ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

ENVIRONMENTAL HEALTH DEPARTMENT
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 4, 2015

Northstar Equities, Inc.
c/o: Heather Harrison
1017 L Street #107
Sacramento, CA 95814
(Sent via E-mail to: hlharrison@gmail.com)

Signature Services
c/o: Brian Mitchell
1565 Third Avenue
Walnut Creek, CA 94597-2604
(Sent via E-mail to: brian@signaturepainting.us)

Subject: Closure Transmittal; Site Cleanup Program (SCP) Case RO0003132 and Geotracker Global ID T10000005804; Franklin Home Heating, 1428-1432 Franklin Street, Oakland, CA 94612

Dear Responsible Parties:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Site Cleanup Program (SCP) case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.waterboards.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY:

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.

If you have any questions, please call Karel Detterman at (510) 567-6708. Thank you.

Sincerely,

Dilan Roe

Dilan Roe, P.E.
LOP and SCP Program Manager

Enclosures: Case Closure Summary

cc: California Rural Legal Assistance, Inc., 1430 Franklin Street, Suite 103, Oakland, CA 94612
Attention: Jose R. Padilla (Sent via E-mail to: jpadilla@crla.org)

Susan Hugo, ACEH CUPA (Sent via E-mail to: susan.hugo@acgov.org)

Mark J. Arniola, City of Oakland Public Works Environmental Services, 250 Frank H. Ogawa Plaza, Oakland, CA 94612 (Sent via E-mail to: marniola@oaklandnet.com)

Mehrdad Javaherian, LRM Consulting, Inc., 1534 Plaza Lane #145, Burlingame, CA 94010 (Sent via E-mail to: mehrdad@endpoint-inc.com)

Karel Detterman (Sent via E-mail to: karel.detterman@acgov.org)
Electronic File, GeoTracker

Alameda County Environmental Health

CASE CLOSURE SUMMARY
SITE CLEANUP PROGRAM

I. AGENCY INFORMATION

Date: June 4, 2015

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6708
Responsible Staff Person: Karel Detterman, P.G.	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Franklin Home Heating		
Site Facility Address: 1428-1432 Franklin Street, Oakland, CA 94612		
RB Case No.: ----	Previous Case STiD No.: ----	LOP Case No.: RO0003132
GeoTracker ID: T10000005804	APN: 8-624-45	
Current Land Use: Commercial		

Responsible Parties	Addresses	Phone Numbers
Heather Harrison	Northstar Equities, Inc. 1017 L Street #107 Sacramento, CA 95814	----
Brian Mitchell	Signature Services 1565 Third Avenue Walnut Creek, CA 94597-2604	----

This Case Closure Summary along with the Case Closure Transmittal letter provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Releases from two 300-gallon heating oil underground storage tanks (UST).		
Primary constituents of concern: Heating oil characterized as total petroleum hydrocarbons (TPH) as diesel (TPHd), gasoline (TPHg); benzene, toluene, ethylbenzene, and xylenes (BTEX); and naphthalene.		
Areas of site investigated for this case: Adjacent to and within the former UST excavation.		
Remediation attempted or completed: UST removal followed by excavation to approximately 8 feet below ground surface (bgs).		
Number of monitoring wells installed: None	Number of monitoring wells destroyed: None	Number of monitoring wells remaining: None
Highest Groundwater Depth Below Ground Surface: 23 feet bgs (SB-4 on 5/22/2014)	Lowest Depth: 26 feet bgs (SB-2 on 5/22/2014)	Flow Direction: North-northeast based on three neighboring fuel leak cases with monitoring data RO0000266, RO0000143, RO0000129 located within 900 feet east-northeast and east-southeast of the site.*
Most Sensitive Current Groundwater Use: Potential drinking water source		
* The groundwater gradient direction shown on Figures 1, 2, and 3 in Attachment 2 of this Closure Summary are presented incorrectly.		

Summary of Production Wells in Vicinity:

Three irrigation wells are located within 2,000 feet of the site. A 480-foot deep irrigation well located at 1111 Broadway, Oakland approximately 1,290 feet southwest and upgradient of the site. A 95-foot deep irrigation well located at 244 Lakeside Drive, Oakland is located approximately 1,900 feet northeast and downgradient of the site. A 280-foot deep irrigation well is located at 300 Lakeside Drive, Oakland approximately 2,000 feet northeast and downgradient of the site. Based on the distance and depth of the irrigation wells downgradient of the site, the irrigation wells are not expected to be impacted by the site.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest Surface Water Name: Lake Merritt lies approximately 2,030 feet to the northeast.

LTCP GROUNDWATER SPECIFIC CRITERIA					
LTCP Groundwater Specific Scenario under which case was closed: Scenario 5					
Site Data		LTCP Scenario 1 Criteria (ppb)	LTCP Scenario 2 Criteria (ppb)	LTCP Scenario 3 Criteria (ppb)	LTCP Scenario 4 Criteria (ppb)
Plume Length	<1,000 feet	<100 feet	<250 feet	<250 feet	**<1,000 feet**
Free Product (non-aqueous phase liquid (LNAPL)	No Free Product (LNAPL)	**No free product**	**No free product**	Removed to maximum extent practicable	**No free product**
Plume Stable or Decreasing	Stable	Stable or **decreasing**	Stable or **decreasing**	Stable or decreasing for minimum of 5 Years	Stable or **decreasing**
Distance to Nearest Water Supply Well	>1,000 feet	>250 feet	**>1,000 feet**	**>1,000 feet**	**>1,000 feet**
Distance to Nearest Surface Water and Direction	>1,000 feet	**>250 feet**	**>1,000 feet**	**>1,000 feet**	**>1,000 feet**
Property Owner Willing to Accept a Land Use Restriction?	----	Not applicable	Not applicable	Yes	Not applicable

GROUNDWATER CONCENTRATIONS						
Constituent	Historic Site Maximum (ug/L)	Current Site Maximum (ug/L)	LTCP Scenario 1 Criteria (ug/L)	LTCP Scenario 2 Criteria (ug/L)	LTCP Scenario 3 Criteria (ug/L)	LTCP Scenario 4 Criteria (ug/L)
Benzene	<8.4	<8.4	No criteria	**<3,000**	No criteria	**<1,000**
MTBE	<0.50	<0.50	No criteria	**<1,000**	No criteria	**<1,000**
TPH gasoline	7,800	7,800	No criteria	No criteria	No criteria	No criteria
TPH diesel	5,100	5,100	No criteria	No criteria	No criteria	No criteria
Naphthalene	78	78	No criteria	No criteria	No criteria	No criteria
Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?			Yes			

The maximum concentration of TPHg and TPHd in soil and grab groundwater samples were both detected in SB-2: the maximum soil concentration of TPHg was 2,200 milligrams per kilogram (mg/kg) and TPHd was 1,100 mg/kg. The maximum groundwater concentration of TPHg was 7,800 micrograms per liter (ug/L) and TPHd was 5,100. The LTCP *Technical Justification for Low-Threat Closure Scenarios for Petroleum Vapor Intrusion Pathway* indicates that soil concentrations above 100-200 mg/kg TPHg and 10-50 mg/kg TPHd, and TPHd groundwater concentrations above 5 mg/L potentially indicate the presence of residual LNAPL. Although residual LNAPL is potentially indicated in soil and groundwater of SB-2, free product was not observed during soil boring investigation or during the UST removal in soil samples taken at the bottom of the tank excavation.

