTION OF BLDG. Remodel downstairs.
1425	94TH	AVE		10187	Abated	10/31/2000	1/30/2001	DEBRIS; DAMAGED FENCING
1425	94TH	AVE		RE0100307	Final	1/23/2001	9/14/2001	ELECTRICAL TO: ADD 671S/F TO REAR OF BLDG
1425	94TH	AVE		RP0100285	Final	1/23/2001	6/14/2001	PLUMBING TO: ADD 671S/F TO REAR OF BLDG
1425	94TH	AVE		RM0100145	Final	1/23/2001	6/14/2001	MECHANICAL TO: ADD 671S/F TO REAR OF BLDG
1425	94TH	AVE		L012860	Lien Created	3/6/2001	3/6/2001	
1425	94TH	AVE		109111	Abated	10/26/2001	11/26/2001	TRASH, DEBRIS & FURNITURE ON CURB LAWN
1425	94TH	AVE		205509	Abated	6/25/2002	8/28/2002	CERTIFICATE OF OCCUPANCY INSPECTION REQUESTED
1425	94TH	AVE		706445	Closed	8/14/2007	1/20/2011	OVERGROWN VEGETATION
1425	94TH	AVE		FB1000342	Issued	10/14/2010	12/6/2011	FORECLOSED AND VACANT BUILDING REGISTRATION. NEEDS BI-WEEKLY INSPECTIONS. (FVP88888887)

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
1425	94TH	AVE	SL1500882	Final	4/6/2015	4/15/2015	Repair/replace sewer lateral and EXCAVATE in PUBLIC RIGHT-OF-WAY. Overflow device may be needed. Permit valid 90 days. Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR.
1425	94TH	AVE	X1500762	Final	4/6/2015	5/19/2015	Repair/replace sewer lateral and EXCAVATE in PUBLIC RIGHT-OF-WAY. Overflow device may be needed. Permit valid 90 days. Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR.
1427	94TH	AVE	B8804684	Final	10/13/1988	8/25/1989	SINGLE FAMILY MANUFACTURED HOME
1427	94TH	AVE	E8901046	Final	4/5/1989	7/11/1989	MANUFACTURED HOME
1427	94TH	AVE	P8900639	Final	4/5/1989	8/3/1989	
1427	94TH	AVE	M8900553	Final	6/9/1989	7/27/1989	
1427	94TH	AVE	7160	Closed	7/14/2000	1/27/2011	INOPERABLE VEHICLES
1427	94TH	AVE	L012141	Lien Created	1/10/2001	1/10/2001	SEE FILE - TAXES CURRENT
1427	94TH	AVE	1002790	Abated	5/6/2010	10/26/2010	CONSTRUCTION DEBRIS IN FRONT OF PROPERTY
1427	94TH	AVE	L034015	Lien Created	10/28/2010	10/28/2010	
1427	94TH	AVE	L034062	Lien Created	11/16/2010	11/16/2010	
1427	94TH	AVE	1104681	Abated	6/20/2011	8/29/2011	OWNER RUNNING RECYCLING BUSINESS OUT OF PROPERTY. CUSTOMERS BLOCKING PUBLIC RIGHT A WAY AND LEAVING RECYCLABLES ALL OVER BLOCK
1430	94TH	AVE	SL980484	Final	7/21/1998	8/3/1998	sewer lateral repair
1430	94TH	AVE	X9800554	Permit Issued	7/24/1998	7/24/1998	sewer lateral repair
1430	94TH	AVE	ZC022158	Approved	8/8/2002	8/8/2002	zoning clearance for home business
1	SAN LEANDRO BORDER		X9500014	Expired	3/8/1995	12/31/1999	UTILITY COMPANY EXCAVATION FOR TRENCHING AND INSTALATION OF CONDUITS ON DOOLITTLE DR FROM SAN LEANDRO CITY LIMITS TO ALAMEDA CITY LIMITS FOR CABLE OAKLAND.
9415	HOLLY	ST	1502688	Inspection Scheduled	7/30/2015	7/30/2015	Possible metal recycling business in operation at property.
9415	HOLLY	ST	1403648	Courtesy Letter Sent	10/9/2014	10/9/2014	MATTRESS IN FRONT YARD OF PROPERTY
9415	HOLLY	ST	1300966	Non-Actionable	2/19/2013		ILLEGAL CHOP SHOP IN RESIDENTIAL AREA

Permit/Complaint History ≈ 1987 - Current

Address		Record #	Status	Filed Date	Status Date	Description
9415	HOLLY ST	1104954	Abated	7/5/2011	8/16/2011	OVERGROWN VEGETATION AND TRASH AT FRONT OF PROPERTY.
9415	HOLLY ST	1100426	Abated	1/21/2011	2/28/2011	METAL RECYCLING BUSINESS OPERATING ON RESIDENTIAL LOT.
9415	HOLLY ST	1007260	Non-Actionable	12/17/2010		ILLEGAL WELDING BUSINESS, APPLIANCES IN FRONT OF PROPERTY & LARGETRUCKS
9415	HOLLY ST	1006358	Abated	10/12/2010	11/10/2010	LARGE TRAILER HOME PARKED IN DRIVEWAY OF RESIDENCE, TRASH & DEBRISIN FRONT YARD
9415	HOLLY ST	501478	No Violation Found	4/4/2005		APT HAS DEBRIS , COUCHES, PILLOWS, AND TRASH IN FRONT OF IT.
9415	HOLLY ST	107739	Abated	9/7/2001	9/11/2001	GARBAGE BIN IS IN OPEN VIEW AND FULL TRASH
9415	HOLLY ST	6954	Verified	7/12/2000	7/31/2000	LEAVING GARBAGE RECEPTACLES IN FRONT OF THE BUILDING
1406	96TH AVE	9705135	Closed	7/10/1997	11/17/2000	VACANT LOT FILLED WITH TRASH AND DEBRIS
1406	96TH AVE	5194	Abated	5/30/2000	6/26/2000	VACANT LOT HAS OVERGROWTH OF WEEDS & GRASS
1406	96TH AVE	9429	Abated	10/2/2000	10/26/2000	THE VACANT LOT HAS WEEDS, TRASH AND DEBRIS IN THE ENTIRE LOT.
1406	96TH AVE	X0800217	Permit Issued	1/28/2008	2/8/2008	REMOVE OLD JOINT POLE, repl anchor
1406	96TH AVE	1300058	Abated	1/4/2013	2/25/2013	UNAPPROVED ACTIVITES/CAR WASH/CAR REPAIRS AND STORAGE/WASTE WATERDRAINING INTO STORM DRAINS.TRASH AND DEBRIS. UNAPPROVED SIGNAGE.
1410	96TH AVE	Y9101382	Final	12/27/1991	2/10/1992	RESET
1410	96TH AVE	B9200394	Expired	2/3/1992	12/29/1992	REMOVE SHEETROCK & ELEC CONVERT OFFICE BACK TO STORAGE
1410	96TH AVE	9430	Abated	10/2/2000	10/26/2000	THE RIGHT SIDE OF THE BUILDING IS MARKED WITH GRAFFTI.
1410	96TH AVE	ZC090647	Approved	3/20/2009	3/20/2009	Zoning Clearance for business license for Auto Servicing Commercial Activity,related to three parcels under same ownershship 46-5424-24 and 46-5424-1 and 46-5424-25
1410	96TH AVE E	ZC112484	Withdrawn	11/14/2011		Continuation of Auto Servicing activity under new ownership.
1427	96TH AVE 3,4	B8900716	Final	2/24/1989	4/27/1989	REPL FIRE DAMAGE RAFTERS;SHEETRCL;REPR WINDOW;INSTALL DOORS
1427	96TH AVE	E8900754	Final	3/15/1989	4/28/1989	FIRE DAMAGE
1427	96TH AVE #6	Y9000507	Final	10/18/1990	10/19/1990	METER RESET
1427	96TH AVE FRONT	19401712	Closed	10/13/1994	7/19/1999	H42553
1427	96TH AVE 4	9701146	Closed	2/24/1997	9/25/1997	ROOF IS LEAKING, FLOOR IS COMING UP, RATS AND OLD CARSIN DRIVEWAY AND BACKYARD.

Permit/Complaint History ≈ 1987 - Current

Address				Record #	Status	Filed Date	Status Date	Description
1427	96TH	AVE	5	9704493	Closed	6/5/1997	11/1/1997	DRIVEWAY HAS POT HOLES, NO HEATING SYSTEM, ROACH INFESTATION, WINDOWS ARE NAILED SHUT, DOOR KNOBS MISSING, CEILING CAVING IN.
1427	96TH	AVE		9708037	Closed	12/30/1997	1/16/1998	TOILET AND SHOWER CLOGGED UP, ROOF LEAKS IN BATHROOM AND KITCHEN, FLEAS, ROACHES, RATS, MISSIND BEDROOM DOOR HANDLE, ETC.
1427	96TH	AVE	#4	9805391	Open	7/13/1998		BEDROOM DAMAGED/WATER
1427	96TH	AVE	#5	ZC040506	Approved	2/19/2004	2/19/2004	use home as office for marketing services
1427	96TH	AVE		X0501378	Permit Issued	12/20/2005	1/5/2006	pole repl loc 1
1427	96TH	AVE		X0501376	Permit Issued	12/20/2005	1/5/2006	pole repl loc 2
1427	96TH	AVE		901485	Violation Verified	3/23/2009	3/24/2009	NO HEAT/ FRONT & BACK DOOR NOT SECURE/ WINDOWS FALLING OUT OF FRAMESEXPOSE WIRES IN ATTIC/ PLUMBING FAULTY
1427	96TH	AVE		B0901340	Final	4/20/2009	8/25/2009	Repairs to abate #0901485 - Replace front window & rebuild garage steps.
1427	96TH	AVE		E0901314	Final	5/12/2009	8/4/2009	Electrical/Repairs to abate #0901485
1427	96TH	AVE		M0900661	Final	5/12/2009	8/19/2009	Mechanical/Repairs to abate #0901485
1427	96TH	AVE		P0900974	Final	5/12/2009	8/19/2009	Plumbing/Repairs to abate #0901485
1427	96TH	AVE	4	ZC100454	Approved	2/24/2010	2/24/2010	Zoning clearance for a home occupation serving a mobile truck tire repair business. All services provided off-site. Vehicle to be stored at 8332 international. Home office only
1428	96TH	AVE		RE9700417	Final	2/18/1997	2/21/1997	Change service entrance, 100 amp upgrade.
1428	96TH	AVE		ZC110359	Approved	2/7/2011	2/7/2011	Home occupation: sale at flea markets.

From: [Foott, Alicia, Env. Health](#) on behalf of [dehcupafilereview, Env. Health](#)
To: [Kalle Jahn](#)
Subject: RE: Oakland Property Files
Date: Friday, October 30, 2015 12:04:10 PM
Importance: High

Thank you for contacting Alameda County Department of Environmental Health (ACDEH) Certified Unified Program Agency (CUPA) File Review Request:

We show no CUPA Hazmat records for the addresses you requested.

*Some LOP, LUFT/SLIC information may be available online.

<http://www.acgov.org/aceh/lop/ust.htm>

<http://www.acgov.org/MAPS/deh/InspectionResults/?SITE=LOP>

<http://geotracker.waterboards.ca.gov/>

Consider the following in making your request:

1. Make sure you have a Physical Site Address. (i.e. 1234 Burch Lane Oakland, CA 94603)
2. Only having directional information will limit the ability to locate the file you are looking for. (i.e. The location is by or on Burch Lane in Oakland CA)
3. None of the following are needed, and they do not assist in locating your file.
 - APN
 - Parcel Number
 - Longitude and Latitude information

A physical site address is needed to administer a search.

**Please note that ACDEH only has files for sites within its jurisdiction. Many cities within Alameda County are not part of ACDEH CUPA jurisdiction.

In those cases we advise that you try contacting that cities Fire or Planning Departments for any records.

Please view our Jurisdiction List:

<http://www.acgov.org/aceh/documents/CUPA-jurisdictions.pdf>

Our office makes files available by appointment only for review on Thursdays and Fridays from 9:00 AM until 12:00 noon.

If you have any other questions please call 510-567-6809

Best regards,

Alicia Foott

File Review Administrator, Hazmat CUPA

Alameda County Environmental Health

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502

Helpful Links:

File Review Request.

<http://www.acgov.org/aceh/hazard/cupa-file-review-request.htm>

Some LOP, LUFT/SLIC information may be available online.

<http://www.acgov.org/aceh/lop/ust.htm>

<http://www.acgov.org/MAPS/deh/InspectionResults/?SITE=LOP>

<http://geotracker.waterboards.ca.gov/>

Please view our Jurisdiction List:

<http://www.acgov.org/aceh/documents/CUPA-jurisdictions.pdf>

From: kalle@irisenv.com [mailto:kalle@irisenv.com]
Sent: Wednesday, October 28, 2015 10:19 AM
To: dehcupafilereview, Env. Health; zzzLetheridge, Jacquelyn 3/3/2015
Subject: Oakland Property Files

E-mail submitted from following website: CUPA_File_Request_Webpage

Name:

EmailAddress: kalle@irisenv.com

Comments: Hello, I'd like to request any files you have on the following addresses (all in Oakland, CA 94603). Particularly interested in hazardous materials files. The street names have changed over the years, so I've included additional names in parentheses. 9438 East 14th St. (San Leandro Rd.) 9500 East 14th St. (San Leandro Rd.) 9510 East 14th St. (San Leandro Rd.) 1401 96th (Bay View) Ave. 1429 96th (Bay View) Ave. 9519 Holly St. (Hawthorne St.) 9445 Holly St. (Hawthorne St.) 9431 Holly St. (Hawthorne St.) Thank you.



Request #12233

Hello, I'd like to request any files you have on the following addresses (all in Oakland, CA 94603). The street names have changed over the years, so I've included additional names in parentheses.

9502 East 14th St. (International Blvd.)

9520 East 14th St. (International Blvd.)

9526 East 14th St. (International Blvd.)

9530 East 14th St. (International Blvd.)

9532 East 14th St. (International Blvd.)

1427 96th Ave.

1445 96th Ave.

🐦9501 Holly St. (Hawthorne St.)

f9507 Holly St. (Hawthorne St.)

9515 Holly St. (Hawthorne St.)

9521 Holly St. (Hawthorne St.)

9527 Holly St. (Hawthorne St.)

Thank you.

...less

Response




Dear Records Requester, I have just scanned and uploaded 5 pages of documents which staff from the City of Oakland's Department of Planning and Building believe to be responsive to your request. Having made all responsive materials available to you, the City of Oakland will consider your request closed. Thank you, - Amber Danielle-Rose Todd (/staff_card/2895)

...less

6 days ago



Planning and Building Documents

(<http://documents.scribd.com.s3.amazonaws.com/docs/1pgkc28zr44u2nqv.pdf>) 

(<https://www.scribd.com/doc/287286041>) - Amber Danielle-Rose Todd (/staff_card/2895)

6 days ago

 closed

Point of Contact

Amber Danielle-Rose Todd (/staff_card/2895)

Helpers

Received: Oct 21, 2015 at 12:20 PM

For more information about this application or instructions on how to get the app for your agency, view project info and documentation (<https://github.com/codeforamerica/recordtrac>).