Elevated soil and groundwater concentrations appear to be limited to the northern area of the former USTs as indicated by elevated detections of TPHg and TPHd in soil at SB-2 at 20 feet bgs and in groundwater at 26 feet bgs. Although the complete lateral and vertical extent of soil contamination is not defined, and naphthalene, TPHg, and TPHd exceed San Francisco Bay Regional Water Quality Control Board's (SFBRWQCBs) Environmental Screening Levels (ESLs) for groundwater, the contaminant plume appears to pose a low threat to human health and safety and to the environment.

The LTCP defines the length of the plume as the maximum extent from the point of release of any petroleum related constituent (TPHg) in groundwater that exceeds the water quality objectives. The LTCP *Technical Justification for Groundwater Media-Specific Criteria* indicates that the maximum plume length for TPHg is 855 feet. Because the primary source has been removed and the closest water supply wells and Lake Merritt are both located over 1,000 feet to the northeast, the presumed down-gradient direction, the contaminant plume appears to pose a low threat to human health and safety and to the environment.

LTCP VAPOR SPECIFIC CRITERIA							
LTCP Vapor Specific Scenario under which case was closed: Scenario 3A							
	Active as of: -----						
Site Data		LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	**LTCP Scenario 3A Criteria**	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	**No NAPL**	No NAPL	No NAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	≥10 feet	≥30 feet	≥30 feet	**≥5 feet**	≥10 feet	≥5 feet	≥5 feet
Total TPH in Bioattenuation Zone	<100 mg/kg	<100 mg/kg	<100 mg/kg	**<100 mg/kg**	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	<8.4	No criteria	No criteria	**<100 ug/L**	≥100 and <1,000 ug/L	<1,000 ug/L	No criteria
Oxygen Data within Bioattenuation Zone	No oxygen data	No criteria	No criteria	**No oxygen data or <4%**	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	----	No criteria	No criteria	**No criteria**	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS						
Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum ($\mu g/m^3$)	Current Maximum ($\mu g/m^3$)	Residential	Commercial	Residential	Commercial
Benzene	----	----	<85	<280	<85,000	<280,000
Ethylbenzene	----	----	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	----	----	<93	<310	<93,000	<310,000
If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?			----			
If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?			----			

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA						
LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below.						
Are maximum concentrations less than those in Table 1 below?				Yes		
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	<0.005	<0.5	<0.005	<0.5	<0.5
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.005	4.5	<0.005	4.5	4.5
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	<0.005	<0.005	<0.005	<0.005	<0.005
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	----	----	----	----	----
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?				----		
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?				----		

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes	
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes	
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.	
Site Management Requirements: None. However, excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.	
Should corrective action be reviewed if land use changes? Yes	
Was a deed restriction or deed notification filed? No	Date Recorded: ----

V. ADDITIONAL COMMENTS AND CONCLUSION

Additional Comments:

TPH in soil exists at concentrations and maybe potentially indicative of residual LNAPL at 20 feet bgs. Additionally, TPHg, TPHd and naphthalene exceed RWQCB ESLs and the groundwater plume is not fully delineated in the inferred down-gradient direction. However, the water well survey shows that production wells are beyond the maximum theoretical TPH plume length.

Conclusion:

Alameda County Environmental Health staff believes that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment and that the site meets the conditions for case closure under the current commercial land use and the restrictions specified in the "Covenant and Environmental Restriction on Property." No further investigation or cleanup for the fuel leak case is necessary at this time. ACEH staff recommends case closure.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Karel Detterman, P.G.	Title: Hazardous Materials Specialist
Signature: Karel Detterman	Date: 6/4/2015
Approved by: Dilan Roe, P.E.	Title: LOP and SCP Program Manager
Signature: Dilan Roe	Date: 6/4/2015

VII. REGIONAL BOARD AND PUBLIC NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Regional Board Notification Date: March 27, 2015	
Public Notification Date: March 27, 2015	

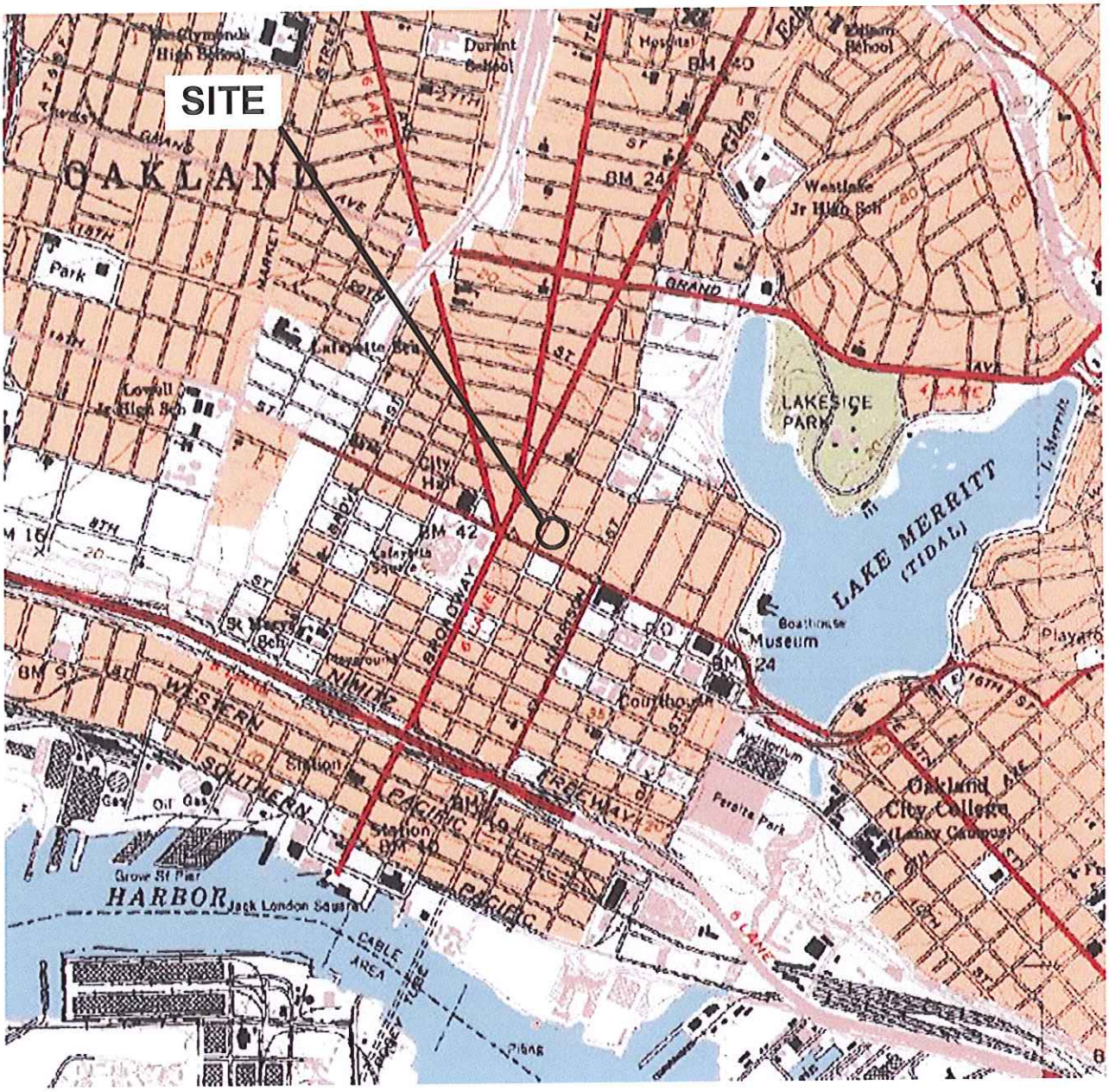
VIII. MONITORING WELL DESTRUCTION

Date Requested by ACEH: ----	Date of Well Destruction Report: ----	
All Monitoring Wells Destroyed: ----	Number Destroyed: ----	Number Retained: ----
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ----		
ACEH Concurrence - Signature: ----		Date: ----

Attachments:

1. Site Vicinity Map (1p)
2. Aerial Photo and Site Plan with Sample Locations (4p)
3. Soil and Grab Groundwater Analytical Data (26p)
4. Potential Plume Length Map and Production/Water Supply Well and Sensitive Receptor Survey (7 pp)

ATTACHMENT 1



Union Bank
CALIFORNIA RURAL LEGAL ASSISTANCE, INC.
1428, 1430, &1432 Franklin Street
Oakland, California