Made by the Code for America 2013 Fellows (<http://www.codeforamerica.org/apps/recordtrac/>) with the City of Oakland

Permit/Complaint History ≈ 1987 - Current

Address				Record #	Status	Filed Date	Status Date	Description
1427	96TH	AVE	3,4	B8900716	Final	2/24/1989	4/27/1989	REPL FIRE DAMAGE RAFTERS;SHEETRCL;REPR WINDW;INSTALL DOORS
1427	96TH	AVE		E8900754	Final	3/15/1989	4/28/1989	FIRE DAMAGE
1427	96TH	AVE	#6	Y9000507	Final	10/18/1990	10/19/1990	METER RESET
1427	96TH	AVE	FRONT	9401712	Closed	10/13/1994	7/19/1999	H42553
1427	96TH	AVE	4	9701146	Closed	2/24/1997	9/25/1997	ROOF IS LEAKING, FLOOR IS COMING UP, RATS AND OLD CARSIN DRIVEWAY AND BACKYARD.
1427	96TH	AVE	5	9704493	Closed	6/5/1997	11/1/1997	DRIVEWAY HAS POT HOLES, NO HEATING SYSTEM, ROACH INFESTATION,WINDOWS ARE NAILED SHUT, DOOR KNOBS MISSING, CEILING CAVING IN.
1427	96TH	AVE		9708037	Closed	12/30/1997	1/16/1998	TOILET AND SHOWER CLOGGED UP, ROOF LEAKS IN BATHROOM AND KITCHEN, FLEAS, ROACHES, RATS, MISSIND BEDROOM DOOR HANDLE, ETC.
1427	96TH	AVE	#4	9805391	Open	7/13/1998		BEDROOM DAMAGED/WATER
1427	96TH	AVE	#5	ZC040506	Approved	2/19/2004	2/19/2004	use home as office for marketing services
1427	96TH	AVE		X0501378	Permit Issued	12/20/2005	1/5/2006	pole repl loc 1
1427	96TH	AVE		X0501376	Permit Issued	12/20/2005	1/5/2006	pole repl loc 2
1427	96TH	AVE		901485	Violation Verified	3/23/2009	3/24/2009	NO HEAT/ FRONT & BACK DOOR NOT SECURE/ WINDOWS FALLING OUT OF FRAMESEXPOSE WIRES IN ATTIC/ PLUMBING FAULTY
1427	96TH	AVE		B0901340	Final	4/20/2009	8/25/2009	Repairs to abate #0901485 - Replace front window & rebuild garage steps.
1427	96TH	AVE		E0901314	Final	5/12/2009	8/4/2009	Electrical/Repairs to abate #0901485
1427	96TH	AVE		M0900661	Final	5/12/2009	8/19/2009	Mechanical/Repairs to abate #0901485
1427	96TH	AVE		P0900974	Final	5/12/2009	8/19/2009	Plumbing/Repairs to abate #0901485
1427	96TH	AVE	4	ZC100454	Approved	2/24/2010	2/24/2010	Zoning clearance for a home occupation serving a mobile truck tire repair business. All services provided off-site.Vehic le to be stored at 8332 international. Home office only
1445	96TH	AVE		P9300105	Final	1/19/1993	10/25/1993	METER RELOCATION
1445	96TH	AVE		9909340	Abated	8/24/1999	9/27/1999	TRASH & DEBRIS, INOPERABLE VEHICLE
1445	96TH	AVE		ZC141440	Approved	6/11/2014	6/11/2014	Home office for outcall ajnitorial services.
9520	E 14TH	ST		P8903874	Final	12/14/1989	1/19/1990	
9520	E 14TH	ST		P8903890	Final	12/14/1989	1/18/1990	
9520	E 14TH	ST		B9003074	Expired	6/19/1990	9/4/1991	REPLACE DAMAGE WOOD WALLS WITH MASONARY WALLS

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9520	E 14TH	ST	104212	Abated	5/21/2001	8/2/2001	WEEDS & DEBRIS
9526	E 14TH	ST	9504113	Closed	7/5/1995	7/25/1995	FENCES IN PROPERTY, THEREIS AN ACCUMULATION OF TRASH AND DEBRIS INTHE PARKING LOT AREA.
9526	E 14TH	ST	9701797	Closed	4/9/1997	11/17/2000	FIRE DAMAGED STRUCTURE EXTREMELY DETERIORATED-FIRE DAMAGE SPANS APPROX150 FEET ACROSS ROOF-SPREADS ON TO ADJACENT PROPERTY
9532	E 14TH	ST	E8704290	Expired	10/5/1987	9/23/1988	
9532	E 14TH	ST	E8704298	Expired	10/5/1987	9/23/1988	
9532	E 14TH	ST	S8900056	Final	5/9/1989	1/23/1990	GROUND & POLE SIGN
9532	E 14TH	ST	9601781	Closed	4/10/1996	5/8/1996	DEBRIS BEHIND 9532 E 14TH STREET CORNER OF PROPERTY
9501	HOLLY	ST	P8803579	Final	9/29/1988	10/12/1988	RELOCATE GAS TEST
9501	HOLLY	ST	WB9801441	Application Approved	7/20/1998		THE FIRST BEDROOM DOES NOT HAVE WINDOW BARS. THE SECOND BED ROOM HAS ONE BARRED & ONE FOOT LEVER RELEASE INSTALLED. SMOKE DETECTORS IN THE BEDROOMS & HALL OPERATE
9501	HOLLY	ST	DRD020180	Approved	7/11/2002	7/11/2002	Design Review for addition to SFD.
9501	HOLLY	ST	RB0204427	Expired	9/18/2002	7/10/2003	Addition at rear of 483 sf for two new bedrooms and one bath
9515	HOLLY	ST	WB9801710	Final	8/7/1998	8/13/1998	NO BARS ON THE HOUSE
9515	HOLLY	ST	1005010	Open	7/20/2010		TRASH, DEBRIS, OVERGROWN VEGETATION & INOPERABLE VEHICLE IN REAR
9521	HOLLY	ST	WB9801709	Final	8/7/1998	8/13/1998	NO BARS ON THE HOUSE
9521	HOLLY	ST	RB9900592	Final	2/17/1999	3/29/1999	Partial foundation replacement 45 lin. ft..
9521	HOLLY	ST	RE0604233	Final	12/21/2006	1/2/2007	Electrical service upgrade to 125 amps, new furnace circuit
9521	HOLLY	ST	RM0602240	Final	12/21/2006	1/2/2007	Install new furnace system, incl. gas test.
9521	HOLLY	ST	1003547	Abated	6/11/2010	8/18/2010	OVERGROWN VEGETATION, TRASH & DEBRIS, INOPERABLE VEHICLES,
9521	HOLLY	ST	1005828	Abated	9/8/2010	10/26/2010	UNSECURED PROPERTY, HOUSE AND DETACHED GARAGE. TRASH AND DEBRISTHROUGH OUT HOUSE, GARAGE AND YARD.
9521	HOLLY	ST	L033667	Lien Created	9/13/2010	9/13/2010	PAID
9521	HOLLY	ST	L033763	Lien Created	9/29/2010	9/29/2010	PAID
9521	HOLLY	ST	L034095	Lien Created	11/16/2010	11/16/2010	PAID
9521	HOLLY	ST	L034096	Lien Created	11/16/2010	11/16/2010	PAID
9521	HOLLY	ST	L034173	Lien Created	12/13/2010	12/13/2010	PAID

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9521	HOLLY	ST	SL1202541	Final	11/27/2012	11/29/2012	Repair/replace building sewer ON PROPERTY ONLY. SL & X required beyond PL. Overflow device may be needed. Call PWA INSPECTION prior to start: 510-238-3651. 4th FLOOR.
9527	HOLLY	ST	204512	Non-Actionable	5/24/2002		CONSTRUCTED FENCE OVER 6 FT HIGH
9502	INTERNATIONAL	BLVD	ZC033181	Approved	12/1/2003	12/1/2003	Establish a medical service office. Activities include gen-eral medical services, mental health services, substance abus outpatient treatment. Needle exchange not permitted or proposed as a part of this office. Activities classified as a Medical Service activity--permitted in C-40 and Neighbor-hood Center Mixed Use.
9520	INTERNATIONAL	BLVD	B0101050	Final	3/12/2001	10/22/2001	Interior remodeling to accomodate a new supermarket with office, kitchen, meta sales and grocery area. Plans stamped by health dept.
9520	INTERNATIONAL	BLVD	E0101118	Final	3/28/2001	9/4/2001	Electrical for new supermarket.
9520	INTERNATIONAL	BLVD	P0100929	Expired	3/28/2001	5/2/2002	Plumbing for new supermarket.
9520	INTERNATIONAL	BLVD	M0100874	Final	6/5/2001	9/18/2001	1 TYPE 1 HOOD FOR RESTAURANT
9520	INTERNATIONAL	BLVD	B0103003	Expired	7/5/2001	2/6/2003	Add aluminum awning to front of Super Mercado. Facade Improvement proposal.
9520	INTERNATIONAL	BLVD	B0103550	Final	8/7/2001	2/7/2002	Install two roll-up doors to facade of supermarket in conjunction with B0103003, and add two light poles in parking area. New 6' hi steel fence at parking lot.
9520	INTERNATIONAL	BLVD	E0102778	Final	8/10/2001	8/17/2001	ELECTRICAL FOR 6 BEVERAGE CASES
9520	INTERNATIONAL	BLVD	M0101205	Final	8/10/2001	9/11/2001	MECHANICAL FOR: Interior remodeling
9520	INTERNATIONAL	BLVD	ZC011770	Approved	8/23/2001	8/23/2001	supermarket- no alcohol sales allowed without prior approv al by city
9520	INTERNATIONAL	BLVD	CGS030002	Permit Issued	1/2/2003	1/2/2003	WIDENING OF (E)D/W OFF ABOVE ADDRESS(SEE ATTACHED APPROVED P LAN)

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9520	INTERNATIONAL	BLVD	VM03255	Approved	6/6/2003	6/6/2003	Location: 9520 International Boulevard Proposal: Application for a Major Variance to establish alcoholic beverage sales commercial activity within an existing general foods establishment. applicant: Super Mercado Mi Terra Contact Person/Phone Number: Ascanio Ramirez / (510) 567-8617 Owner: Barbara J. Wiggins Case File Number: VM03-255 Planning Permits Required: Major Variance General Plan: Neighborhood Center Zoning: C-40 Environmental Determination: Exempt Historic Status: NHP Service Delivery District: 6 City Council district: 6 For Further Information: Contact case planner Jacob Graef at (510) 777-8672 or by email at jgraef@oaklandnet.com
9520	INTERNATIONAL	BLVD	FC04042	Expired	6/7/2004	1/28/2005	Pushcart Vendor Permit: "XXXXXXXXXX" valid to XXXXXX XXXXXXXXXXXXX Council Dist 5; Commissary-xxxxxxx; Bus Acct #xxxxxxx, valid to xxxxxxxx; Health Decal #xxxxxxx, valid to
9520	INTERNATIONAL	BLVD	ZC042581	Approved	9/7/2004	9/7/2004	To add a push cart with sales of food to an existing grocery store. Grocery store is the commissary.
9520	INTERNATIONAL	BLVD	FC04045	Expired	9/8/2004	4/21/2006	Pushcart Vendor Program: "Mi Tierra" not in District 5, stat at 9520 International Blvd. New permit valid to 09/04/05; Commissary-Super Mercado Mi Tierra ,9520 International Blvd, Oakland Ca. 94603; B/T#2330253 xpr12/31/04; H/P#4-5226,
9520	INTERNATIONAL	BLVD	FC09052	Expired	1/26/2009	4/25/2010	Pushcart Vendor Program: "Mi Tierra" Expires: 01/27/10 H/P#: 9-3542 12/30/09, B/T#: 2330253 12/31/09; Lic#:4JD7208 Commissary: 9520 Int'l blvd, oakland 510.567.8617
9520	INTERNATIONAL	BLVD	FC10058	Expired	4/27/2010	12/1/2010	Pushcart Vendor Program: "Mi Tierra" Expires: 04/15/11 H/P#: 9-3542 12/30/09, B/T#: 2330253 12/31/09; Lic#:4JD7208 Commissary: 9520 Int'l blvd, oakland 510.567.8617
9520	INTERNATIONAL	BLVD	FV11053	Expired	2/11/2011	8/31/2011	site verification for proposed food truck location. site location approved per inspection made on 2/15/11
9520	INTERNATIONAL	BLVD	FV12059	Expired	4/6/2012	10/31/2012	VEHICULAR FOOD VENDOR:"SUPER MERCADO" EXPIRES: 04/15/13 H/P#: 12-6154,EXP: 4/13/12; B/T#: 2330253,EXP:12/31/12 DMV#: 4LE4922(TRAILER), EXP: 7/31/14
9520	INTERNATIONAL	BLVD	1202203	Open	5/14/2012		OWNER DRIVING FORKLIFT ON SIDEWALK

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
9526	INTERNATIONAL	BLVD	1370	Abated	2/14/2000	4/7/2000	PROVIDE ONE 32-GAL GARBAGE CAN SERVICE ONE A WEEK. DEBRIS
9526	INTERNATIONAL	BLVD	800836	Violation Verified	1/26/2008		GRAFITTI
9526	INTERNATIONAL	BLVD	804754	Abated	7/2/2008	2/10/2009	SUPERMARKET WITH ELECTRICAL AND OTHER CODE VIOLATIONS
9526	INTERNATIONAL	BLVD	E0802874	Final	9/17/2008	10/10/2008	10 circuits #0804754
9526	INTERNATIONAL	BLVD	P0802325	Expired	9/17/2008	5/18/2009	1 sink #0804754
9532	INTERNATIONAL	BLVD	B9705224	Expired	12/29/1997	8/10/1998	TI for fire damaged retail bldg.
9532	INTERNATIONAL	BLVD	B9705225	Expired	12/29/1997	8/10/1998	demo for pre-TI for fire damaged retail bldg.
9532	INTERNATIONAL	BLVD	B9801143	Final	4/8/1998	12/2/1998	T.I. and repair fire damage.
9532	INTERNATIONAL	BLVD	E9801647	Final	6/18/1998	6/19/1998	temporary power for fire repairs
9532	INTERNATIONAL	BLVD	P9801649	Final	9/16/1998	11/16/1998	T.I. FOR FIRE DAMAGED RETAIL BLDG.
9532	INTERNATIONAL	BLVD	E9802873	Final	9/24/1998	11/18/1998	Electrical for T.I. and repair fire damage.
9532	INTERNATIONAL	BLVD	M9801464	Final	11/18/1998	11/20/1998	Mechanical for five exhaust fans.

STANDARD STRUCTURAL PEST CONTROL INSPECTION REPORT
(WOOD-DESTROYING PESTS OR ORGANISMS)

A LICENSED PEST CONTROL OPERATOR IS AN EXPERT IN HIS FIELD. ANY QUESTIONS RELATIVE TO THIS REPORT SHOULD BE REFERRED TO HIM.

This is an inspection report only—not a Notice of Completion.

FIRM NAME AND ADDRESS East Bay Termite Company, Inc.				CO. REPORT NO. (if any)	
32975 FOURTH STREET - HAYWARD, CALIF. 94541 531-4747					
FIRM LICENSE NUMBER 3121	STAMP NUMBER 382301g		DATE OF INSPECTION 10/18/68		
CITY CODE 015425	ADDRESS OF PROPERTY INSPECTED	BDDG. NO. 1445	STREET 96th Avenue	CITY Oakland	

Affix stamp here on Board copy only

Inspection Ordered by (Name and Address)	Magnani Realty	
Report Sent to (Name and Address)	1611 14th Avenue, Oakland	KA 3-8207
Owner's Name and Address	Devalle 632-1276	//First California Title Co.
Name and Address of a Party in Interest as per Sec. 8516(b)3	Unknown	2101 Mission Blvd. Hay. Esc. #202699
INSPECTED BY: Adam Cordwall	LICENSE NO. 3121	This is an Original Report <input checked="" type="checkbox"/> This is a Supplemental Report <input type="checkbox"/> Number of Pages of this Report: 1

FINDINGS—To Be Explained in Detail Below (See reverse side for applicable sections of Regulation 1991)

YES	CODE	SEE DIAGRAM BELOW	YES	CODE	SEE DIAGRAM BELOW	YES	CODE	SEE DIAGRAM BELOW
X	S	Subterranean Termites	Y	FG	Faulty Grade Levels	X	CD	Cellulose Debris
	K	Dry Wood Termites		EC	Earth wood Contact		EM	Excessive Moisture Conditions
	F	Fungus or Dry Rot		Z	Dampwood Termites		IA	Inaccessible Areas
	B	Beetles—Other Wood Destroying Insects		SL	Shower Leaks		FI	Further Inspection Recommended
1	SUBSTRUCTURE AREA (soil conditions, accessibility, etc.)		soil dry, see item 1 below					
2	Was Stall Shower water tested?		none	Did floor coverings indicate leaks?		no		
3	FOUNDATIONS (Type, Relation to Grade, etc.)		concrete, see item 3 below					
4	PORCHES STEPS PATIOS		concrete, see item 4 below					
5	VENTILATION (Amount, Relation to Grade, etc.)		appears adequate, above grade					
6	ABUTMENTS (Stucco walls, columns, arches, etc.)		concrete appear okay					
7	ATTIC SPACES (accessibility, insulation, etc.)		accessible, not inspected					
8	GARAGES (Type, accessibility, etc.)		detached, not inspected					
9	OTHER		none					

NOTICE: See Section 8516(b)3 and Regulation 1991(i) and (j) on reverse side for areas which were not inspected and not included in this report. Upon authorization, and written contractual agreement, inaccessible areas will be opened for inspection and a supplementary report made.

DIAGRAM AND EXPLANATION OF FINDINGS AND METHODS OF RECOMMENDED CORRECTIONS

(This report is limited to structure or structures shown on diagram per Section 1993.)

General Description: wood frame stucco, one story residence

This report is limited to the visible and accessible areas of the substructure. If further inspection of any area is desired, it will be performed upon request.

1. **Substructure:** Active termite infestation evident in sub-area soil has crossed foundation at front and has damaged sheathing.
 2. **Recommendation:** Remove damaged sheathing and replace as necessary. Chemically treat all sub-area soil with East Bay soil termiticide to kill or inhibit termite colonies nesting below. Chemicals to be applied in accordance with EPA specifications.

3. **Attic:** No termites or other wood destroying insects observed.

4. **Garage:** No termites or other wood destroying insects observed. Chemically treated with East Bay soil termiticide.