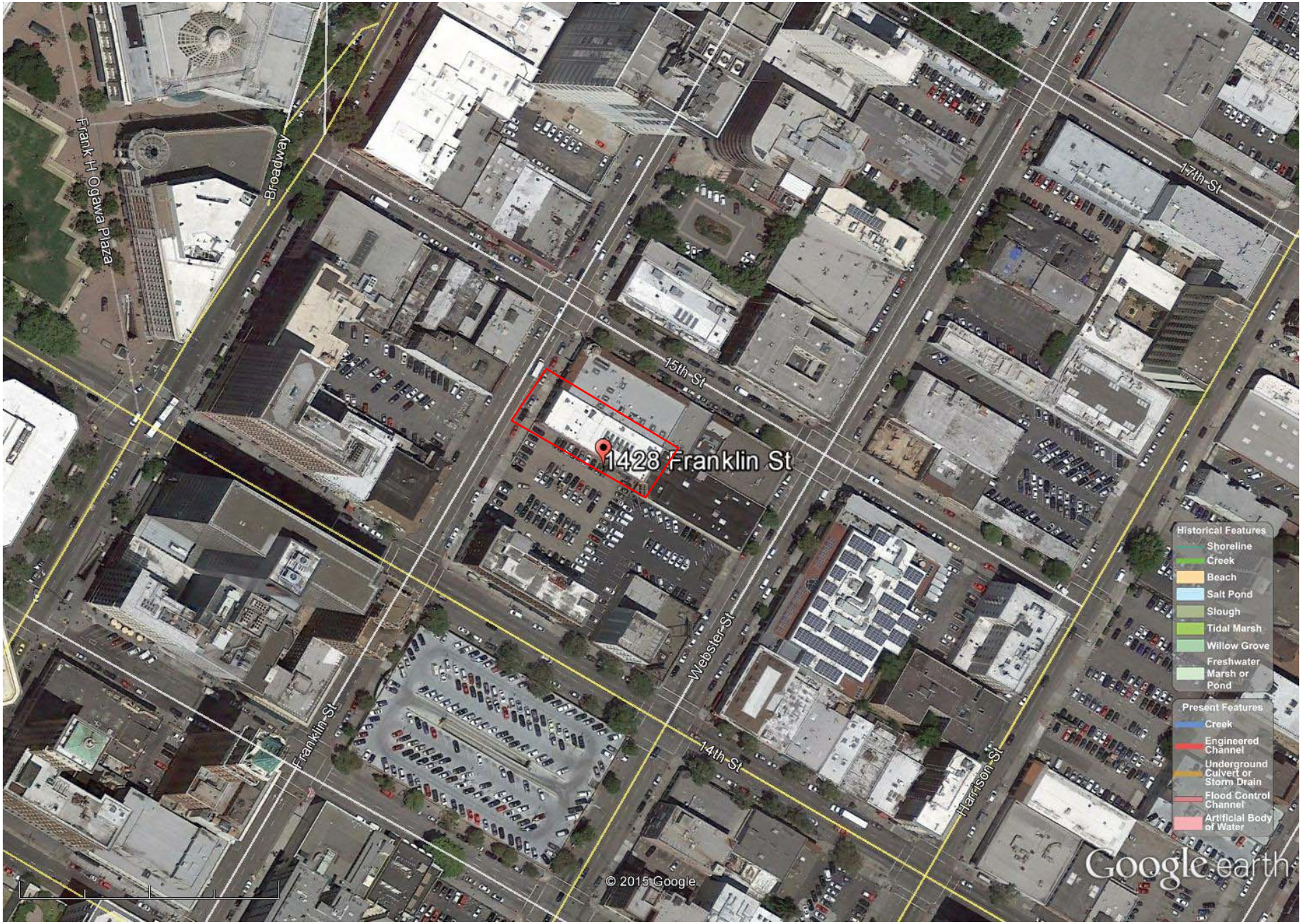
N

Not to Scale

ENERCON

Figure 1
Site Location Map

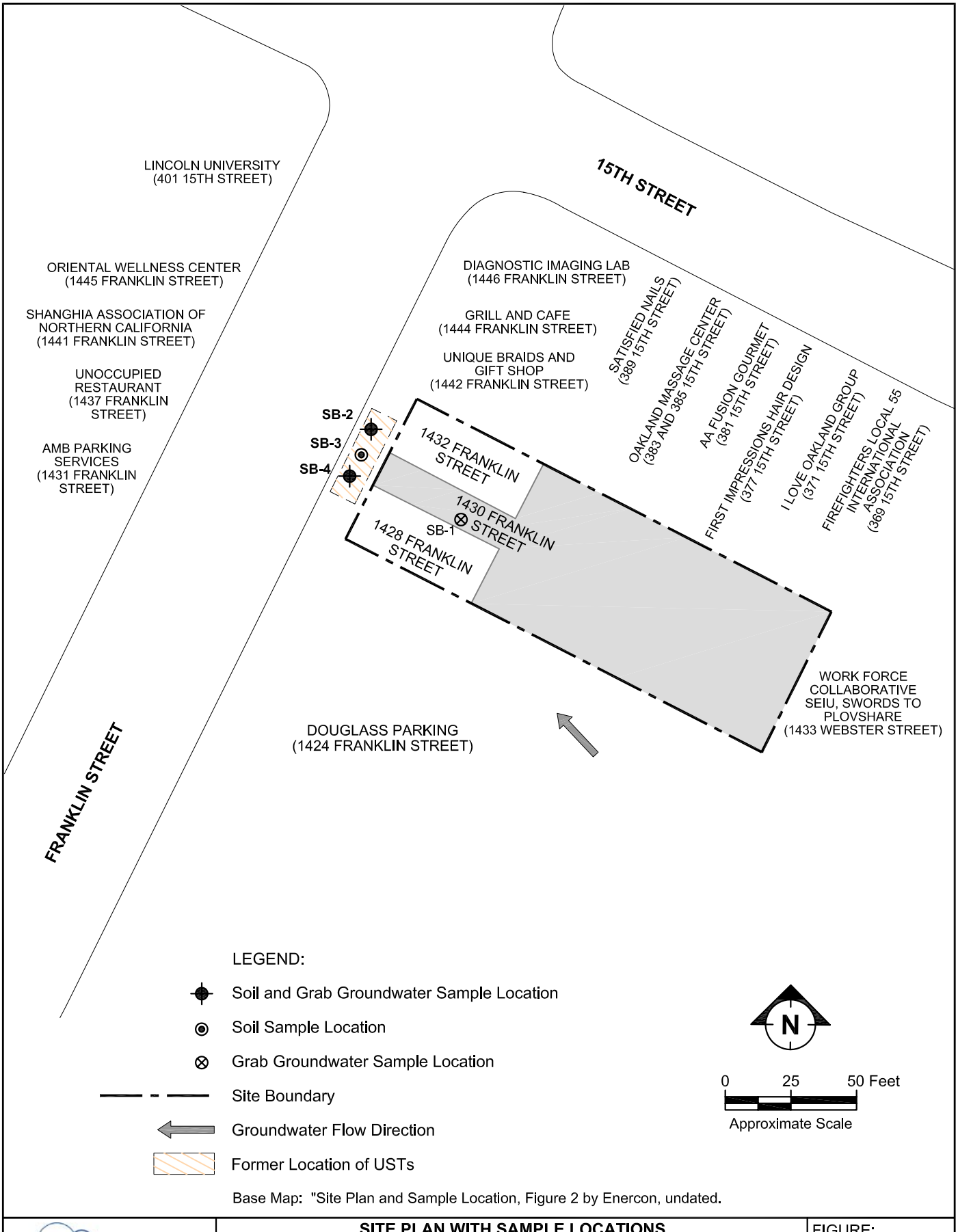
ATTACHMENT 2



Google earth

feet 1000

meters 300

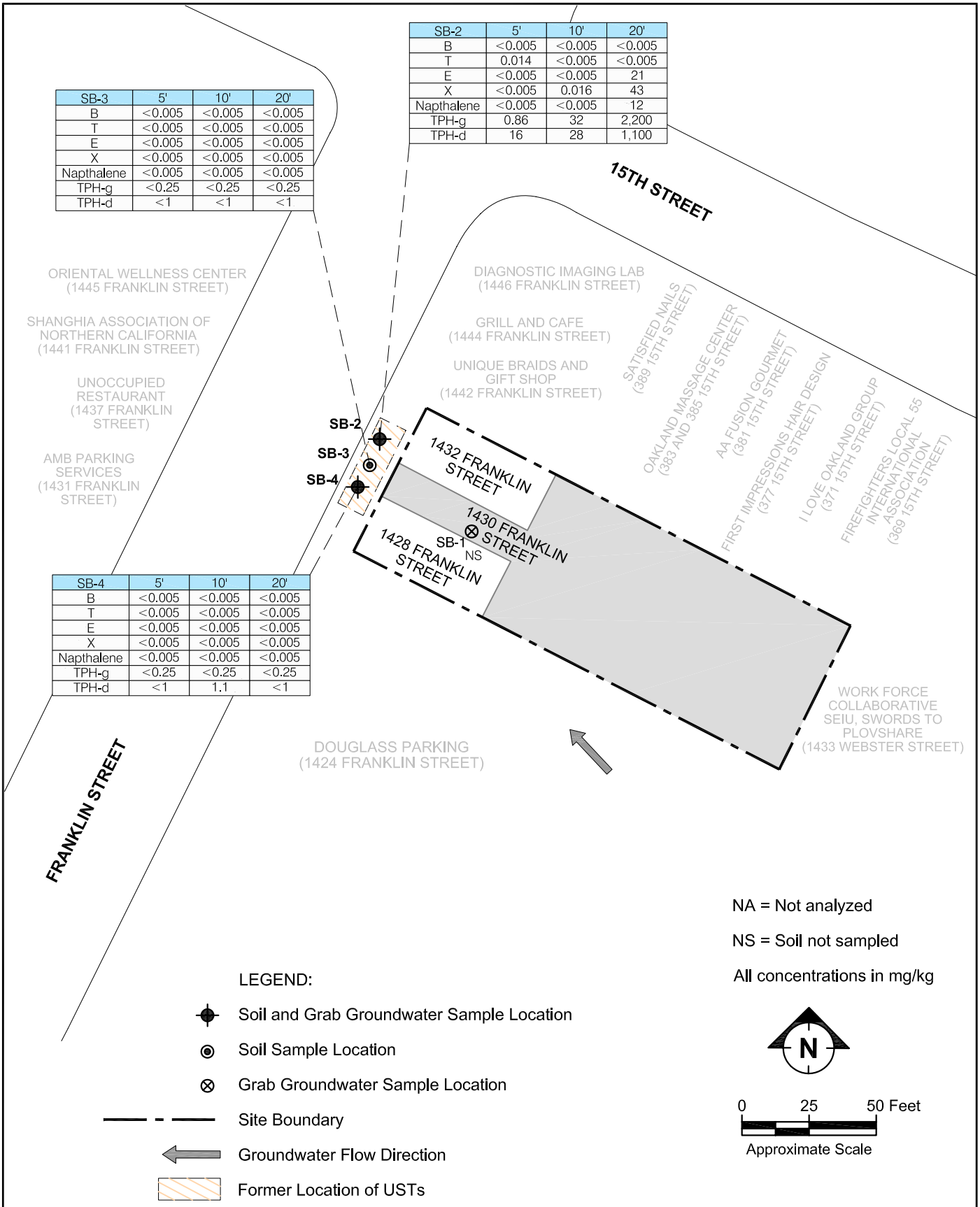


Base Map: "Site Plan and Sample Location, Figure 2 by Enercon, undated.

LRM consulting inc.