Appendix B

Laboratory Analytical Reports

DRAFT



Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 270827
ANALYTICAL REPORT**

Iris Environmental
1438 Webster Street
Oakland, CA 94612

Project : 15-1325A
Location : 9400 International, Oakland
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
IE-1-5.0	270827-001
IE-2-5.0	270827-002
IE-1-GW	270827-003
IE-2-GW	270827-004
IDW-SOIL	270827-005

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Mike Dahlquist
Project Manager
mike.dahlquist@ctberk.com

Date: 10/27/2015

CASE NARRATIVE

Laboratory number: 270827
Client: Iris Environmental
Project: 15-1325A
Location: 9400 International, Oakland
Request Date: 10/20/15
Samples Received: 10/20/15

This data package contains sample and QC results for three soil samples and two water samples, requested for the above referenced project on 10/20/15. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):

Matrix spikes QC809372, QC809373 (batch 228567) were not reported because the concentrations of target analytes in the parent sample were more than four times the amount spiked, rendering spike recoveries not meaningful. High RPD was observed for diesel C10-C24 in the MS/MSD of IDW-SOIL (lab # 270827-005). High surrogate recovery was observed for o-terphenyl in the method blank for batch 228567; no target analytes were detected in the sample. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Water:

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Soil:

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

High recovery was observed for barium in the MS of IDW-SOIL (lab # 270827-005); the BS/BSD were within limits. High RPD was also observed for barium in the MS/MSD of IDW-SOIL (lab # 270827-005); the RPD was acceptable in the BS/BSD. No other analytical problems were encountered.

Moisture (ASTM D2216/CLP):

No analytical problems were encountered.

270827

IRIS ENVIRONMENTAL CHAIN-OF-CUSTODY
 1438 Webster Street, Suite 302
 Oakland, California 94612
 (510) 834-4747 tel
 (510) 834-4199 fax

Analyses Required

Sample ID	Date	Time	Matrix	Pres.	VOCs 8260	Wasture	Finalize 22 metals	TPH - 8/15	TPH - 8/15	TPH - 8/15	Number of Containers
IE-1-5.0	10/20/15	0940	S		X	X					5
IE-2-5.0		0950	S		X	X					5
IE-1-GW		1120	GW		X						3
IE-2-GW		1120	GW		X						3
IDW-SOIL		1240	S		X		X	X			1

Sampler Name(s): *Kalle Jahn* Signature(s): *Kalle Jahn*

PROJECT INFORMATION

Project Name: 7400 International Blvd
 Project Number: 15-1325A
 Contact Person: K. Jahn, N. Leizeaux
 E-mail: *kalle@nick@visenv.com*
 Contact Telephone: *X27*
 Report: Routine (Level 2) Level 3 Level 4 EDD
 TAT: 10-day 5-day 12-hr 48-hr 24-hr Other:

RELINQUISHED BY:	RECEIVED BY:
Printed Name: <i>Kalle Jahn</i>	Printed Name: <i>M. DAHLGREN</i>
Signature: <i>Kalle Jahn</i>	Signature: <i>[Signature]</i>
Company: <i>IVIS</i>	Company: <i>CT</i>
Time/Date: <i>1335 10/20/15</i>	Time/Date: <i>1335 10/20/15</i>

Special Instructions/Comments:

• report soil samples dry-weight basis
 * put on 5-day standard turn

COOLER RECEIPT CHECKLIST



Login # 270827 Date Received 10/20/15 Number of coolers 1
Client IRIS Environmental Project 9400 International Blvd

Date Opened 10/20 By (print) [signature] (sign) [signature]
Date Logged in [initials] By (print) BL (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc) YES NO
Shipping info

2A. Were custody seals present? ... YES (circle) on cooler on samples NO
How many Name Date

2B. Were custody seals intact upon arrival? YES NO N/A

3. Were custody papers dry and intact when received? YES NO

4. Were custody papers filled out properly (ink, signed, etc)? YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO

6. Indicate the packing in cooler: (if other, describe)

- Bubble Wrap, Cloth material, Foam blocks, Cardboard, Bags, Styrofoam, None, Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C)

Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
If YES, what time were they transferred to freezer? 1420

9. Did all bottles arrive unbroken/unopened? YES NO

10. Are there any missing / extra samples? YES NO

11. Are samples in the appropriate containers for indicated tests? YES NO

12. Are sample labels present, in good condition and complete? YES NO

13. Do the sample labels agree with custody papers? YES NO

14. Was sufficient amount of sample sent for tests requested? YES NO

15. Are the samples appropriately preserved? YES NO N/A

16. Did you check preservatives for all bottles for each sample? YES NO N/A

17. Did you document your preservative check? YES NO N/A

18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO N/A

19. Did you change the hold time in LIMS for preserved terracores? YES NO N/A

20. Are bubbles > 6mm absent in VOA samples? YES NO N/A

21. Was the client contacted concerning this sample delivery? YES NO

If YES, Who was called? By Date:

COMMENTS

Blank lines for handwritten comments.

Detections Summary for 270827

Results for any subcontracted analyses are not included in this summary.

Client : Iris Environmental
 Project : 15-1325A
 Location : 9400 International, Oakland

Client Sample ID : IE-1-5.0 Laboratory Sample ID : 270827-001

No Detections

Client Sample ID : IE-2-5.0 Laboratory Sample ID : 270827-002

No Detections

Client Sample ID : IE-1-GW Laboratory Sample ID : 270827-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
MTBE	0.6		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : IE-2-GW Laboratory Sample ID : 270827-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
MTBE	1.7		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Ethylbenzene	1.9		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Isopropylbenzene	8.8		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Propylbenzene	3.9		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
tert-Butylbenzene	1.1		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
sec-Butylbenzene	11		0.5	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B
Naphthalene	4.2		2.0	ug/L	As Recd	1.000	EPA 8260B	EPA 5030B

Client Sample ID : IDW-SOIL Laboratory Sample ID : 270827-005

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	260		1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550B
Arsenic	18		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Barium	150		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Beryllium	0.69		0.11	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Chromium	59		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Cobalt	8.7		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Copper	33		0.28	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Lead	9.4		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Mercury	0.046		0.017	mg/Kg	As Recd	1.000	EPA 7471A	METHOD
Nickel	42		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Vanadium	62		0.27	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B
Zinc	62		1.1	mg/Kg	As Recd	1.000	EPA 6010B	EPA 3050B

Total Volatile Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8015B
Field ID:	IDW-SOIL	Batch#:	228518
Matrix:	Soil	Sampled:	10/20/15
Units:	mg/Kg	Received:	10/20/15
Basis:	as received	Analyzed:	10/21/15
Diln Fac:	1.000		

Type: SAMPLE Lab ID: 270827-005

Analyte	Result	RL
Gasoline C7-C12	ND	0.97

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	78-138

Type: BLANK Lab ID: QC809090

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	78-138

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC809089	Batch#:	228518
Matrix:	Soil	Analyzed:	10/21/15
Units:	mg/Kg		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	1.017	102	80-121

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	105	78-138

Batch QC Report

Total Volatile Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	270834-001	Batch#:	228518
Matrix:	Soil	Sampled:	10/20/15
Units:	mg/Kg	Received:	10/20/15
Basis:	as received	Analyzed:	10/21/15

Type: MS Lab ID: QC809091

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.07883	10.64	9.674	90	50-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	78-138

Type: MSD Lab ID: QC809092

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	8.699	85	50-120	5	31

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	106	78-138

RPD= Relative Percent Difference

Total Extractable Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3550B
Project#:	15-1325A	Analysis:	EPA 8015B
Field ID:	IDW-SOIL	Batch#:	228567
Matrix:	Soil	Sampled:	10/20/15
Units:	mg/Kg	Received:	10/20/15
Basis:	as received	Prepared:	10/22/15
Diln Fac:	1.000	Analyzed:	10/23/15

Type: SAMPLE Lab ID: 270827-005

Analyte	Result	RL
Diesel C10-C24	260	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	104	59-140

Type: BLANK Lab ID: QC809370

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	144 *	59-140

*= Value outside of QC limits; see narrative

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3550B
Project#:	15-1325A	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC809371	Batch#:	228567
Matrix:	Soil	Prepared:	10/22/15
Units:	mg/Kg	Analyzed:	10/23/15

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.44	41.99	83	58-137

Surrogate	%REC	Limits
o-Terphenyl	109	59-140

Batch QC Report

Total Extractable Hydrocarbons			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3550B
Project#:	15-1325A	Analysis:	EPA 8015B
Field ID:	IDW-SOIL	Batch#:	228567
MSS Lab ID:	270827-005	Sampled:	10/20/15
Matrix:	Soil	Received:	10/20/15
Units:	mg/Kg	Prepared:	10/22/15
Basis:	as received	Analyzed:	10/23/15
Diln Fac:	1.000		

Type: MS Lab ID: QC809372

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	264.6	50.46	78.07	-370 NM	46-154

Surrogate	%REC	Limits
o-Terphenyl	120	59-140

Type: MSD Lab ID: QC809373

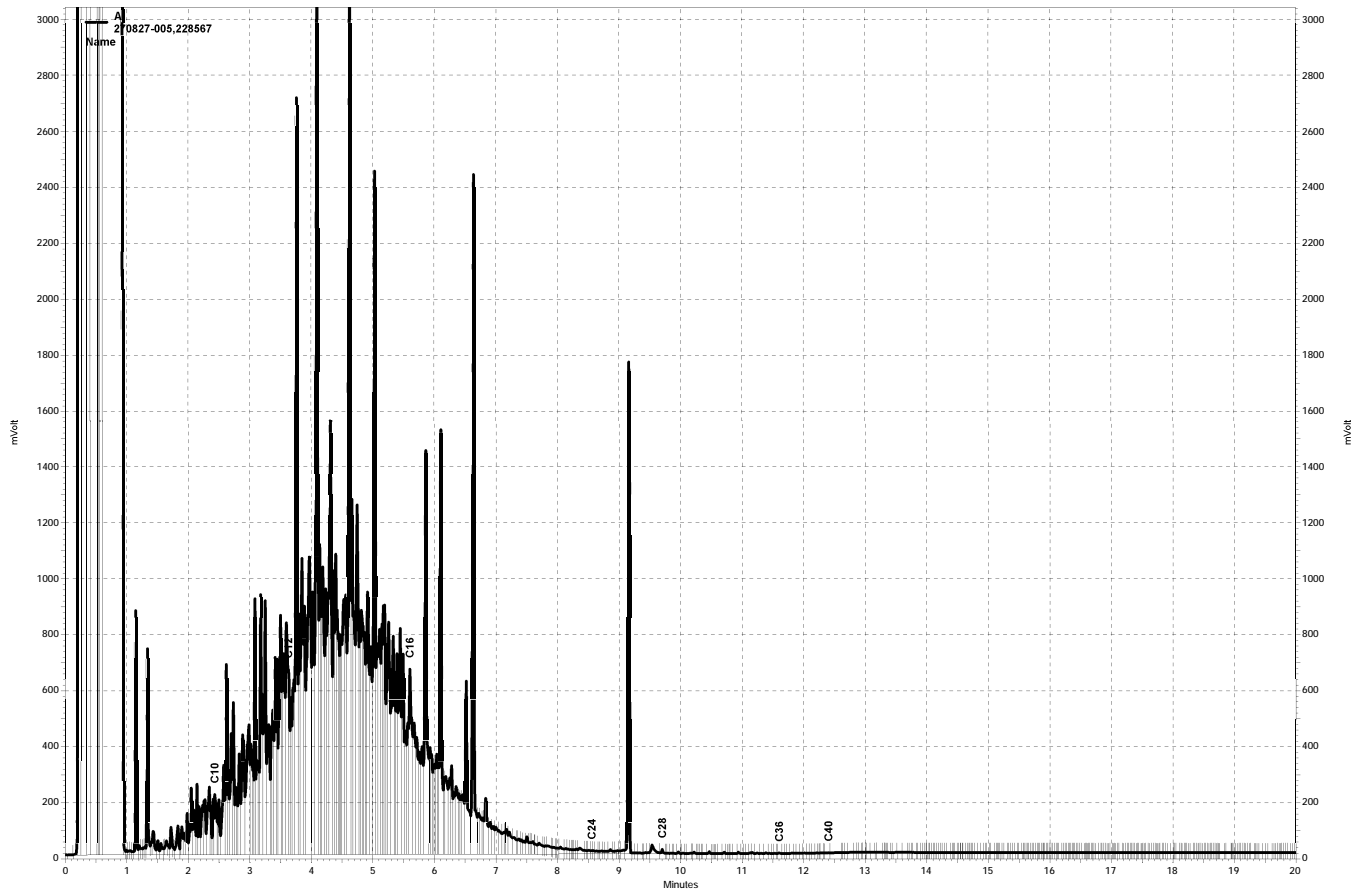
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.45	45.61	-434 NM	46-154	52 *	50

Surrogate	%REC	Limits
o-Terphenyl	108	59-140

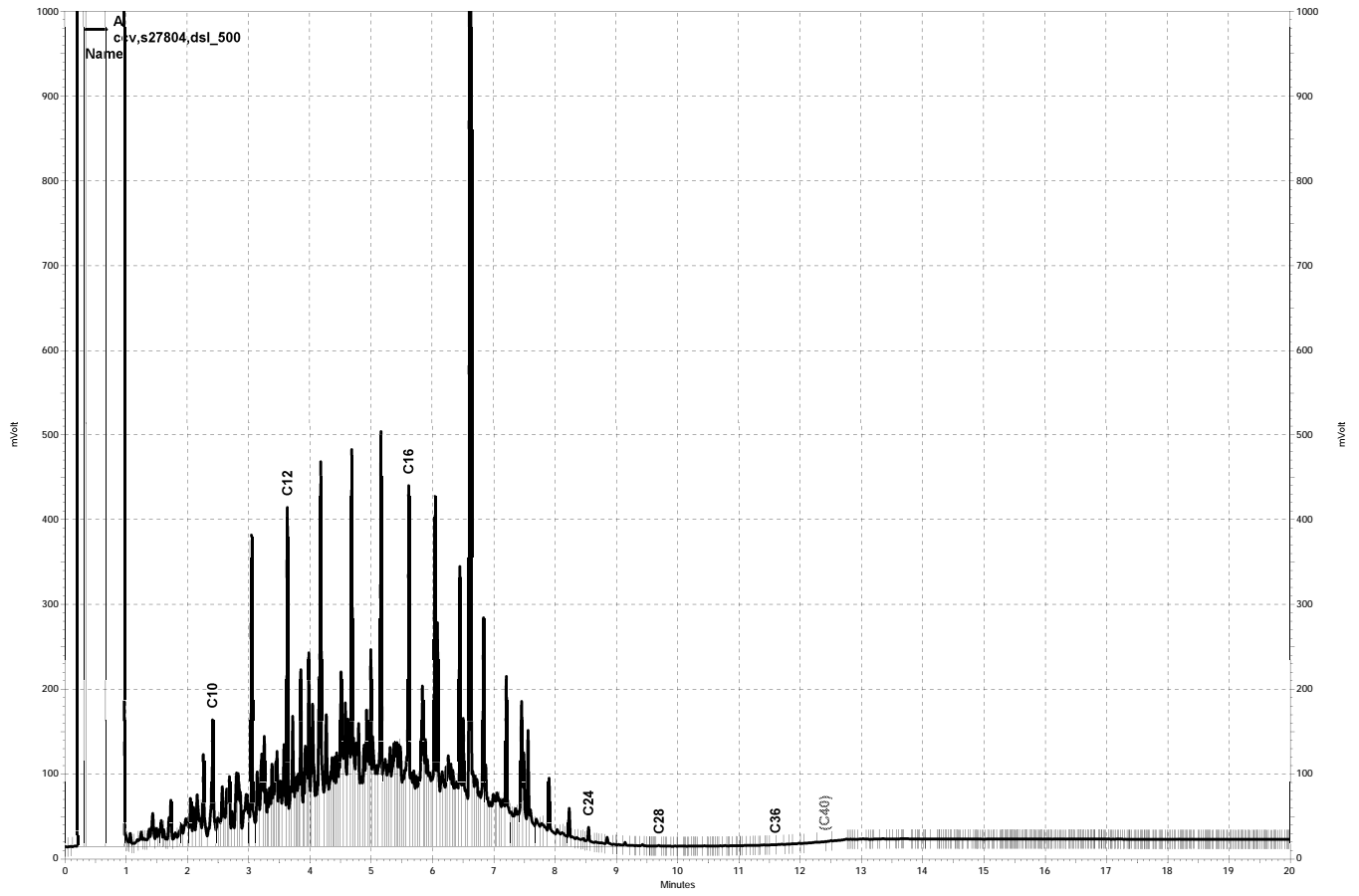
*= Value outside of QC limits; see narrative