SITE PLAN WITH SAMPLE LOCATIONS
CALIFORNIA RURAL LEGAL ASSISTANCE, INC.
1428, 1430, & 1432 FRANLKIN STREET
OAKLAND, CALIFORNIA
MAY 22, 2014

FIGURE:
1

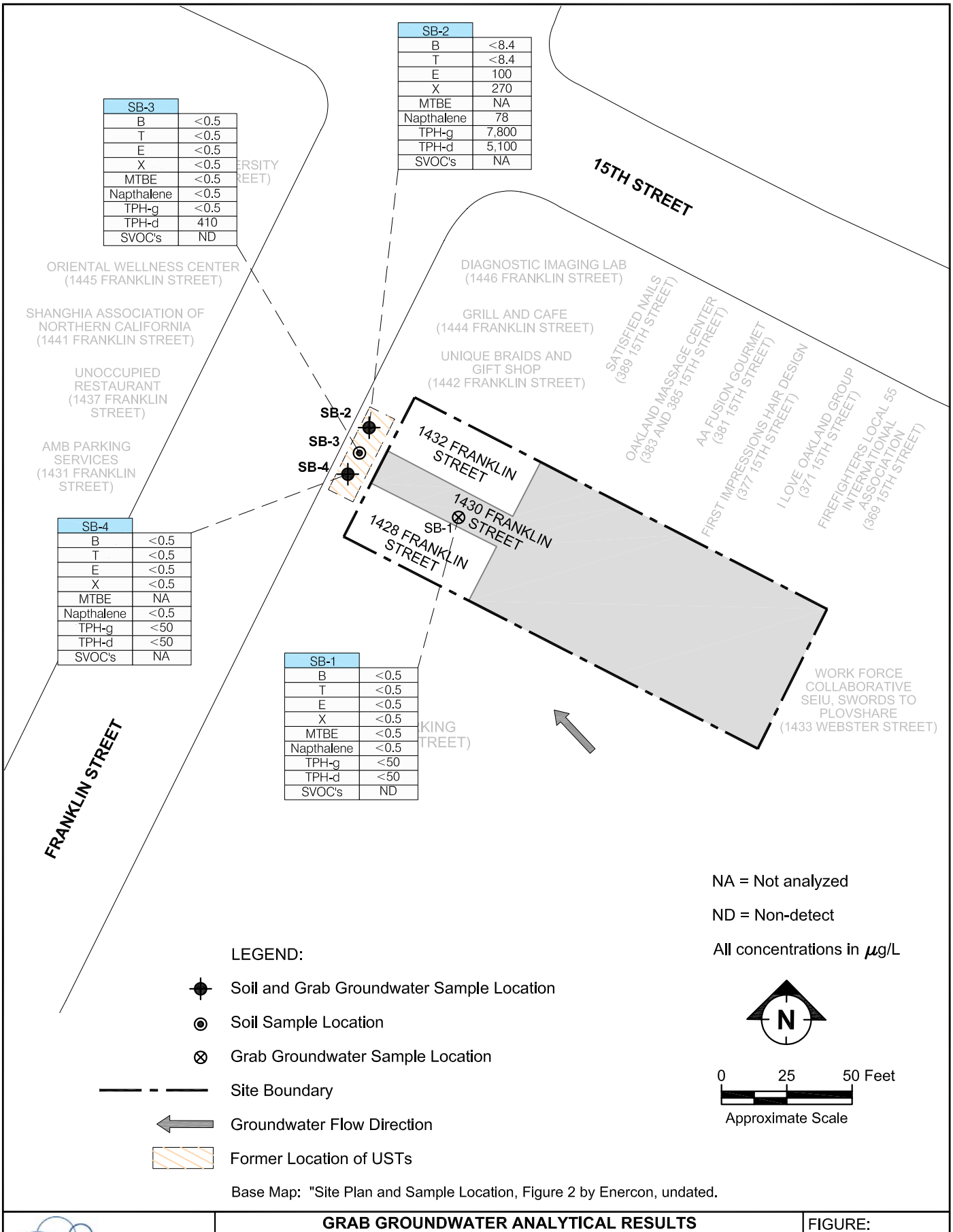


Base Map: "Site Plan and Sample Location, Figure 2 by Enercon, undated.

LRM consulting inc.

SOIL ANALYTICAL RESULTS
CALIFORNIA RURAL LEGAL ASSISTANCE, INC.
1428, 1430, & 1432 FRANLKIN STREET
OAKLAND, CALIFORNIA
MAY 22, 2014

FIGURE: **2**



Base Map: "Site Plan and Sample Location, Figure 2 by Enercon, undated.

LRM consulting inc.

GRAB GROUNDWATER ANALYTICAL RESULTS
CALIFORNIA RURAL LEGAL ASSISTANCE, INC.
1428, 1430, & 1432 FRANLKIN STREET
OAKLAND, CALIFORNIA
MAY 22, 2014

FIGURE:
3

ATTACHMENT 3

AEI CONSULTANTS
2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597
Phone: (925) 283-6000 Fax: (925) 944-2895

February 23, 2004

Inspector Hernan Gomez
City of Oakland Fire Protection

Subject: **Work plan for over-excavation of contaminated soils**
1430 Franklin Street
Oakland, California 94612

Dear Inspector Gomez:

AEI Consultants removed an underground storage tank used to store home heating oil at the above referenced property on January 15th, 2004. After the removal of the tank, two soil samples were taken at of the bottom of the excavation, at a depth of eight feet, and a four point composite sample was taken of the stockpiled soils. The excavation was then backfilled with the stockpiled soil, lined with Visqueen, and filled with clean import material to replace the volume of the tank. Elevated levels of TPH(d) and TPH(g) were present in the samples taken at the excavation bottom, which prompting the need for remedial activities.

AEI will perform the following tasks to complete the proposed investigation:

- Soil will be excavated until one of the following three events occur:
  1) The extent of visual contamination is uncovered and excavated.
  2) Groundwater is encountered.
  3) A maximum depth of 14 feet below ground surface is reached.
- The excavation will also be extended three feet to the south due to field observations indicating contamination had spread in that direction. Further excavation is limited on the remaining sides of the excavation.
- Profile soil for disposal at Keller Canyon Landfill.
- Excavated soil will be directly loaded, transported, and disposed of at Keller Canyon Landfill.
- Collect a total of five (5) confirmation soil samples from the excavation and deliver for analysis at a state-certified laboratory. One (1) sample will be collected from the bottom of the excavation and four (4) from the sidewalls of the excavation.
- Samples collected from the over-excavation activities will be analyzed for the following:
  Gas/Diesel/Total Lead UST analysis
  - TPH as diesel (EPA method 3550/8015)
  - TPH as gasoline (EPA method 3550/8015)
  - Total Lead (AA)
  - BTEX, MTBE (EPA method 8020)
- Upon completion of the excavation activities, AEI will backfill and compact with clean import material.
- AEI will provide a final report detailing the over-excavation activities.

If you have any questions, please do not hesitate to call me at (925) 283-6000 x119.