NM= Not Meaningful: Sample concentration > 4X spike concentration

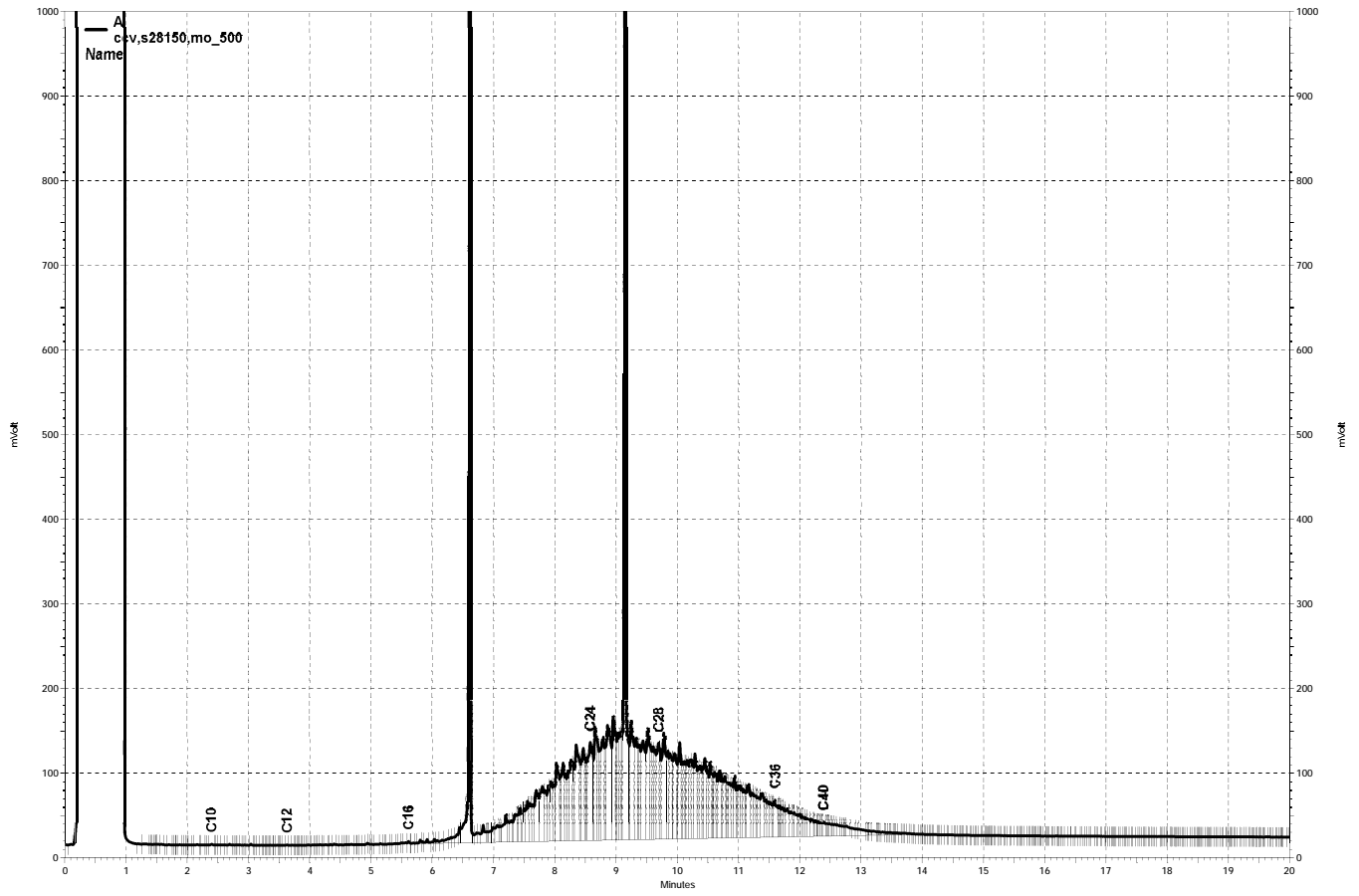
RPD= Relative Percent Difference



— \\Lims\gdrive\ezchrom\Projects\GC26\Data\295a039, A



— \\Lims\gdrive\ezchrom\Projects\GC26\Data\295a037, A



— \\Lims\gdrive\ezchrom\Projects\GC26\Data\295a036, A

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-1-GW	Batch#:	228496
Lab ID:	270827-003	Sampled:	10/20/15
Matrix:	Water	Received:	10/20/15
Units:	ug/L	Analyzed:	10/20/15
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	0.6	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-1-GW	Batch#:	228496
Lab ID:	270827-003	Sampled:	10/20/15
Matrix:	Water	Received:	10/20/15
Units:	ug/L	Analyzed:	10/20/15
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-128
1,2-Dichloroethane-d4	113	75-139
Toluene-d8	105	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-2-GW	Batch#:	228524
Lab ID:	270827-004	Sampled:	10/20/15
Matrix:	Water	Received:	10/20/15
Units:	ug/L	Analyzed:	10/21/15
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	1.7	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-2-GW	Batch#:	228524
Lab ID:	270827-004	Sampled:	10/20/15
Matrix:	Water	Received:	10/20/15
Units:	ug/L	Analyzed:	10/21/15
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	1.9	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	8.8	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	3.9	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	1.1	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	11	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	4.2	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-128
1,2-Dichloroethane-d4	122	75-139
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809010	Batch#:	228496
Matrix:	Water	Analyzed:	10/20/15
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809010	Batch#:	228496
Matrix:	Water	Analyzed:	10/20/15
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-128
1,2-Dichloroethane-d4	109	75-139
Toluene-d8	105	80-120
Bromofluorobenzene	103	80-120

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	228524
MSS Lab ID:	270819-015	Sampled:	10/15/15
Matrix:	Water	Received:	10/20/15
Units:	ug/L	Analyzed:	10/21/15
Diln Fac:	1.000		

Type: MS Lab ID: QC809118

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	1.064	12.50	14.20	105	73-129
Benzene	<0.1000	12.50	13.73	110	80-120
Trichloroethene	0.2703	12.50	14.33	112	73-123
Toluene	<0.1000	12.50	14.64	117	80-120
Chlorobenzene	<0.1000	12.50	14.89	119	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-128
1,2-Dichloroethane-d4	116	75-139
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-120

Type: MSD Lab ID: QC809119

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	12.50	13.51	100	73-129	5	25
Benzene	12.50	13.38	107	80-120	3	20
Trichloroethene	12.50	13.65	107	73-123	5	20
Toluene	12.50	14.06	112	80-120	4	21
Chlorobenzene	12.50	14.43	115	80-120	3	24

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-128
1,2-Dichloroethane-d4	120	75-139
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-120

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809120	Batch#:	228524
Matrix:	Water	Analyzed:	10/21/15
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	2.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809120	Batch#:	228524
Matrix:	Water	Analyzed:	10/21/15
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-128
1,2-Dichloroethane-d4	120	75-139
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-120

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC809186	Batch#:	228524
Matrix:	Water	Analyzed:	10/21/15
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	12.50	12.59	101	66-135
Benzene	12.50	13.13	105	80-123
Trichloroethene	12.50	13.44	108	80-123
Toluene	12.50	13.94	112	80-121
Chlorobenzene	12.50	14.55	116	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-128
1,2-Dichloroethane-d4	119	75-139
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-120

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-1-5.0	Diln Fac:	0.7837
Lab ID:	270827-001	Batch#:	228527
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	dry	Analyzed:	10/21/15

Moisture: 20%

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-1-5.0	Diln Fac:	0.7837
Lab ID:	270827-001	Batch#:	228527
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	dry	Analyzed:	10/21/15

Analyte	Result	RL
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	92	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	104	78-123

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-2-5.0	Diln Fac:	1.062
Lab ID:	270827-002	Batch#:	228479
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	dry	Analyzed:	10/20/15

Moisture: 20%

Analyte	Result	RL
Freon 12	ND	13
Chloromethane	ND	13
Vinyl Chloride	ND	13
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	6.6
Acetone	ND	27
Freon 113	ND	6.6
1,1-Dichloroethene	ND	6.6
Methylene Chloride	ND	27
Carbon Disulfide	ND	6.6
MTBE	ND	6.6
trans-1,2-Dichloroethene	ND	6.6
Vinyl Acetate	ND	66
1,1-Dichloroethane	ND	6.6
2-Butanone	ND	13
cis-1,2-Dichloroethene	ND	6.6
2,2-Dichloropropane	ND	6.6
Chloroform	ND	6.6
Bromochloromethane	ND	6.6
1,1,1-Trichloroethane	ND	6.6
1,1-Dichloropropene	ND	6.6
Carbon Tetrachloride	ND	6.6
1,2-Dichloroethane	ND	6.6
Benzene	ND	6.6
Trichloroethene	ND	6.6
1,2-Dichloropropane	ND	6.6
Bromodichloromethane	ND	6.6
Dibromomethane	ND	6.6
4-Methyl-2-Pentanone	ND	13
cis-1,3-Dichloropropene	ND	6.6
Toluene	ND	6.6
trans-1,3-Dichloropropene	ND	6.6
1,1,2-Trichloroethane	ND	6.6
2-Hexanone	ND	13
1,3-Dichloropropane	ND	6.6
Tetrachloroethene	ND	6.6
Dibromochloromethane	ND	6.6
1,2-Dibromoethane	ND	6.6
Chlorobenzene	ND	6.6
1,1,1,2-Tetrachloroethane	ND	6.6
Ethylbenzene	ND	6.6
m,p-Xylenes	ND	6.6
o-Xylene	ND	6.6
Styrene	ND	6.6
Bromoform	ND	6.6
Isopropylbenzene	ND	6.6
1,1,2,2-Tetrachloroethane	ND	6.6
1,2,3-Trichloropropane	ND	6.6
Propylbenzene	ND	6.6
Bromobenzene	ND	6.6
1,3,5-Trimethylbenzene	ND	6.6

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IE-2-5.0	Diln Fac:	1.062
Lab ID:	270827-002	Batch#:	228479
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	dry	Analyzed:	10/20/15

Analyte	Result	RL
2-Chlorotoluene	ND	6.6
4-Chlorotoluene	ND	6.6
tert-Butylbenzene	ND	6.6
1,2,4-Trimethylbenzene	ND	6.6
sec-Butylbenzene	ND	6.6
para-Isopropyl Toluene	ND	6.6
1,3-Dichlorobenzene	ND	6.6
1,4-Dichlorobenzene	ND	6.6
n-Butylbenzene	ND	6.6
1,2-Dichlorobenzene	ND	6.6
1,2-Dibromo-3-Chloropropane	ND	6.6
1,2,4-Trichlorobenzene	ND	6.6
Hexachlorobutadiene	ND	6.6
Naphthalene	ND	6.6
1,2,3-Trichlorobenzene	ND	6.6

Surrogate	%REC	Limits
Dibromofluoromethane	120	78-134
1,2-Dichloroethane-d4	134	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected
 RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IDW-SOIL	Diln Fac:	0.9921
Lab ID:	270827-005	Batch#:	228582
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	as received	Analyzed:	10/22/15

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Purgeable Organics by GC/MS

Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	IDW-SOIL	Diln Fac:	0.9921
Lab ID:	270827-005	Batch#:	228582
Matrix:	Soil	Sampled:	10/20/15
Units:	ug/Kg	Received:	10/20/15
Basis:	as received	Analyzed:	10/22/15

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	109	78-134
1,2-Dichloroethane-d4	131	80-138
Toluene-d8	100	80-120
Bromofluorobenzene	100	78-123

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC808929	Batch#:	228479
Matrix:	Soil	Analyzed:	10/20/15
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.47	106	70-134
Benzene	25.00	26.62	106	80-123
Trichloroethene	25.00	26.28	105	80-128
Toluene	25.00	28.10	112	80-120
Chlorobenzene	25.00	28.17	113	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	120	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	97	78-123

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC808930	Batch#:	228479
Matrix:	Soil	Analyzed:	10/20/15
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC808930	Batch#:	228479
Matrix:	Soil	Analyzed:	10/20/15
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	111	78-134
1,2-Dichloroethane-d4	123	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	106	78-123

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	228479
MSS Lab ID:	270776-001	Sampled:	10/19/15
Matrix:	Soil	Received:	10/19/15
Units:	ug/Kg	Analyzed:	10/21/15
Basis:	as received		

Type: MS Diln Fac: 0.9843
 Lab ID: QC809006

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.9340	49.21	50.45	103	56-133
Benzene	<0.8969	49.21	49.85	101	57-120
Trichloroethene	<0.8302	49.21	53.69	109	49-145
Toluene	<0.7071	49.21	49.57	101	51-120
Chlorobenzene	<0.6820	49.21	46.94	95	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	110	78-134
1,2-Dichloroethane-d4	129	80-138
Toluene-d8	106	80-120
Bromofluorobenzene	96	78-123

Type: MSD Diln Fac: 0.9766
 Lab ID: QC809007

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.83	45.73	94	56-133	9	46
Benzene	48.83	45.34	93	57-120	9	44
Trichloroethene	48.83	50.24	103	49-145	6	46
Toluene	48.83	44.49	91	51-120	10	47
Chlorobenzene	48.83	43.11	88	47-120	8	50

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	127	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	103	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC809126	Batch#:	228527
Matrix:	Soil	Analyzed:	10/21/15
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.00	100	70-134
Benzene	25.00	28.00	112	80-123
Trichloroethene	25.00	26.88	108	80-128
Toluene	25.00	25.74	103	80-120
Chlorobenzene	25.00	25.30	101	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	101	78-134
1,2-Dichloroethane-d4	87	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	100	78-123

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809127	Batch#:	228527
Matrix:	Soil	Analyzed:	10/21/15
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5035
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809127	Batch#:	228527
Matrix:	Soil	Analyzed:	10/21/15
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-134
1,2-Dichloroethane-d4	89	80-138
Toluene-d8	94	80-120
Bromofluorobenzene	101	78-123

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	228527
MSS Lab ID:	270828-001	Sampled:	10/16/15
Matrix:	Soil	Received:	10/20/15
Units:	ug/Kg	Analyzed:	10/21/15
Basis:	as received		

Type: MS Diln Fac: 0.9804
 Lab ID: QC809208

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.4272	49.02	47.77	97	56-133
Benzene	<0.4236	49.02	51.98	106	57-120
Trichloroethene	<0.4069	49.02	51.42	105	49-145
Toluene	<0.3077	49.02	46.25	94	51-120
Chlorobenzene	<0.3837	49.02	44.08	90	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-134
1,2-Dichloroethane-d4	94	80-138
Toluene-d8	94	80-120
Bromofluorobenzene	101	78-123

Type: MSD Diln Fac: 0.9747
 Lab ID: QC809209

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.73	48.33	99	56-133	2	46
Benzene	48.73	52.71	108	57-120	2	44
Trichloroethene	48.73	51.20	105	49-145	0	46
Toluene	48.73	47.09	97	51-120	2	47
Chlorobenzene	48.73	44.14	91	47-120	1	50

Surrogate	%REC	Limits
Dibromofluoromethane	104	78-134
1,2-Dichloroethane-d4	93	80-138
Toluene-d8	95	80-120
Bromofluorobenzene	101	78-123

RPD= Relative Percent Difference

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC809348	Batch#:	228582
Matrix:	Soil	Analyzed:	10/22/15
Units:	ug/Kg		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	24.34	97	70-134
Benzene	25.00	24.58	98	80-123
Trichloroethene	25.00	24.87	99	80-128
Toluene	25.00	25.16	101	80-120
Chlorobenzene	25.00	26.27	105	80-123

Surrogate	%REC	Limits
Dibromofluoromethane	107	78-134
1,2-Dichloroethane-d4	127	80-138
Toluene-d8	103	80-120
Bromofluorobenzene	93	78-123

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809349	Batch#:	228582
Matrix:	Soil	Analyzed:	10/22/15
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809349	Batch#:	228582
Matrix:	Soil	Analyzed:	10/22/15
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	114	78-134
1,2-Dichloroethane-d4	127	80-138
Toluene-d8	102	80-120
Bromofluorobenzene	108	78-123

ND= Not Detected

RL= Reporting Limit

Batch QC Report

Purgeable Organics by GC/MS			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 5030B
Project#:	15-1325A	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Basis:	as received
MSS Lab ID:	270757-010	Batch#:	228582
Matrix:	Soil	Sampled:	10/15/15
Units:	ug/Kg	Received:	10/16/15

Type: MS Diln Fac: 0.9766
 Lab ID: QC809393 Analyzed: 10/22/15

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.9194	48.83	41.22	84	56-133
Benzene	<0.8829	48.83	45.41	93	57-120
Trichloroethene	<0.8172	48.83	67.73	139	49-145
Toluene	<0.6960	48.83	47.66	98	51-120
Chlorobenzene	<0.6713	48.83	46.31	95	47-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	78-134
1,2-Dichloroethane-d4	136	80-138
Toluene-d8	104	80-120
Bromofluorobenzene	94	78-123

Type: MSD Diln Fac: 0.9747
 Lab ID: QC809394 Analyzed: 10/23/15

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.73	47.42	97	56-133	14	46
Benzene	48.73	46.33	95	57-120	2	44
Trichloroethene	48.73	55.13	113	49-145	20	46
Toluene	48.73	48.17	99	51-120	1	47
Chlorobenzene	48.73	47.04	97	47-120	2	50