Sincerely,
AEI Consultants

Peter Hoversen
Project Manager

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone: 925-798-1620 Fax: 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc.	Client Project ID: #7839; Franklin	Date Sampled: 01/14/04
2500 Camino Diablo, Ste. #200		Date Received: 01/15/04
Walnut Creek, CA 94597	Client Contact: Peter Hoverson	Date Extracted: 01/15/04
	Client P.O.:	Date Analyzed: 01/16/04

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Cm Work Order: 0401165

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	EB-1	S	1300,m	ND<5.0	ND<0.50	ND<0.50	2.8	8.3	100	110
002A	EB-2	S	3800,m	ND<5.0	ND<0.50	ND<0.50	4.5	11	100	102
003A	STK 1-4	S	ND	ND	ND	ND	ND	ND	1	103
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	1	mg/Kg

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

McCampbell Analytical Inc.
110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
http://www.mccampbell.com E-mail: main@mccampbell.com

All Environmental, Inc.	Client Project ID: #7839; Franklin	Date Sampled: 01/14/04
2500 Camino Diablo, Ste. #200		Date Received: 01/15/04
Walnut Creek, CA 94597	Client Contact: Peter Hoverson	Date Extracted: 01/15/04
	Client P.O.:	Date Analyzed: 01/16/04

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0401165

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0401165-001A	EB-1	S	600,d	10	89.5
0401165-002A	EB-2	S	1700,d	50	104
0401165-003A	STK 1-4	S	ND	1	95.6
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	NA		NA
		S	1.0		mg/Kg

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

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

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~2 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.

DHS Certification No. 1644

Angela Rydelius, Lab Manager

Table 1. Concentrations of Petroleum Hydrocarbons in Soil
1428-1432 Franklin Street, Oakland, CA

Boring ID	Sample Date	Sample Depth (ft)	Benzene	Toleuene	Ethylbenzene	Xylenes	Naphthalene	TPH-g	TPH-d
SB-2-1	5/22/2014	3	<0.005	**0.014**	<0.005	<0.005	<0.005	**0.86**	**16**
SB-2-2	5/22/2014	10	<0.005	<0.005	<0.005	**0.016**	<0.005	**32**	**28**
SB-2-4	5/22/2014	20	<0.005	<0.005	**21**	**43**	**12**	**2200**	**1100**
SB-3-1	5/22/2014	5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<1
SB-3-2	5/22/2014	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<1
SB-3-3	5/22/2014	15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<1
SB-4-1	5/22/2014	5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<1
SB-4-2	5/22/2014	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	**1.1**
SB-4-4	5/22/2014	20	<0.005	<0.005	<0.005	<0.005	<0.005	<0.25	<1

Residential ESL- Direct Exposure	0.74	1000	4.8	600	3.1	770	240
Commercial ESL- Direct Exposure	3.7	4900	24	2,600	15	4000	1,100
ESL-Soil Leaching to Groundwater	0.044	2.9	3.3	2.3	1.2	500*	110*

All concentrations in mg/kg
* Value represents ceilving value.

Table 2. Concentrations of Petroleum Hydrocarbons in Groundwater
1428-1432 Franklin Street, Oakland, CA

Boring ID	Sample Date	Sample Depth (ft)	Benzene	Toleuene	Ethylbenzene	Xylenes	Naphthalene	TPH-g	TPH-d
SB-1-GW	5/22/2014	26	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<50
SB-2-GW	5/22/2014	26	<8.4	<8.4	**100**	**270**	**78**	**7,800**	**5,100**
SB-3-GS	5/22/2014	26	<0.5	<0.5	<0.5	<0.5	<0.5	<50	**410**
SB-4-GW	5/22/2014	26	<0.5	<0.5	<0.5	<0.5	<0.5	<50	<50

Drinking Water Standards	1	150	300.0	1800	6.1	100	100
Groundwater ESLs for Protection of Vapor Intrusion- Commercial-Coarse Mix	270	95,000*	3,100.0	37,000*	1600	NA	NA

All concentrations in ug/L
Value represents residential land use

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/22/14-5/23/14	**Unit:**	mg/kg

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-1	**1405896-001A**	**Soil**	**05/22/2014 10:25**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**0.86**	0.25	1	05/27/2014 12:53

Surrogates	REC (%)	Limits	
Toluene-d8	102	70-130	05/27/2014 12:53

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-2	**1405896-002A**	**Soil**	**05/22/2014 10:35**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**32**	1.0	4	05/28/2014 21:55

Surrogates	REC (%)	Limits	
Toluene-d8	102	70-130	05/28/2014 21:55

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-4	**1405896-004A**	**Soil**	**05/22/2014 10:55**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**2200**	250	1000	05/28/2014 16:02

Surrogates	REC (%)	Limits	
Toluene-d8	101	70-130	05/28/2014 16:02

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-1	**1405896-007A**	**Soil**	**05/22/2014 11:45**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/28/2014 23:21

Surrogates	REC (%)	Limits	
Toluene-d8	103	70-130	05/28/2014 23:21

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-2	**1405896-008A**	**Soil**	**05/22/2014 11:55**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/29/2014 00:04

Surrogates	REC (%)	Limits	
Toluene-d8	103	70-130	05/29/2014 00:04

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/22/14-5/23/14	**Unit:**	mg/kg

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-3	**1405896-009A**	**Soil**	**05/22/2014 12:10**	**GC16**	**90788**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/29/2014 01:30

Surrogates	REC (%)	Limits	
Toluene-d8	103	70-130	05/29/2014 01:30

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-1	**1405896-013A**	**Soil**	**05/22/2014 13:10**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/29/2014 00:47

Surrogates	REC (%)	Limits	
Toluene-d8	102	70-130	05/29/2014 00:47

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-2	**1405896-014A**	**Soil**	**05/22/2014 13:20**	**GC16**	**90764**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/27/2014 12:10

Surrogates	REC (%)	Limits	
Toluene-d8	101	70-130	05/27/2014 12:10

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/22/14	**Unit:**	mg/kg

MTBE and BTEX by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-1	**1405896-001A**	**Soil**	**05/22/2014 10:25**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/27/2014 12:53
Ethylbenzene	ND	0.0050	1	05/27/2014 12:53
Naphthalene	ND	0.0050	1	05/27/2014 12:53
Toluene	**0.014**	0.0050	1	05/27/2014 12:53
Xylenes, Total	ND	0.0050	1	05/27/2014 12:53
Surrogates	REC (%)	Limits		
Dibromofluoromethane	101	70-130		05/27/2014 12:53
Toluene-d8	100	70-130		05/27/2014 12:53

SB-2-2	1405896-002A	Soil	05/22/2014 10:35	GC16	90755

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/28/2014 17:31
Ethylbenzene	ND	0.0050	1	05/28/2014 17:31
Naphthalene	ND	0.0050	1	05/28/2014 17:31
Toluene	ND	0.0050	1	05/28/2014 17:31
Xylenes, Total	**0.016**	0.0050	1	05/28/2014 17:31
Surrogates	REC (%)	Limits		
Dibromofluoromethane	100	70-130		05/28/2014 17:31
Toluene-d8	118	70-130		05/28/2014 17:31