Surrogate	%REC	Limits
Dibromofluoromethane	103	78-134
1,2-Dichloroethane-d4	129	80-138
Toluene-d8	105	80-120
Bromofluorobenzene	91	78-123

RPD= Relative Percent Difference

California Title 22 Metals

Lab #:	270827	Project#:	15-1325A
Client:	Iris Environmental	Location:	9400 International, Oakland
Field ID:	IDW-SOIL	Basis:	as received
Lab ID:	270827-005	Diln Fac:	1.000
Matrix:	Soil	Sampled:	10/20/15
Units:	mg/Kg	Received:	10/20/15

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	0.55	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Arsenic	18	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Barium	150	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Beryllium	0.69	0.11	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Cadmium	ND	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Chromium	59	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Cobalt	8.7	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Copper	33	0.28	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Lead	9.4	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Mercury	0.046	0.017	228660	10/25/15	10/26/15	METHOD	EPA 7471A
Molybdenum	ND	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Nickel	42	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Selenium	ND	0.55	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Silver	ND	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Thallium	ND	0.55	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Vanadium	62	0.27	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B
Zinc	62	1.1	228638	10/23/15	10/25/15	EPA 3050B	EPA 6010B

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3050B
Project#:	15-1325A	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809587	Batch#:	228638
Matrix:	Soil	Prepared:	10/23/15
Units:	mg/Kg	Analyzed:	10/25/15

Analyte	Result	RL
Antimony	ND	0.50
Arsenic	ND	0.25
Barium	ND	0.25
Beryllium	ND	0.10
Cadmium	ND	0.25
Chromium	ND	0.25
Cobalt	ND	0.25
Copper	ND	0.26
Lead	ND	0.25
Molybdenum	ND	0.25
Nickel	ND	0.25
Selenium	ND	0.50
Silver	ND	0.25
Thallium	ND	0.50
Vanadium	ND	0.25
Zinc	ND	1.0

ND= Not Detected

RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3050B
Project#:	15-1325A	Analysis:	EPA 6010B
Matrix:	Soil	Batch#:	228638
Units:	mg/Kg	Prepared:	10/23/15
Diln Fac:	5.000	Analyzed:	10/25/15

Type: BS Lab ID: QC809588

Analyte	Spiked	Result	%REC	Limits
Antimony	50.00	53.12	106	80-120
Arsenic	50.00	55.63	111	80-120
Barium	50.00	55.10	110	80-120
Beryllium	50.00	55.34	111	80-120
Cadmium	50.00	55.18	110	80-120
Chromium	50.00	55.90	112	80-120
Cobalt	50.00	52.60	105	80-120
Copper	50.00	54.60	109	80-120
Lead	50.00	53.78	108	80-120
Molybdenum	50.00	54.23	108	80-120
Nickel	50.00	53.29	107	80-120
Selenium	50.00	56.63	113	80-120
Silver	50.00	54.08	108	80-120
Thallium	50.00	54.87	110	80-120
Vanadium	50.00	58.23	116	80-120
Zinc	50.00	55.11	110	80-120

Type: BSD Lab ID: QC809589

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	50.00	50.74	101	80-120	5	20
Arsenic	50.00	52.79	106	80-120	5	20
Barium	50.00	50.97	102	80-120	8	20
Beryllium	50.00	51.38	103	80-120	7	20
Cadmium	50.00	51.92	104	80-120	6	20
Chromium	50.00	52.44	105	80-120	6	20
Cobalt	50.00	49.67	99	80-120	6	20
Copper	50.00	50.45	101	80-120	8	20
Lead	50.00	50.87	102	80-120	6	20
Molybdenum	50.00	51.35	103	80-120	5	20
Nickel	50.00	50.55	101	80-120	5	20
Selenium	50.00	52.91	106	80-120	7	20
Silver	50.00	50.89	102	80-120	6	20
Thallium	50.00	51.81	104	80-120	6	20
Vanadium	50.00	54.82	110	80-120	6	20
Zinc	50.00	51.76	104	80-120	6	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	EPA 3050B
Project#:	15-1325A	Analysis:	EPA 6010B
Field ID:	IDW-SOIL	Batch#:	228638
MSS Lab ID:	270827-005	Sampled:	10/20/15
Matrix:	Soil	Received:	10/20/15
Units:	mg/Kg	Prepared:	10/23/15
Basis:	as received	Analyzed:	10/25/15
Diln Fac:	5.000		

Type: MS Lab ID: QC809590

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<0.1746	48.08	19.30	40	15-120
Arsenic	18.20	48.08	56.01	79	69-120
Barium	151.6	48.08	1,074	1919 *	35-154
Beryllium	0.6879	48.08	48.73	100	75-120
Cadmium	0.1319	48.08	46.30	96	71-120
Chromium	58.54	48.08	93.91	74	57-133
Cobalt	8.679	48.08	52.89	92	56-125
Copper	32.98	48.08	74.04	85	54-144
Lead	9.380	48.08	51.66	88	53-125
Molybdenum	<0.06170	48.08	44.55	93	66-120
Nickel	42.09	48.08	86.23	92	44-141
Selenium	<0.1607	48.08	39.47	82	61-120
Silver	<0.08215	48.08	47.19	98	69-120
Thallium	<0.1792	48.08	43.29	90	59-120
Vanadium	62.19	48.08	105.6	90	52-144
Zinc	62.19	48.08	94.42	67	45-145

Type: MSD Lab ID: QC809591

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	46.30	23.59	51	15-120	24	41
Arsenic	46.30	56.28	82	69-120	3	35
Barium	46.30	215.0	137	35-154	133 *	36
Beryllium	46.30	47.43	101	75-120	1	20
Cadmium	46.30	46.68	101	71-120	5	25
Chromium	46.30	106.1	103	57-133	14	33
Cobalt	46.30	55.13	100	56-125	7	36
Copper	46.30	80.26	102	54-144	10	38
Lead	46.30	56.07	101	53-125	11	42
Molybdenum	46.30	43.27	93	66-120	1	20
Nickel	46.30	107.5	141	44-141	24	39
Selenium	46.30	35.64	77	61-120	6	33
Silver	46.30	45.08	97	69-120	1	22
Thallium	46.30	43.48	94	59-120	4	27
Vanadium	46.30	109.3	102	52-144	5	29
Zinc	46.30	115.3	115	45-145	22	39

*= Value outside of QC limits; see narrative

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	228660
Lab ID:	QC809676	Prepared:	10/25/15
Matrix:	Soil	Analyzed:	10/26/15
Units:	mg/Kg		

Result	RL
ND	0.017

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA 7471A
Analyte:	Mercury	Batch#:	228660
Matrix:	Soil	Prepared:	10/25/15
Units:	mg/Kg	Analyzed:	10/26/15
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC809677	0.2083	0.1990	96	80-120		
BSD	QC809678	0.2083	0.2170	104	80-120	9	20

RPD= Relative Percent Difference

Batch QC Report

California Title 22 Metals			
Lab #:	270827	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA 7471A
Analyte:	Mercury	Diln Fac:	1.000
Field ID:	IDW-SOIL	Batch#:	228660
MSS Lab ID:	270827-005	Sampled:	10/20/15
Matrix:	Soil	Received:	10/20/15
Units:	mg/Kg	Prepared:	10/25/15
Basis:	as received	Analyzed:	10/26/15

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC809679	0.04554	0.1894	0.2722	120	69-142		
MSD	QC809680		0.2083	0.2798	112	69-142	5	36

RPD= Relative Percent Difference



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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 270786
ANALYTICAL REPORT**

Iris Environmental
1438 Webster Street
Oakland, CA 94612

Project : 15-1325A
Location : 9400 International, Oakland
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
IE-5-SG	270786-001
IE-6-SG	270786-002
IE-7-SG	270786-003
IE-8-SG	270786-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Tracy Babjar
Project Manager
tracy.babjar@ctberk.com
(510) 204-2226

Date: 10/20/2015

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 270786
Client: Iris Environmental
Project: 15-1325A
Location: 9400 International, Oakland
Request Date: 10/19/15
Samples Received: 10/19/15

This data package contains sample and QC results for four air samples, requested for the above referenced project on 10/19/15. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):

High responses were observed for 2-hexanone and naphthalene in the CCV analyzed 10/19/15 11:25; affected data was qualified with "b". High recoveries were observed for 2-hexanone and naphthalene in the BS/BSD for batch 228436; these analytes were not detected at or above the RL in the associated samples. High RPD was observed for naphthalene; this analyte was not detected at or above the RL in the associated samples. No other analytical problems were encountered.

IRIS ENVIRONMENTAL CHAIN-OF-CUSTODY

1438 Webster Street, Suite 302
 Oakland, California 94612
 (510) 834-4747 tel
 (510) 834-4199 fax

270786

Sampler Name(s):

Kalle Jahn

Signature(s):

Kalle Jahn
 VAC.P

Sample ID	Date	Time	Matrix	Pres.
1E-S-SG	91/A00203	10/19/15	SG	28 15
1E-S-SG	249/A00170	10/19/15		27.5 15
1E-7-SG	148/A00183	10/19/15		28 20
1E-8-SG	315/A00193	10/19/15		27 20

PROJECT INFORMATION

Project Name: 9400 International Blvd
 Project Number: 15-1325A
 Contact Person: K. Jahn, N. Leizeaux
 E-mail: kalle@irisenv.com, nleizeaux@irisenv.com
 Contact Telephone: x 27
 Report: Routine (Level 2) Level 3 Level 4 **EDD**
 TAT: 10-day 5-day 72-hr 48-hr **24-hr** Other:

Special Instructions/Comments:

tight spots, unable to grab full samples @ all, except 1E-8-SG

Analyses Required

Analyses Required	Number of Containers
1E-S-SG	1
1E-S-SG	1
1E-7-SG	1
1E-8-SG	1

RELINQUISHED BY:

Printed Name: Kalle Jahn
 Signature: *Kalle Jahn*
 Company: IRIS

Time/Date: 1600 10/19/15

RECEIVED BY:

Printed Name: Iva Cheng
 Signature: *Iva Cheng*
 Company: IRIS
 Time/Date: 1600 10/19/15

COOLER RECEIPT CHECKLIST



Login # 270786 Date Received 10/19/15 Number of coolers 0
 Client IRIS Project 9400 Internationals Blvd
 Date Opened 10/19/15 By (print) AA (sign) [Signature]
 Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
 Shipping info _____

2A. Were custody seals present? YES (circle) on cooler on samples NO
 How many _____ Name _____ Date _____

2B. Were custody seals intact upon arrival? _____ YES NO (N/A)

3. Were custody papers dry and intact when received? _____ YES NO

4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO

5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO

6. Indicate the packing in cooler: (if other, describe) _____
 Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: Wet Blue/Gel None Temp(°C) _____

Samples Received on ice & cold without a temperature blank

Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
 If YES, what time were they transferred to freezer? _____

9. Did all bottles arrive unbroken/unopened? _____ YES NO

10. Are there any missing / extra samples? _____ YES (NO)

11. Are samples in the appropriate containers for indicated tests? _____ YES NO

12. Are sample labels present, in good condition and complete? _____ YES NO

13. Do the sample labels agree with custody papers? _____ YES NO

14. Was sufficient amount of sample sent for tests requested? _____ YES NO

15. Are the samples appropriately preserved? _____ YES NO (N/A)

16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)

17. Did you document your preservative check? _____ YES NO (N/A)

18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)

19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)

20. Are bubbles > 6mm absent in VOA samples? _____ YES NO (N/A)

21. Was the client contacted concerning this sample delivery? _____ YES (NO)
 If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-5-SG	Batch#:	228436
Lab ID:	270786-001	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	3.650		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	1.8	ND	9.0	ug/m3
Freon 114	ND	1.8	ND	13	ug/m3
Chloromethane	ND	1.8	ND	3.8	ug/m3
Vinyl Chloride	ND	1.8	ND	4.7	ug/m3
1,3-Butadiene	ND	1.8	ND	4.0	ug/m3
Bromomethane	ND	1.8	ND	7.1	ug/m3
Chloroethane	ND	1.8	ND	4.8	ug/m3
Trichlorofluoromethane	ND	1.8	ND	10	ug/m3
Acrolein	ND	7.3	ND	17	ug/m3
1,1-Dichloroethene	ND	1.8	ND	7.2	ug/m3
Freon 113	ND	1.8	ND	14	ug/m3
Acetone	9.2	7.3	22	17	ug/m3
Carbon Disulfide	ND	1.8	ND	5.7	ug/m3
Methylene Chloride	ND	1.8	ND	6.3	ug/m3
trans-1,2-Dichloroethene	ND	1.8	ND	7.2	ug/m3
MTBE	ND	1.8	ND	6.6	ug/m3
n-Hexane	ND	1.8	ND	6.4	ug/m3
1,1-Dichloroethane	ND	1.8	ND	7.4	ug/m3
Vinyl Acetate	ND	1.8	ND	6.4	ug/m3
cis-1,2-Dichloroethene	ND	1.8	ND	7.2	ug/m3
2-Butanone	ND	1.8	ND	5.4	ug/m3
Ethyl Acetate	ND	1.8	ND	6.6	ug/m3
Tetrahydrofuran	ND	1.8	ND	5.4	ug/m3
Chloroform	ND	1.8	ND	8.9	ug/m3
1,1,1-Trichloroethane	ND	1.8	ND	10	ug/m3
Cyclohexane	ND	1.8	ND	6.3	ug/m3
Carbon Tetrachloride	ND	1.8	ND	11	ug/m3
Benzene	ND	1.8	ND	5.8	ug/m3
1,2-Dichloroethane	ND	1.8	ND	7.4	ug/m3
n-Heptane	ND	1.8	ND	7.5	ug/m3
Trichloroethene	ND	1.8	ND	9.8	ug/m3
1,2-Dichloropropane	ND	1.8	ND	8.4	ug/m3
Bromodichloromethane	ND	1.8	ND	12	ug/m3
cis-1,3-Dichloropropene	ND	1.8	ND	8.3	ug/m3
4-Methyl-2-Pentanone	1.9	1.8	7.6	7.5	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-5-SG	Batch#:	228436
Lab ID:	270786-001	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	3.650		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	1.8	ND	6.9	ug/m3
trans-1,3-Dichloropropene	ND	1.8	ND	8.3	ug/m3
1,1,2-Trichloroethane	ND	1.8	ND	10	ug/m3
Tetrachloroethene	ND	1.8	ND	12	ug/m3
2-Hexanone	ND	1.8	ND	7.5	ug/m3
Dibromochloromethane	ND	1.8	ND	16	ug/m3
1,2-Dibromoethane	ND	1.8	ND	14	ug/m3
Chlorobenzene	ND	1.8	ND	8.4	ug/m3
Ethylbenzene	ND	1.8	ND	7.9	ug/m3
m,p-Xylenes	ND	1.8	ND	7.9	ug/m3
o-Xylene	ND	1.8	ND	7.9	ug/m3
Styrene	ND	1.8	ND	7.8	ug/m3
Bromoform	ND	1.8	ND	19	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.8	ND	13	ug/m3
4-Ethyltoluene	ND	1.8	ND	9.0	ug/m3
1,3,5-Trimethylbenzene	ND	1.8	ND	9.0	ug/m3
1,2,4-Trimethylbenzene	ND	1.8	ND	9.0	ug/m3
1,3-Dichlorobenzene	ND	1.8	ND	11	ug/m3
1,4-Dichlorobenzene	ND	1.8	ND	11	ug/m3
Benzyl chloride	ND	1.8	ND	9.4	ug/m3
1,2-Dichlorobenzene	ND	1.8	ND	11	ug/m3
1,2,4-Trichlorobenzene	ND	1.8	ND	14	ug/m3
Hexachlorobutadiene	ND	1.8	ND	19	ug/m3
Naphthalene	ND	7.3	ND	38	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	98	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-6-SG	Batch#:	228436
Lab ID:	270786-002	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	3.680		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	1.8	ND	9.1	ug/m3
Freon 114	ND	1.8	ND	13	ug/m3
Chloromethane	ND	1.8	ND	3.8	ug/m3
Vinyl Chloride	ND	1.8	ND	4.7	ug/m3
1,3-Butadiene	ND	1.8	ND	4.1	ug/m3
Bromomethane	ND	1.8	ND	7.1	ug/m3
Chloroethane	ND	1.8	ND	4.9	ug/m3
Trichlorofluoromethane	ND	1.8	ND	10	ug/m3
Acrolein	ND	7.4	ND	17	ug/m3
1,1-Dichloroethene	ND	1.8	ND	7.3	ug/m3
Freon 113	ND	1.8	ND	14	ug/m3
Acetone	13	7.4	31	17	ug/m3
Carbon Disulfide	ND	1.8	ND	5.7	ug/m3
Methylene Chloride	ND	1.8	ND	6.4	ug/m3
trans-1,2-Dichloroethene	ND	1.8	ND	7.3	ug/m3
MTBE	ND	1.8	ND	6.6	ug/m3
n-Hexane	ND	1.8	ND	6.5	ug/m3
1,1-Dichloroethane	ND	1.8	ND	7.4	ug/m3
Vinyl Acetate	ND	1.8	ND	6.5	ug/m3
cis-1,2-Dichloroethene	ND	1.8	ND	7.3	ug/m3
2-Butanone	1.9	1.8	5.5	5.4	ug/m3
Ethyl Acetate	ND	1.8	ND	6.6	ug/m3
Tetrahydrofuran	ND	1.8	ND	5.4	ug/m3
Chloroform	ND	1.8	ND	9.0	ug/m3
1,1,1-Trichloroethane	ND	1.8	ND	10	ug/m3
Cyclohexane	2.4	1.8	8.1	6.3	ug/m3
Carbon Tetrachloride	ND	1.8	ND	12	ug/m3
Benzene	3.4	1.8	11	5.9	ug/m3
1,2-Dichloroethane	ND	1.8	ND	7.4	ug/m3
n-Heptane	ND	1.8	ND	7.5	ug/m3
Trichloroethene	ND	1.8	ND	9.9	ug/m3
1,2-Dichloropropane	ND	1.8	ND	8.5	ug/m3
Bromodichloromethane	ND	1.8	ND	12	ug/m3
cis-1,3-Dichloropropene	ND	1.8	ND	8.4	ug/m3
4-Methyl-2-Pentanone	ND	1.8	ND	7.5	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-6-SG	Batch#:	228436
Lab ID:	270786-002	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	3.680		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	2.1	1.8	7.8	6.9	ug/m3
trans-1,3-Dichloropropene	ND	1.8	ND	8.4	ug/m3
1,1,2-Trichloroethane	ND	1.8	ND	10	ug/m3
Tetrachloroethene	ND	1.8	ND	12	ug/m3
2-Hexanone	ND	1.8	ND	7.5	ug/m3
Dibromochloromethane	ND	1.8	ND	16	ug/m3
1,2-Dibromoethane	ND	1.8	ND	14	ug/m3
Chlorobenzene	ND	1.8	ND	8.5	ug/m3
Ethylbenzene	ND	1.8	ND	8.0	ug/m3
m,p-Xylenes	ND	1.8	ND	8.0	ug/m3
o-Xylene	ND	1.8	ND	8.0	ug/m3
Styrene	ND	1.8	ND	7.8	ug/m3
Bromoform	ND	1.8	ND	19	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.8	ND	13	ug/m3
4-Ethyltoluene	ND	1.8	ND	9.0	ug/m3
1,3,5-Trimethylbenzene	ND	1.8	ND	9.0	ug/m3
1,2,4-Trimethylbenzene	ND	1.8	ND	9.0	ug/m3
1,3-Dichlorobenzene	ND	1.8	ND	11	ug/m3
1,4-Dichlorobenzene	ND	1.8	ND	11	ug/m3
Benzyl chloride	ND	1.8	ND	9.5	ug/m3
1,2-Dichlorobenzene	ND	1.8	ND	11	ug/m3
1,2,4-Trichlorobenzene	ND	1.8	ND	14	ug/m3
Hexachlorobutadiene	ND	1.8	ND	20	ug/m3
Naphthalene	ND	7.4	ND	39	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	96	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air

Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-7-SG	Batch#:	228436
Lab ID:	270786-003	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	4.060		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	2.0	ND	10	ug/m3
Freon 114	ND	2.0	ND	14	ug/m3
Chloromethane	ND	2.0	ND	4.2	ug/m3
Vinyl Chloride	ND	2.0	ND	5.2	ug/m3
1,3-Butadiene	ND	2.0	ND	4.5	ug/m3
Bromomethane	ND	2.0	ND	7.9	ug/m3
Chloroethane	ND	2.0	ND	5.4	ug/m3
Trichlorofluoromethane	ND	2.0	ND	11	ug/m3
Acrolein	ND	8.1	ND	19	ug/m3
1,1-Dichloroethene	ND	2.0	ND	8.0	ug/m3
Freon 113	ND	2.0	ND	16	ug/m3
Acetone	8.3	8.1	20	19	ug/m3
Carbon Disulfide	ND	2.0	ND	6.3	ug/m3
Methylene Chloride	ND	2.0	ND	7.1	ug/m3
trans-1,2-Dichloroethene	ND	2.0	ND	8.0	ug/m3
MTBE	ND	2.0	ND	7.3	ug/m3
n-Hexane	ND	2.0	ND	7.2	ug/m3
1,1-Dichloroethane	ND	2.0	ND	8.2	ug/m3
Vinyl Acetate	ND	2.0	ND	7.1	ug/m3
cis-1,2-Dichloroethene	ND	2.0	ND	8.0	ug/m3
2-Butanone	ND	2.0	ND	6.0	ug/m3
Ethyl Acetate	ND	2.0	ND	7.3	ug/m3
Tetrahydrofuran	ND	2.0	ND	6.0	ug/m3
Chloroform	ND	2.0	ND	9.9	ug/m3
1,1,1-Trichloroethane	ND	2.0	ND	11	ug/m3
Cyclohexane	ND	2.0	ND	7.0	ug/m3
Carbon Tetrachloride	ND	2.0	ND	13	ug/m3
Benzene	ND	2.0	ND	6.5	ug/m3
1,2-Dichloroethane	ND	2.0	ND	8.2	ug/m3
n-Heptane	ND	2.0	ND	8.3	ug/m3
Trichloroethene	ND	2.0	ND	11	ug/m3
1,2-Dichloropropane	ND	2.0	ND	9.4	ug/m3
Bromodichloromethane	ND	2.0	ND	14	ug/m3
cis-1,3-Dichloropropene	ND	2.0	ND	9.2	ug/m3
4-Methyl-2-Pentanone	3.3	2.0	13	8.3	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-7-SG	Batch#:	228436
Lab ID:	270786-003	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	4.060		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	2.0	ND	7.7	ug/m3
trans-1,3-Dichloropropene	ND	2.0	ND	9.2	ug/m3
1,1,2-Trichloroethane	ND	2.0	ND	11	ug/m3
Tetrachloroethene	ND	2.0	ND	14	ug/m3
2-Hexanone	ND	2.0	ND	8.3	ug/m3
Dibromochloromethane	ND	2.0	ND	17	ug/m3
1,2-Dibromoethane	ND	2.0	ND	16	ug/m3
Chlorobenzene	ND	2.0	ND	9.3	ug/m3
Ethylbenzene	ND	2.0	ND	8.8	ug/m3
m,p-Xylenes	ND	2.0	ND	8.8	ug/m3
o-Xylene	ND	2.0	ND	8.8	ug/m3
Styrene	ND	2.0	ND	8.6	ug/m3
Bromoform	ND	2.0	ND	21	ug/m3
1,1,2,2-Tetrachloroethane	ND	2.0	ND	14	ug/m3
4-Ethyltoluene	ND	2.0	ND	10	ug/m3
1,3,5-Trimethylbenzene	ND	2.0	ND	10	ug/m3
1,2,4-Trimethylbenzene	ND	2.0	ND	10	ug/m3
1,3-Dichlorobenzene	ND	2.0	ND	12	ug/m3
1,4-Dichlorobenzene	ND	2.0	ND	12	ug/m3
Benzyl chloride	ND	2.0	ND	11	ug/m3
1,2-Dichlorobenzene	ND	2.0	ND	12	ug/m3
1,2,4-Trichlorobenzene	ND	2.0	ND	15	ug/m3
Hexachlorobutadiene	ND	2.0	ND	22	ug/m3
Naphthalene	ND	8.1	ND	43	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	95	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air

Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-8-SG	Batch#:	228436
Lab ID:	270786-004	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	1.710		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	0.86	ND	4.2	ug/m3
Freon 114	ND	0.86	ND	6.0	ug/m3
Chloromethane	ND	0.86	ND	1.8	ug/m3
Vinyl Chloride	ND	0.86	ND	2.2	ug/m3
1,3-Butadiene	ND	0.86	ND	1.9	ug/m3
Bromomethane	ND	0.86	ND	3.3	ug/m3
Chloroethane	ND	0.86	ND	2.3	ug/m3
Trichlorofluoromethane	ND	0.86	ND	4.8	ug/m3
Acrolein	ND	3.4	ND	7.8	ug/m3
1,1-Dichloroethene	ND	0.86	ND	3.4	ug/m3
Freon 113	ND	0.86	ND	6.6	ug/m3
Acetone	13	3.4	32	8.1	ug/m3
Carbon Disulfide	3.7	0.86	12	2.7	ug/m3
Methylene Chloride	ND	0.86	ND	3.0	ug/m3
trans-1,2-Dichloroethene	ND	0.86	ND	3.4	ug/m3
MTBE	ND	0.86	ND	3.1	ug/m3
n-Hexane	ND	0.86	ND	3.0	ug/m3
1,1-Dichloroethane	ND	0.86	ND	3.5	ug/m3
Vinyl Acetate	ND	0.86	ND	3.0	ug/m3
cis-1,2-Dichloroethene	ND	0.86	ND	3.4	ug/m3
2-Butanone	2.7	0.86	7.9	2.5	ug/m3
Ethyl Acetate	ND	0.86	ND	3.1	ug/m3
Tetrahydrofuran	ND	0.86	ND	2.5	ug/m3
Chloroform	ND	0.86	ND	4.2	ug/m3
1,1,1-Trichloroethane	ND	0.86	ND	4.7	ug/m3
Cyclohexane	0.89	0.86	3.1	2.9	ug/m3
Carbon Tetrachloride	ND	0.86	ND	5.4	ug/m3
Benzene	1.6	0.86	5.0	2.7	ug/m3
1,2-Dichloroethane	ND	0.86	ND	3.5	ug/m3
n-Heptane	1.1	0.86	4.4	3.5	ug/m3
Trichloroethene	ND	0.86	ND	4.6	ug/m3
1,2-Dichloropropane	ND	0.86	ND	4.0	ug/m3
Bromodichloromethane	ND	0.86	ND	5.7	ug/m3
cis-1,3-Dichloropropene	ND	0.86	ND	3.9	ug/m3
4-Methyl-2-Pentanone	1.9	0.86	7.8	3.5	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-8-SG	Batch#:	228436
Lab ID:	270786-004	Sampled:	10/19/15
Matrix:	Air	Received:	10/19/15
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	1.710		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	1.6	0.86	6.1	3.2	ug/m3
trans-1,3-Dichloropropene	ND	0.86	ND	3.9	ug/m3
1,1,2-Trichloroethane	ND	0.86	ND	4.7	ug/m3
Tetrachloroethene	ND	0.86	ND	5.8	ug/m3
2-Hexanone	ND	0.86	ND	3.5	ug/m3
Dibromochloromethane	ND	0.86	ND	7.3	ug/m3
1,2-Dibromoethane	ND	0.86	ND	6.6	ug/m3
Chlorobenzene	ND	0.86	ND	3.9	ug/m3
Ethylbenzene	ND	0.86	ND	3.7	ug/m3
m,p-Xylenes	ND	0.86	ND	3.7	ug/m3
o-Xylene	ND	0.86	ND	3.7	ug/m3
Styrene	ND	0.86	ND	3.6	ug/m3
Bromoform	ND	0.86	ND	8.8	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.86	ND	5.9	ug/m3
4-Ethyltoluene	ND	0.86	ND	4.2	ug/m3
1,3,5-Trimethylbenzene	ND	0.86	ND	4.2	ug/m3
1,2,4-Trimethylbenzene	ND	0.86	ND	4.2	ug/m3
1,3-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
1,4-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
Benzyl chloride	ND	0.86	ND	4.4	ug/m3
1,2-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
1,2,4-Trichlorobenzene	ND	0.86	ND	6.3	ug/m3
Hexachlorobutadiene	ND	0.86	ND	9.1	ug/m3
Naphthalene	ND	3.4	ND	18	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	97	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	228436
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits
Bromodichloromethane	5.000	5.097	102	70-130
cis-1,3-Dichloropropene	5.000	5.315	106	70-130
4-Methyl-2-Pentanone	5.000	6.205	124	70-130
Toluene	5.000	5.129	103	70-130
trans-1,3-Dichloropropene	5.000	5.302	106	70-130
1,1,2-Trichloroethane	5.000	5.350	107	70-130
Tetrachloroethene	5.000	5.063	101	70-130
2-Hexanone	5.000	6.597 b	132 *	70-130
Dibromochloromethane	5.000	4.637	93	70-130
1,2-Dibromoethane	5.000	4.932	99	70-130
Chlorobenzene	5.000	5.189	104	70-130
Ethylbenzene	5.000	5.337	107	70-130
m,p-Xylenes	10.000	10.96	110	70-130
o-Xylene	5.000	5.403	108	70-130
Styrene	5.000	4.733	95	70-130
Bromoform	5.000	4.795	96	70-130
1,1,2,2-Tetrachloroethane	5.000	5.189	104	70-130
4-Ethyltoluene	5.000	5.267	105	70-130
1,3,5-Trimethylbenzene	5.000	4.931	99	70-130
1,2,4-Trimethylbenzene	5.000	5.053	101	70-130
1,3-Dichlorobenzene	5.000	4.998	100	70-130
1,4-Dichlorobenzene	5.000	4.899	98	70-130
Benzyl chloride	5.000	5.003	100	70-130
1,2-Dichlorobenzene	5.000	4.901	98	70-130
1,2,4-Trichlorobenzene	5.000	6.193	124	70-130
Hexachlorobutadiene	5.000	6.468	129	70-130
Naphthalene	5.000	7.598 b	152 *	70-130

Surrogate	%REC	Limits
Bromofluorobenzene	97	70-130

*= Value outside of QC limits; see narrative

b= See narrative

RPD= Relative Percent Difference

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	228436
Units (V):	ppbv	Analyzed:	10/19/15
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
Bromodichloromethane	5.000	5.146	103	70-130	1	25
cis-1,3-Dichloropropene	5.000	5.259	105	70-130	1	25
4-Methyl-2-Pentanone	5.000	6.274	125	70-130	1	25
Toluene	5.000	5.087	102	70-130	1	25
trans-1,3-Dichloropropene	5.000	5.360	107	70-130	1	25
1,1,2-Trichloroethane	5.000	5.139	103	70-130	4	25
Tetrachloroethene	5.000	5.032	101	70-130	1	25
2-Hexanone	5.000	6.710 b	134 *	70-130	2	25
Dibromochloromethane	5.000	4.582	92	70-130	1	25
1,2-Dibromoethane	5.000	4.818	96	70-130	2	25
Chlorobenzene	5.000	5.151	103	70-130	1	25
Ethylbenzene	5.000	5.178	104	70-130	3	25
m,p-Xylenes	10.000	10.85	109	70-130	1	25
o-Xylene	5.000	5.399	108	70-130	0	25
Styrene	5.000	4.871	97	70-130	3	25
Bromoform	5.000	4.837	97	70-130	1	25
1,1,2,2-Tetrachloroethane	5.000	5.156	103	70-130	1	25
4-Ethyltoluene	5.000	5.167	103	70-130	2	25
1,3,5-Trimethylbenzene	5.000	4.680	94	70-130	5	25
1,2,4-Trimethylbenzene	5.000	4.797	96	70-130	5	25
1,3-Dichlorobenzene	5.000	4.902	98	70-130	2	25
1,4-Dichlorobenzene	5.000	4.664	93	70-130	5	25
Benzyl chloride	5.000	4.953	99	70-130	1	25
1,2-Dichlorobenzene	5.000	4.878	98	70-130	0	25
1,2,4-Trichlorobenzene	5.000	4.858	97	70-130	24	25
Hexachlorobutadiene	5.000	5.975	120	70-130	8	25
Naphthalene	5.000	5.813 b	116	70-130	27 *	25