SB-2-4	1405896-004A	Soil	05/22/2014 10:55	GC16	90755

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	1.0	200	05/27/2014 13:36
Ethylbenzene	**21**	1.0	200	05/27/2014 13:36
Naphthalene	**12**	1.0	200	05/27/2014 13:36
Toluene	ND	1.0	200	05/27/2014 13:36
Xylenes, Total	**43**	1.0	200	05/27/2014 13:36
Surrogates	REC (%)	Limits		
Dibromofluoromethane	105	70-130		05/27/2014 13:36
Toluene-d8	121	70-130		05/27/2014 13:36

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/22/14	**Unit:**	mg/kg

MTBE and BTEX by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-1	**1405896-007A**	**Soil**	**05/22/2014 11:45**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/28/2014 23:21
Ethylbenzene	ND	0.0050	1	05/28/2014 23:21
Naphthalene	ND	0.0050	1	05/28/2014 23:21
Toluene	ND	0.0050	1	05/28/2014 23:21
Xylenes, Total	ND	0.0050	1	05/28/2014 23:21
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	100	70-130		05/28/2014 23:21
Toluene-d8	102	70-130		05/28/2014 23:21

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-2	**1405896-008A**	**Soil**	**05/22/2014 11:55**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/29/2014 00:04
Ethylbenzene	ND	0.0050	1	05/29/2014 00:04
Naphthalene	ND	0.0050	1	05/29/2014 00:04
Toluene	ND	0.0050	1	05/29/2014 00:04
Xylenes, Total	ND	0.0050	1	05/29/2014 00:04
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	99	70-130		05/29/2014 00:04
Toluene-d8	102	70-130		05/29/2014 00:04

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-1	**1405896-013A**	**Soil**	**05/22/2014 13:10**	**GC16**	**90755**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/29/2014 00:47
Ethylbenzene	ND	0.0050	1	05/29/2014 00:47
Naphthalene	ND	0.0050	1	05/29/2014 00:47
Toluene	ND	0.0050	1	05/29/2014 00:47
Xylenes, Total	ND	0.0050	1	05/29/2014 00:47
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	98	70-130		05/29/2014 00:47
Toluene-d8	101	70-130		05/29/2014 00:47

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/23/14	**Unit:**	mg/kg

Benzene, Toluene, Ethylbenzene & Xylenes (BTEX) by P&T and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-3	**1405896-009A**	**Soil**	**05/22/2014 12:10**	**GC16**	**90788**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/29/2014 01:30
Ethylbenzene	ND	0.0050	1	05/29/2014 01:30
Toluene	ND	0.0050	1	05/29/2014 01:30
Xylenes, Total	ND	0.0050	1	05/29/2014 01:30
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	99	70-130		05/29/2014 01:30
Toluene-d8	102	70-130		05/29/2014 01:30
4-BFB	121	70-130		05/29/2014 01:30

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	5/22/14	**Unit:**	mg/kg

MTBE and BTEX by GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-2	**1405896-014A**	**Soil**	**05/22/2014 13:20**	**GC16**	**90764**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	05/27/2014 12:10
Ethylbenzene	ND	0.0050	1	05/27/2014 12:10
Naphthalene	ND	0.0050	1	05/27/2014 12:10
Toluene	ND	0.0050	1	05/27/2014 12:10
Xylenes, Total	ND	0.0050	1	05/27/2014 12:10
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	103	70-130		05/27/2014 12:10
Toluene-d8	100	70-130		05/27/2014 12:10

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW3550B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8015B
Date Prepared:	5/22/14-5/23/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-1	**1405896-001A**	**Soil**	**05/22/2014 10:25**	**GC2A**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**16**	2.0	2	05/30/2014 11:57

Surrogates	REC (%)	Limits	Analytical Comments: e7,e2	
C9	112	70-130		05/30/2014 11:57

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-2	**1405896-002A**	**Soil**	**05/22/2014 10:35**	**GC9b**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**28**	1.0	1	05/24/2014 07:01

Surrogates	REC (%)	Limits	Analytical Comments: e11	
C9	98	70-130		05/24/2014 07:01

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2-4	**1405896-004A**	**Soil**	**05/22/2014 10:55**	**GC2A**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1100**	20	20	05/30/2014 09:24

Surrogates	REC (%)	Qualifiers	Limits	Analytical Comments: e11,c4	
C9	255	S	70-130		05/30/2014 09:24

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-1	**1405896-007A**	**Soil**	**05/22/2014 11:45**	**GC6A**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/28/2014 02:47

Surrogates	REC (%)	Limits		
C9	106	70-130		05/28/2014 02:47

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-2	**1405896-008A**	**Soil**	**05/22/2014 11:55**	**GC6A**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/28/2014 08:46

Surrogates	REC (%)	Limits		
C9	97	70-130		05/28/2014 08:46

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW3550B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8015B
Date Prepared:	5/22/14-5/23/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3-3	**1405896-009A**	**Soil**	**05/22/2014 12:10**	**GC6A**	**90770**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/23/2014 23:55
Surrogates	**REC (%)**	**Limits**		
C9	98	70-130		05/23/2014 23:55

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-1	**1405896-013A**	**Soil**	**05/22/2014 13:10**	**GC9b**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/24/2014 04:44
Surrogates	**REC (%)**	**Limits**		
C9	106	70-130		05/24/2014 04:44

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-2	**1405896-014A**	**Soil**	**05/22/2014 13:20**	**GC9b**	**90763**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.1**	1.0	1	05/30/2014 03:24
Surrogates	**REC (%)**	**Limits**	Analytical Comments: e2	
C9	106	70-130		05/30/2014 03:24

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	6/2/14	**Unit:**	mg/kg

Benzene, Toluene, Ethylbenzene & Xylenes (BTEX) by P&T and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-4	**1405896-016A**	**Soil**	**05/22/2014 13:50**	**GC16**	**91086**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.0050	1	06/05/2014 11:10
Ethylbenzene	ND	0.0050	1	06/05/2014 11:10
Naphthalene	ND	0.0050	1	06/05/2014 11:10
Toluene	ND	0.0050	1	06/05/2014 11:10
Xylenes, Total	ND	0.0050	1	06/05/2014 11:10
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	94	70-130		06/05/2014 11:10
Toluene-d8	95	70-130		06/05/2014 11:10
4-BFB	116	70-130		06/05/2014 11:10

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW5030B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8260B
Date Prepared:	6/2/14	**Unit:**	mg/kg

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-4	**1405896-016A**	**Soil**	**05/22/2014 13:50**	**GC16**	**91086**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	06/05/2014 11:10

Surrogates	REC (%)	Limits	
Toluene-d8	104	70-130	06/05/2014 11:10

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405896
Project:	#1428-1430 Franklin St	**Extraction Method:**	SW3550B
Date Received:	5/22/14 19:35	**Analytical Method:**	SW8015B
Date Prepared:	6/2/14	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4-4	**1405896-016A**	**Soil**	**05/22/2014 13:50**	**GC6B**	**91043**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	06/05/2014 05:07
Surrogates	**REC (%)**	**Limits**		
C9	100	70-130		06/05/2014 05:07