Surrogate	%REC	Limits
Bromofluorobenzene	93	70-130

*= Value outside of QC limits; see narrative

b= See narrative

RPD= Relative Percent Difference

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC808764	Batch#:	228436
Matrix:	Air	Analyzed:	10/19/15
Units (V):	ppbv		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	0.50	ND	2.5	ug/m3
Freon 114	ND	0.50	ND	3.5	ug/m3
Chloromethane	ND	0.50	ND	1.0	ug/m3
Vinyl Chloride	ND	0.50	ND	1.3	ug/m3
1,3-Butadiene	ND	0.50	ND	1.1	ug/m3
Bromomethane	ND	0.50	ND	1.9	ug/m3
Chloroethane	ND	0.50	ND	1.3	ug/m3
Trichlorofluoromethane	ND	0.50	ND	2.8	ug/m3
Acrolein	ND	2.0	ND	4.6	ug/m3
1,1-Dichloroethene	ND	0.50	ND	2.0	ug/m3
Freon 113	ND	0.50	ND	3.8	ug/m3
Acetone	ND	2.0	ND	4.8	ug/m3
Carbon Disulfide	ND	0.50	ND	1.6	ug/m3
Methylene Chloride	ND	0.50	ND	1.7	ug/m3
trans-1,2-Dichloroethene	ND	0.50	ND	2.0	ug/m3
MTBE	ND	0.50	ND	1.8	ug/m3
n-Hexane	ND	0.50	ND	1.8	ug/m3
1,1-Dichloroethane	ND	0.50	ND	2.0	ug/m3
Vinyl Acetate	ND	0.50	ND	1.8	ug/m3
cis-1,2-Dichloroethene	ND	0.50	ND	2.0	ug/m3
2-Butanone	ND	0.50	ND	1.5	ug/m3
Ethyl Acetate	ND	0.50	ND	1.8	ug/m3
Tetrahydrofuran	ND	0.50	ND	1.5	ug/m3
Chloroform	ND	0.50	ND	2.4	ug/m3
1,1,1-Trichloroethane	ND	0.50	ND	2.7	ug/m3
Cyclohexane	ND	0.50	ND	1.7	ug/m3
Carbon Tetrachloride	ND	0.50	ND	3.1	ug/m3
Benzene	ND	0.50	ND	1.6	ug/m3
1,2-Dichloroethane	ND	0.50	ND	2.0	ug/m3
n-Heptane	ND	0.50	ND	2.0	ug/m3
Trichloroethene	ND	0.50	ND	2.7	ug/m3
1,2-Dichloropropane	ND	0.50	ND	2.3	ug/m3
Bromodichloromethane	ND	0.50	ND	3.4	ug/m3
cis-1,3-Dichloropropene	ND	0.50	ND	2.3	ug/m3
4-Methyl-2-Pentanone	ND	0.50	ND	2.0	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270786	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC808764	Batch#:	228436
Matrix:	Air	Analyzed:	10/19/15
Units (V):	ppbv		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	0.50	ND	1.9	ug/m3
trans-1,3-Dichloropropene	ND	0.50	ND	2.3	ug/m3
1,1,2-Trichloroethane	ND	0.50	ND	2.7	ug/m3
Tetrachloroethene	ND	0.50	ND	3.4	ug/m3
2-Hexanone	ND	0.50	ND	2.0	ug/m3
Dibromochloromethane	ND	0.50	ND	4.3	ug/m3
1,2-Dibromoethane	ND	0.50	ND	3.8	ug/m3
Chlorobenzene	ND	0.50	ND	2.3	ug/m3
Ethylbenzene	ND	0.50	ND	2.2	ug/m3
m,p-Xylenes	ND	0.50	ND	2.2	ug/m3
o-Xylene	ND	0.50	ND	2.2	ug/m3
Styrene	ND	0.50	ND	2.1	ug/m3
Bromoform	ND	0.50	ND	5.2	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.50	ND	3.4	ug/m3
4-Ethyltoluene	ND	0.50	ND	2.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.50	ND	2.5	ug/m3
1,3-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
1,4-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
Benzyl chloride	ND	0.50	ND	2.6	ug/m3
1,2-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
1,2,4-Trichlorobenzene	ND	0.50	ND	3.7	ug/m3
Hexachlorobutadiene	ND	0.50	ND	5.3	ug/m3
Naphthalene	ND	2.0	ND	10	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	95	70-130	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units



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2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

**Laboratory Job Number 270899
ANALYTICAL REPORT**

Iris Environmental
1438 Webster Street
Oakland, CA 94612

Project : 15-1325A
Location : 9400 International, Oakland
Level : II

<u>Sample ID</u>	<u>Lab ID</u>
IE-1-SG	270899-001
IE-4-SG	270899-002
IE-3-SG	270899-003
IE-2-SG	270899-004

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Tracy Babjar
Project Manager
tracy.babjar@ctberk.com
(510) 204-2226

Date: 10/23/2015

CA ELAP# 2896, NELAP# 4044-001

CASE NARRATIVE

Laboratory number: 270899
Client: Iris Environmental
Project: 15-1325A
Location: 9400 International, Oakland
Request Date: 10/22/15
Samples Received: 10/22/15

This data package contains sample and QC results for four air samples, requested for the above referenced project on 10/22/15. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):

No analytical problems were encountered.

COOLER RECEIPT CHECKLIST



Login # 270899 Date Received 10/24/15 Number of coolers 2
Client IRIS Project 9900 international
Date Opened 10/24/15 By (print) AAJ (sign) [Signature]
Date Logged in ↓ By (print) ↓ (sign) ↓

- 1. Did cooler come with a shipping slip (airbill, etc) _____ YES NO
Shipping info _____
- 2A. Were custody seals present? YES (circle) on cooler on samples NO
How many _____ Name _____ Date _____
- 2B. Were custody seals intact upon arrival? _____ YES NO N/A
- 3. Were custody papers dry and intact when received? _____ YES NO
- 4. Were custody papers filled out properly (ink, signed, etc)? _____ YES NO
- 5. Is the project identifiable from custody papers? (If so fill out top of form) _____ YES NO
- 6. Indicate the packing in cooler: (if other, describe) _____
 Bubble Wrap Foam blocks Bags None
 Cloth material Cardboard Styrofoam Paper towels
- 7. Temperature documentation: * Notify PM if temperature exceeds 6°C
Type of ice used: Wet Blue/Gel None Temp(°C) _____
 Samples Received on ice & cold without a temperature blank
 Samples received on ice directly from the field. Cooling process had begun
- 8. Were Method 5035 sampling containers present? _____ YES NO
If YES, what time were they transferred to freezer? _____
- 9. Did all bottles arrive unbroken/unopened? _____ YES NO
- 10. Are there any missing / extra samples? _____ YES NO
- 11. Are samples in the appropriate containers for indicated tests? _____ YES NO
- 12. Are sample labels present, in good condition and complete? _____ YES NO
- 13. Do the sample labels agree with custody papers? _____ YES NO
- 14. Was sufficient amount of sample sent for tests requested? _____ YES NO
- 15. Are the samples appropriately preserved? _____ YES NO N/A
- 16. Did you check preservatives for all bottles for each sample? _____ YES NO N/A
- 17. Did you document your preservative check? _____ YES NO N/A
- 18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO N/A
- 19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO N/A
- 20. Are bubbles > 6mm absent in VOA samples? _____ YES NO N/A
- 21. Was the client contacted concerning this sample delivery? _____ YES NO
If YES, Who was called? _____ By _____ Date: _____

COMMENTS

Detections Summary for 270899

Results for any subcontracted analyses are not included in this summary.

Client : Iris Environmental
 Project : 15-1325A
 Location : 9400 International, Oakland

Client Sample ID : IE-1-SG Laboratory Sample ID : 270899-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Acetone	5.3		4.1	ppbv	As Recd	2.040	EPA TO-15	METHOD
Carbon Disulfide	10		1.0	ppbv	As Recd	2.040	EPA TO-15	METHOD
Toluene	1.1		1.0	ppbv	As Recd	2.040	EPA TO-15	METHOD

Client Sample ID : IE-4-SG Laboratory Sample ID : 270899-002

No Detections

Client Sample ID : IE-3-SG Laboratory Sample ID : 270899-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Acetone	7.4		4.0	ppbv	As Recd	2.000	EPA TO-15	METHOD
Carbon Disulfide	5.8		1.0	ppbv	As Recd	2.000	EPA TO-15	METHOD
Methylene Chloride	2.1		1.0	ppbv	As Recd	2.000	EPA TO-15	METHOD
2-Butanone	1.1		1.0	ppbv	As Recd	2.000	EPA TO-15	METHOD
Benzene	1.4		1.0	ppbv	As Recd	2.000	EPA TO-15	METHOD
Toluene	1.1		1.0	ppbv	As Recd	2.000	EPA TO-15	METHOD

Client Sample ID : IE-2-SG Laboratory Sample ID : 270899-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Carbon Disulfide	33		0.99	ppbv	As Recd	1.970	EPA TO-15	METHOD

Volatile Organics in Air

Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-1-SG	Batch#:	228577
Lab ID:	270899-001	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	2.040		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	1.0	ND	5.0	ug/m3
Freon 114	ND	1.0	ND	7.1	ug/m3
Chloromethane	ND	1.0	ND	2.1	ug/m3
Vinyl Chloride	ND	1.0	ND	2.6	ug/m3
1,3-Butadiene	ND	1.0	ND	2.3	ug/m3
Bromomethane	ND	1.0	ND	4.0	ug/m3
Chloroethane	ND	1.0	ND	2.7	ug/m3
Trichlorofluoromethane	ND	1.0	ND	5.7	ug/m3
Acrolein	ND	4.1	ND	9.4	ug/m3
1,1-Dichloroethene	ND	1.0	ND	4.0	ug/m3
Freon 113	ND	1.0	ND	7.8	ug/m3
Acetone	5.3	4.1	13	9.7	ug/m3
Carbon Disulfide	10	1.0	32	3.2	ug/m3
Methylene Chloride	ND	1.0	ND	3.5	ug/m3
trans-1,2-Dichloroethene	ND	1.0	ND	4.0	ug/m3
MTBE	ND	1.0	ND	3.7	ug/m3
n-Hexane	ND	1.0	ND	3.6	ug/m3
1,1-Dichloroethane	ND	1.0	ND	4.1	ug/m3
Vinyl Acetate	ND	1.0	ND	3.6	ug/m3
cis-1,2-Dichloroethene	ND	1.0	ND	4.0	ug/m3
2-Butanone	ND	1.0	ND	3.0	ug/m3
Ethyl Acetate	ND	1.0	ND	3.7	ug/m3
Tetrahydrofuran	ND	1.0	ND	3.0	ug/m3
Chloroform	ND	1.0	ND	5.0	ug/m3
1,1,1-Trichloroethane	ND	1.0	ND	5.6	ug/m3
Cyclohexane	ND	1.0	ND	3.5	ug/m3
Carbon Tetrachloride	ND	1.0	ND	6.4	ug/m3
Benzene	ND	1.0	ND	3.3	ug/m3
1,2-Dichloroethane	ND	1.0	ND	4.1	ug/m3
n-Heptane	ND	1.0	ND	4.2	ug/m3
Trichloroethene	ND	1.0	ND	5.5	ug/m3
1,2-Dichloropropane	ND	1.0	ND	4.7	ug/m3
Bromodichloromethane	ND	1.0	ND	6.8	ug/m3
cis-1,3-Dichloropropene	ND	1.0	ND	4.6	ug/m3
4-Methyl-2-Pentanone	ND	1.0	ND	4.2	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-1-SG	Batch#:	228577
Lab ID:	270899-001	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	2.040		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	1.1	1.0	4.1	3.8	ug/m3
trans-1,3-Dichloropropene	ND	1.0	ND	4.6	ug/m3
1,1,2-Trichloroethane	ND	1.0	ND	5.6	ug/m3
Tetrachloroethene	ND	1.0	ND	6.9	ug/m3
2-Hexanone	ND	1.0	ND	4.2	ug/m3
Dibromochloromethane	ND	1.0	ND	8.7	ug/m3
1,2-Dibromoethane	ND	1.0	ND	7.8	ug/m3
Chlorobenzene	ND	1.0	ND	4.7	ug/m3
Ethylbenzene	ND	1.0	ND	4.4	ug/m3
m,p-Xylenes	ND	1.0	ND	4.4	ug/m3
o-Xylene	ND	1.0	ND	4.4	ug/m3
Styrene	ND	1.0	ND	4.3	ug/m3
Bromoform	ND	1.0	ND	11	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.0	ND	7.0	ug/m3
4-Ethyltoluene	ND	1.0	ND	5.0	ug/m3
1,3,5-Trimethylbenzene	ND	1.0	ND	5.0	ug/m3
1,2,4-Trimethylbenzene	ND	1.0	ND	5.0	ug/m3
1,3-Dichlorobenzene	ND	1.0	ND	6.1	ug/m3
1,4-Dichlorobenzene	ND	1.0	ND	6.1	ug/m3
Benzyl chloride	ND	1.0	ND	5.3	ug/m3
1,2-Dichlorobenzene	ND	1.0	ND	6.1	ug/m3
1,2,4-Trichlorobenzene	ND	1.0	ND	7.6	ug/m3
Hexachlorobutadiene	ND	1.0	ND	11	ug/m3
Naphthalene	ND	4.1	ND	21	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	93	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air

Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-4-SG	Batch#:	228577
Lab ID:	270899-002	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.710		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	0.86	ND	4.2	ug/m3
Freon 114	ND	0.86	ND	6.0	ug/m3
Chloromethane	ND	0.86	ND	1.8	ug/m3
Vinyl Chloride	ND	0.86	ND	2.2	ug/m3
1,3-Butadiene	ND	0.86	ND	1.9	ug/m3
Bromomethane	ND	0.86	ND	3.3	ug/m3
Chloroethane	ND	0.86	ND	2.3	ug/m3
Trichlorofluoromethane	ND	0.86	ND	4.8	ug/m3
Acrolein	ND	3.4	ND	7.8	ug/m3
1,1-Dichloroethene	ND	0.86	ND	3.4	ug/m3
Freon 113	ND	0.86	ND	6.6	ug/m3
Acetone	ND	3.4	ND	8.1	ug/m3
Carbon Disulfide	ND	0.86	ND	2.7	ug/m3
Methylene Chloride	ND	0.86	ND	3.0	ug/m3
trans-1,2-Dichloroethene	ND	0.86	ND	3.4	ug/m3
MTBE	ND	0.86	ND	3.1	ug/m3
n-Hexane	ND	0.86	ND	3.0	ug/m3
1,1-Dichloroethane	ND	0.86	ND	3.5	ug/m3
Vinyl Acetate	ND	0.86	ND	3.0	ug/m3
cis-1,2-Dichloroethene	ND	0.86	ND	3.4	ug/m3
2-Butanone	ND	0.86	ND	2.5	ug/m3
Ethyl Acetate	ND	0.86	ND	3.1	ug/m3
Tetrahydrofuran	ND	0.86	ND	2.5	ug/m3
Chloroform	ND	0.86	ND	4.2	ug/m3
1,1,1-Trichloroethane	ND	0.86	ND	4.7	ug/m3
Cyclohexane	ND	0.86	ND	2.9	ug/m3
Carbon Tetrachloride	ND	0.86	ND	5.4	ug/m3
Benzene	ND	0.86	ND	2.7	ug/m3
1,2-Dichloroethane	ND	0.86	ND	3.5	ug/m3
n-Heptane	ND	0.86	ND	3.5	ug/m3
Trichloroethene	ND	0.86	ND	4.6	ug/m3
1,2-Dichloropropane	ND	0.86	ND	4.0	ug/m3
Bromodichloromethane	ND	0.86	ND	5.7	ug/m3
cis-1,3-Dichloropropene	ND	0.86	ND	3.9	ug/m3
4-Methyl-2-Pentanone	ND	0.86	ND	3.5	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-4-SG	Batch#:	228577
Lab ID:	270899-002	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.710		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	0.86	ND	3.2	ug/m3
trans-1,3-Dichloropropene	ND	0.86	ND	3.9	ug/m3
1,1,2-Trichloroethane	ND	0.86	ND	4.7	ug/m3
Tetrachloroethene	ND	0.86	ND	5.8	ug/m3
2-Hexanone	ND	0.86	ND	3.5	ug/m3
Dibromochloromethane	ND	0.86	ND	7.3	ug/m3
1,2-Dibromoethane	ND	0.86	ND	6.6	ug/m3
Chlorobenzene	ND	0.86	ND	3.9	ug/m3
Ethylbenzene	ND	0.86	ND	3.7	ug/m3
m,p-Xylenes	ND	0.86	ND	3.7	ug/m3
o-Xylene	ND	0.86	ND	3.7	ug/m3
Styrene	ND	0.86	ND	3.6	ug/m3
Bromoform	ND	0.86	ND	8.8	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.86	ND	5.9	ug/m3
4-Ethyltoluene	ND	0.86	ND	4.2	ug/m3
1,3,5-Trimethylbenzene	ND	0.86	ND	4.2	ug/m3
1,2,4-Trimethylbenzene	ND	0.86	ND	4.2	ug/m3
1,3-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
1,4-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
Benzyl chloride	ND	0.86	ND	4.4	ug/m3
1,2-Dichlorobenzene	ND	0.86	ND	5.1	ug/m3
1,2,4-Trichlorobenzene	ND	0.86	ND	6.3	ug/m3
Hexachlorobutadiene	ND	0.86	ND	9.1	ug/m3
Naphthalene	ND	3.4	ND	18	ug/m3

Tentatively Identified Compounds		Result (M)	Units (M)
No TICs found.		ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	91	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-3-SG	Batch#:	228577
Lab ID:	270899-003	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	2.000		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	1.0	ND	4.9	ug/m3
Freon 114	ND	1.0	ND	7.0	ug/m3
Chloromethane	ND	1.0	ND	2.1	ug/m3
Vinyl Chloride	ND	1.0	ND	2.6	ug/m3
1,3-Butadiene	ND	1.0	ND	2.2	ug/m3
Bromomethane	ND	1.0	ND	3.9	ug/m3
Chloroethane	ND	1.0	ND	2.6	ug/m3
Trichlorofluoromethane	ND	1.0	ND	5.6	ug/m3
Acrolein	ND	4.0	ND	9.2	ug/m3
1,1-Dichloroethene	ND	1.0	ND	4.0	ug/m3
Freon 113	ND	1.0	ND	7.7	ug/m3
Acetone	7.4	4.0	17	9.5	ug/m3
Carbon Disulfide	5.8	1.0	18	3.1	ug/m3
Methylene Chloride	2.1	1.0	7.2	3.5	ug/m3
trans-1,2-Dichloroethene	ND	1.0	ND	4.0	ug/m3
MTBE	ND	1.0	ND	3.6	ug/m3
n-Hexane	ND	1.0	ND	3.5	ug/m3
1,1-Dichloroethane	ND	1.0	ND	4.0	ug/m3
Vinyl Acetate	ND	1.0	ND	3.5	ug/m3
cis-1,2-Dichloroethene	ND	1.0	ND	4.0	ug/m3
2-Butanone	1.1	1.0	3.2	2.9	ug/m3
Ethyl Acetate	ND	1.0	ND	3.6	ug/m3
Tetrahydrofuran	ND	1.0	ND	2.9	ug/m3
Chloroform	ND	1.0	ND	4.9	ug/m3
1,1,1-Trichloroethane	ND	1.0	ND	5.5	ug/m3
Cyclohexane	ND	1.0	ND	3.4	ug/m3
Carbon Tetrachloride	ND	1.0	ND	6.3	ug/m3
Benzene	1.4	1.0	4.4	3.2	ug/m3
1,2-Dichloroethane	ND	1.0	ND	4.0	ug/m3
n-Heptane	ND	1.0	ND	4.1	ug/m3
Trichloroethene	ND	1.0	ND	5.4	ug/m3
1,2-Dichloropropane	ND	1.0	ND	4.6	ug/m3
Bromodichloromethane	ND	1.0	ND	6.7	ug/m3
cis-1,3-Dichloropropene	ND	1.0	ND	4.5	ug/m3
4-Methyl-2-Pentanone	ND	1.0	ND	4.1	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-3-SG	Batch#:	228577
Lab ID:	270899-003	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	2.000		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	1.1	1.0	4.1	3.8	ug/m3
trans-1,3-Dichloropropene	ND	1.0	ND	4.5	ug/m3
1,1,2-Trichloroethane	ND	1.0	ND	5.5	ug/m3
Tetrachloroethene	ND	1.0	ND	6.8	ug/m3
2-Hexanone	ND	1.0	ND	4.1	ug/m3
Dibromochloromethane	ND	1.0	ND	8.5	ug/m3
1,2-Dibromoethane	ND	1.0	ND	7.7	ug/m3
Chlorobenzene	ND	1.0	ND	4.6	ug/m3
Ethylbenzene	ND	1.0	ND	4.3	ug/m3
m,p-Xylenes	ND	1.0	ND	4.3	ug/m3
o-Xylene	ND	1.0	ND	4.3	ug/m3
Styrene	ND	1.0	ND	4.3	ug/m3
Bromoform	ND	1.0	ND	10	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.0	ND	6.9	ug/m3
4-Ethyltoluene	ND	1.0	ND	4.9	ug/m3
1,3,5-Trimethylbenzene	ND	1.0	ND	4.9	ug/m3
1,2,4-Trimethylbenzene	ND	1.0	ND	4.9	ug/m3
1,3-Dichlorobenzene	ND	1.0	ND	6.0	ug/m3
1,4-Dichlorobenzene	ND	1.0	ND	6.0	ug/m3
Benzyl chloride	ND	1.0	ND	5.2	ug/m3
1,2-Dichlorobenzene	ND	1.0	ND	6.0	ug/m3
1,2,4-Trichlorobenzene	ND	1.0	ND	7.4	ug/m3
Hexachlorobutadiene	ND	1.0	ND	11	ug/m3
Naphthalene	ND	4.0	ND	21	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	91	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air

Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-2-SG	Batch#:	228577
Lab ID:	270899-004	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.970		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	0.99	ND	4.9	ug/m3
Freon 114	ND	0.99	ND	6.9	ug/m3
Chloromethane	ND	0.99	ND	2.0	ug/m3
Vinyl Chloride	ND	0.99	ND	2.5	ug/m3
1,3-Butadiene	ND	0.99	ND	2.2	ug/m3
Bromomethane	ND	0.99	ND	3.8	ug/m3
Chloroethane	ND	0.99	ND	2.6	ug/m3
Trichlorofluoromethane	ND	0.99	ND	5.5	ug/m3
Acrolein	ND	3.9	ND	9.0	ug/m3
1,1-Dichloroethene	ND	0.99	ND	3.9	ug/m3
Freon 113	ND	0.99	ND	7.5	ug/m3
Acetone	ND	3.9	ND	9.4	ug/m3
Carbon Disulfide	33	0.99	100	3.1	ug/m3
Methylene Chloride	ND	0.99	ND	3.4	ug/m3
trans-1,2-Dichloroethene	ND	0.99	ND	3.9	ug/m3
MTBE	ND	0.99	ND	3.6	ug/m3
n-Hexane	ND	0.99	ND	3.5	ug/m3
1,1-Dichloroethane	ND	0.99	ND	4.0	ug/m3
Vinyl Acetate	ND	0.99	ND	3.5	ug/m3
cis-1,2-Dichloroethene	ND	0.99	ND	3.9	ug/m3
2-Butanone	ND	0.99	ND	2.9	ug/m3
Ethyl Acetate	ND	0.99	ND	3.5	ug/m3
Tetrahydrofuran	ND	0.99	ND	2.9	ug/m3
Chloroform	ND	0.99	ND	4.8	ug/m3
1,1,1-Trichloroethane	ND	0.99	ND	5.4	ug/m3
Cyclohexane	ND	0.99	ND	3.4	ug/m3
Carbon Tetrachloride	ND	0.99	ND	6.2	ug/m3
Benzene	ND	0.99	ND	3.1	ug/m3
1,2-Dichloroethane	ND	0.99	ND	4.0	ug/m3
n-Heptane	ND	0.99	ND	4.0	ug/m3
Trichloroethene	ND	0.99	ND	5.3	ug/m3
1,2-Dichloropropane	ND	0.99	ND	4.6	ug/m3
Bromodichloromethane	ND	0.99	ND	6.6	ug/m3
cis-1,3-Dichloropropene	ND	0.99	ND	4.5	ug/m3
4-Methyl-2-Pentanone	ND	0.99	ND	4.0	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Field ID:	IE-2-SG	Batch#:	228577
Lab ID:	270899-004	Sampled:	10/22/15
Matrix:	Air	Received:	10/22/15
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.970		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	0.99	ND	3.7	ug/m3
trans-1,3-Dichloropropene	ND	0.99	ND	4.5	ug/m3
1,1,2-Trichloroethane	ND	0.99	ND	5.4	ug/m3
Tetrachloroethene	ND	0.99	ND	6.7	ug/m3
2-Hexanone	ND	0.99	ND	4.0	ug/m3
Dibromochloromethane	ND	0.99	ND	8.4	ug/m3
1,2-Dibromoethane	ND	0.99	ND	7.6	ug/m3
Chlorobenzene	ND	0.99	ND	4.5	ug/m3
Ethylbenzene	ND	0.99	ND	4.3	ug/m3
m,p-Xylenes	ND	0.99	ND	4.3	ug/m3
o-Xylene	ND	0.99	ND	4.3	ug/m3
Styrene	ND	0.99	ND	4.2	ug/m3
Bromoform	ND	0.99	ND	10	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.99	ND	6.8	ug/m3
4-Ethyltoluene	ND	0.99	ND	4.8	ug/m3
1,3,5-Trimethylbenzene	ND	0.99	ND	4.8	ug/m3
1,2,4-Trimethylbenzene	ND	0.99	ND	4.8	ug/m3
1,3-Dichlorobenzene	ND	0.99	ND	5.9	ug/m3
1,4-Dichlorobenzene	ND	0.99	ND	5.9	ug/m3
Benzyl chloride	ND	0.99	ND	5.1	ug/m3
1,2-Dichlorobenzene	ND	0.99	ND	5.9	ug/m3
1,2,4-Trichlorobenzene	ND	0.99	ND	7.3	ug/m3
Hexachlorobutadiene	ND	0.99	ND	11	ug/m3
Naphthalene	ND	3.9	ND	21	ug/m3

Tentatively Identified Compounds		Result (M)	Units (M)
No TICs found.		ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	89	80-121	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	228577
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits
4-Methyl-2-Pentanone	10.00	11.92	119	70-130
Toluene	10.00	9.557	96	70-130
trans-1,3-Dichloropropene	10.00	11.16	112	70-130
1,1,2-Trichloroethane	10.00	11.49	115	70-130
Tetrachloroethene	10.00	10.89	109	70-130
2-Hexanone	10.00	11.11	111	70-130
Dibromochloromethane	10.00	11.43	114	70-130
1,2-Dibromoethane	10.00	11.32	113	70-130
Chlorobenzene	10.00	9.700	97	70-130
Ethylbenzene	10.00	8.689	87	70-130
m,p-Xylenes	20.00	17.77	89	70-130
o-Xylene	10.00	8.998	90	70-130
Styrene	10.00	10.14	101	70-130
Bromoform	10.00	10.57	106	70-130
1,1,2,2-Tetrachloroethane	10.00	9.804	98	70-130
4-Ethyltoluene	10.00	10.13	101	70-130
1,3,5-Trimethylbenzene	10.00	9.462	95	70-130
1,2,4-Trimethylbenzene	10.00	10.19	102	70-130
1,3-Dichlorobenzene	10.00	9.652	97	70-130
1,4-Dichlorobenzene	10.00	9.713	97	70-130
Benzyl chloride	10.00	8.718	87	70-130
1,2-Dichlorobenzene	10.00	9.485	95	70-130
1,2,4-Trichlorobenzene	10.00	9.991	100	70-130
Hexachlorobutadiene	10.00	9.650	97	70-130
Naphthalene	10.00	9.126	91	70-130

Surrogate	%REC	Limits
Bromofluorobenzene	91	70-130

RPD= Relative Percent Difference

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Matrix:	Air	Batch#:	228577
Units (V):	ppbv	Analyzed:	10/22/15
Diln Fac:	1.000		

Analyte	Spiked	Result (V)	%REC	Limits	RPD	Lim
4-Methyl-2-Pentanone	10.00	11.56	116	70-130	3	25
Toluene	10.00	8.889	89	70-130	7	25
trans-1,3-Dichloropropene	10.00	10.79	108	70-130	3	25
1,1,2-Trichloroethane	10.00	11.25	112	70-130	2	25
Tetrachloroethene	10.00	10.25	102	70-130	6	25
2-Hexanone	10.00	10.50	105	70-130	6	25
Dibromochloromethane	10.00	11.12	111	70-130	3	25
1,2-Dibromoethane	10.00	10.37	104	70-130	9	25
Chlorobenzene	10.00	8.951	90	70-130	8	25
Ethylbenzene	10.00	8.341	83	70-130	4	25
m,p-Xylenes	20.00	18.07	90	70-130	2	25
o-Xylene	10.00	8.827	88	70-130	2	25
Styrene	10.00	9.946	99	70-130	2	25
Bromoform	10.00	9.609	96	70-130	10	25
1,1,2,2-Tetrachloroethane	10.00	9.209	92	70-130	6	25
4-Ethyltoluene	10.00	10.07	101	70-130	1	25
1,3,5-Trimethylbenzene	10.00	9.327	93	70-130	1	25
1,2,4-Trimethylbenzene	10.00	10.10	101	70-130	1	25
1,3-Dichlorobenzene	10.00	9.902	99	70-130	3	25
1,4-Dichlorobenzene	10.00	9.518	95	70-130	2	25
Benzyl chloride	10.00	8.604	86	70-130	1	25
1,2-Dichlorobenzene	10.00	9.492	95	70-130	0	25
1,2,4-Trichlorobenzene	10.00	9.925	99	70-130	1	25
Hexachlorobutadiene	10.00	9.769	98	70-130	1	25
Naphthalene	10.00	9.258	93	70-130	1	25

Surrogate	%REC	Limits
Bromofluorobenzene	96	70-130

RPD= Relative Percent Difference

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809330	Batch#:	228577
Matrix:	Air	Analyzed:	10/22/15
Units (V):	ppbv		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Freon 12	ND	0.50	ND	2.5	ug/m3
Freon 114	ND	0.50	ND	3.5	ug/m3
Chloromethane	ND	0.50	ND	1.0	ug/m3
Vinyl Chloride	ND	0.50	ND	1.3	ug/m3
1,3-Butadiene	ND	0.50	ND	1.1	ug/m3
Bromomethane	ND	0.50	ND	1.9	ug/m3
Chloroethane	ND	0.50	ND	1.3	ug/m3
Trichlorofluoromethane	ND	0.50	ND	2.8	ug/m3
Acrolein	ND	2.0	ND	4.6	ug/m3
1,1-Dichloroethene	ND	0.50	ND	2.0	ug/m3
Freon 113	ND	0.50	ND	3.8	ug/m3
Acetone	ND	2.0	ND	4.8	ug/m3
Carbon Disulfide	ND	0.50	ND	1.6	ug/m3
Methylene Chloride	ND	0.50	ND	1.7	ug/m3
trans-1,2-Dichloroethene	ND	0.50	ND	2.0	ug/m3
MTBE	ND	0.50	ND	1.8	ug/m3
n-Hexane	ND	0.50	ND	1.8	ug/m3
1,1-Dichloroethane	ND	0.50	ND	2.0	ug/m3
Vinyl Acetate	ND	0.50	ND	1.8	ug/m3
cis-1,2-Dichloroethene	ND	0.50	ND	2.0	ug/m3
2-Butanone	ND	0.50	ND	1.5	ug/m3
Ethyl Acetate	ND	0.50	ND	1.8	ug/m3
Tetrahydrofuran	ND	0.50	ND	1.5	ug/m3
Chloroform	ND	0.50	ND	2.4	ug/m3
1,1,1-Trichloroethane	ND	0.50	ND	2.7	ug/m3
Cyclohexane	ND	0.50	ND	1.7	ug/m3
Carbon Tetrachloride	ND	0.50	ND	3.1	ug/m3
Benzene	ND	0.50	ND	1.6	ug/m3
1,2-Dichloroethane	ND	0.50	ND	2.0	ug/m3
n-Heptane	ND	0.50	ND	2.0	ug/m3
Trichloroethene	ND	0.50	ND	2.7	ug/m3
1,2-Dichloropropane	ND	0.50	ND	2.3	ug/m3
Bromodichloromethane	ND	0.50	ND	3.4	ug/m3
cis-1,3-Dichloropropene	ND	0.50	ND	2.3	ug/m3
4-Methyl-2-Pentanone	ND	0.50	ND	2.0	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units

Batch QC Report

Volatile Organics in Air			
Lab #:	270899	Location:	9400 International, Oakland
Client:	Iris Environmental	Prep:	METHOD
Project#:	15-1325A	Analysis:	EPA TO-15
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC809330	Batch#:	228577
Matrix:	Air	Analyzed:	10/22/15
Units (V):	ppbv		

Analyte	Result (V)	RL	Result (M)	RL	Units (M)
Toluene	ND	0.50	ND	1.9	ug/m3
trans-1,3-Dichloropropene	ND	0.50	ND	2.3	ug/m3
1,1,2-Trichloroethane	ND	0.50	ND	2.7	ug/m3
Tetrachloroethene	ND	0.50	ND	3.4	ug/m3
2-Hexanone	ND	0.50	ND	2.0	ug/m3
Dibromochloromethane	ND	0.50	ND	4.3	ug/m3
1,2-Dibromoethane	ND	0.50	ND	3.8	ug/m3
Chlorobenzene	ND	0.50	ND	2.3	ug/m3
Ethylbenzene	ND	0.50	ND	2.2	ug/m3
m,p-Xylenes	ND	0.50	ND	2.2	ug/m3
o-Xylene	ND	0.50	ND	2.2	ug/m3
Styrene	ND	0.50	ND	2.1	ug/m3
Bromoform	ND	0.50	ND	5.2	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.50	ND	3.4	ug/m3
4-Ethyltoluene	ND	0.50	ND	2.5	ug/m3
1,3,5-Trimethylbenzene	ND	0.50	ND	2.5	ug/m3
1,2,4-Trimethylbenzene	ND	0.50	ND	2.5	ug/m3
1,3-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
1,4-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
Benzyl chloride	ND	0.50	ND	2.6	ug/m3
1,2-Dichlorobenzene	ND	0.50	ND	3.0	ug/m3
1,2,4-Trichlorobenzene	ND	0.50	ND	3.7	ug/m3
Hexachlorobutadiene	ND	0.50	ND	5.3	ug/m3
Naphthalene	ND	2.0	ND	10	ug/m3

Tentatively Identified Compounds	Result (M)	Units (M)
No TICs found.	ND	

Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	85	70-130	ug/m3

ND= Not Detected

RL= Reporting Limit

Result M= Result in mass units

Result V= Result in volume units