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW5030B
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8260B
Date Prepared:	5/30/14	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001C**	**Water**	**05/22/2014 13:40**	**GC28**	**91011**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	05/30/2014 13:56
Benzene	ND	0.50	1	05/30/2014 13:56
t-Butyl alcohol (TBA)	ND	2.0	1	05/30/2014 13:56
Diisopropyl ether (DIPE)	ND	0.50	1	05/30/2014 13:56
Ethylbenzene	ND	0.50	1	05/30/2014 13:56
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	05/30/2014 13:56
Methyl-t-butyl ether (MTBE)	ND	0.50	1	05/30/2014 13:56
Naphthalene	ND	0.50	1	05/30/2014 13:56
Toluene	ND	0.50	1	05/30/2014 13:56
Xylenes, Total	ND	0.50	1	05/30/2014 13:56

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Dibromofluoromethane	100	70-130		05/30/2014 13:56
Toluene-d8	102	70-130		05/30/2014 13:56
4-BFB	98	70-130		05/30/2014 13:56

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2	**1405899-002B**	**Water**	**05/22/2014 13:39**	**GC16**	**91010**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	8.4	17	05/30/2014 16:37
Ethylbenzene	**100**	8.4	17	05/30/2014 16:37
Naphthalene	**78**	8.4	17	05/30/2014 16:37
Toluene	ND	8.4	17	05/30/2014 16:37
Xylenes, Total	**270**	8.4	17	05/30/2014 16:37

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Dibromofluoromethane	100	70-130		05/30/2014 16:37
Toluene-d8	92	70-130		05/30/2014 16:37
4-BFB	125	70-130		05/30/2014 16:37

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW5030B
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8260B
Date Prepared:	5/30/14	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003C**	**Water**	**05/22/2014 13:51**	**GC28**	**91011**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	05/30/2014 14:35
Benzene	ND	0.50	1	05/30/2014 14:35
t-Butyl alcohol (TBA)	ND	2.0	1	05/30/2014 14:35
Diisopropyl ether (DIPE)	ND	0.50	1	05/30/2014 14:35
Ethylbenzene	ND	0.50	1	05/30/2014 14:35
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	05/30/2014 14:35
Methyl-t-butyl ether (MTBE)	ND	0.50	1	05/30/2014 14:35
Naphthalene	ND	0.50	1	05/30/2014 14:35
Toluene	ND	0.50	1	05/30/2014 14:35
Xylenes, Total	ND	0.50	1	05/30/2014 14:35

Surrogates	REC (%)	Limits	Analytical Comments: b1
Dibromofluoromethane	104	70-130	05/30/2014 14:35
Toluene-d8	103	70-130	05/30/2014 14:35
4-BFB	100	70-130	05/30/2014 14:35

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4	**1405899-004B**	**Water**	**05/22/2014 14:20**	**GC16**	**91010**

Analytes	Result	RL	DF	Date Analyzed
Benzene	ND	0.50	1	05/30/2014 15:54
Ethylbenzene	ND	0.50	1	05/30/2014 15:54
Naphthalene	ND	0.50	1	05/30/2014 15:54
Toluene	ND	0.50	1	05/30/2014 15:54
Xylenes, Total	ND	0.50	1	05/30/2014 15:54

Surrogates	REC (%)	Limits	Analytical Comments: b1
Dibromofluoromethane	106	70-130	05/30/2014 15:54
Toluene-d8	90	70-130	05/30/2014 15:54
4-BFB	106	70-130	05/30/2014 15:54

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001B**	**Water**	**05/22/2014 13:40**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	2.4	1	05/23/2014 18:04
Acenaphthylene	ND	2.4	1	05/23/2014 18:04
Acetochlor	ND	2.4	1	05/23/2014 18:04
Anthracene	ND	2.4	1	05/23/2014 18:04
Benzidine	ND	12	1	05/23/2014 18:04
Benzo (a) anthracene	ND	2.4	1	05/23/2014 18:04
Benzo (b) fluoranthene	ND	2.4	1	05/23/2014 18:04
Benzo (k) fluoranthene	ND	2.4	1	05/23/2014 18:04
Benzo (g,h,i) perylene	ND	2.4	1	05/23/2014 18:04
Benzo (a) pyrene	ND	2.4	1	05/23/2014 18:04
Benzyl Alcohol	ND	12	1	05/23/2014 18:04
1,1-Biphenyl	ND	2.4	1	05/23/2014 18:04
Bis (2-chloroethoxy) Methane	ND	2.4	1	05/23/2014 18:04
Bis (2-chloroethyl) Ether	ND	2.4	1	05/23/2014 18:04
Bis (2-chloroisopropyl) Ether	ND	2.4	1	05/23/2014 18:04
Bis (2-ethylhexyl) Adipate	ND	2.4	1	05/23/2014 18:04
Bis (2-ethylhexyl) Phthalate	ND	4.9	1	05/23/2014 18:04
4-Bromophenyl Phenyl Ether	ND	12	1	05/23/2014 18:04
Butylbenzyl Phthalate	ND	2.4	1	05/23/2014 18:04
4-Chloroaniline	ND	4.9	1	05/23/2014 18:04
4-Chloro-3-methylphenol	ND	12	1	05/23/2014 18:04
2-Chloronaphthalene	ND	2.4	1	05/23/2014 18:04
2-Chlorophenol	ND	2.4	1	05/23/2014 18:04
4-Chlorophenyl Phenyl Ether	ND	2.4	1	05/23/2014 18:04
Chrysene	ND	2.4	1	05/23/2014 18:04
Dibenzo (a,h) anthracene	ND	2.4	1	05/23/2014 18:04
Dibenzofuran	ND	2.4	1	05/23/2014 18:04
Di-n-butyl Phthalate	ND	2.4	1	05/23/2014 18:04
1,2-Dichlorobenzene	ND	2.4	1	05/23/2014 18:04
1,3-Dichlorobenzene	ND	2.4	1	05/23/2014 18:04
1,4-Dichlorobenzene	ND	2.4	1	05/23/2014 18:04
3,3-Dichlorobenzidine	ND	4.9	1	05/23/2014 18:04
2,4-Dichlorophenol	ND	2.4	1	05/23/2014 18:04
Diethyl Phthalate	ND	2.4	1	05/23/2014 18:04
2,4-Dimethylphenol	ND	2.4	1	05/23/2014 18:04
Dimethyl Phthalate	ND	2.4	1	05/23/2014 18:04
4,6-Dinitro-2-methylphenol	ND	12	1	05/23/2014 18:04
2,4-Dinitrophenol	ND	31	1	05/23/2014 18:04

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001B**	**Water**	**05/22/2014 13:40**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	2.4	1	05/23/2014 18:04
2,6-Dinitrotoluene	ND	2.4	1	05/23/2014 18:04
Di-n-octyl Phthalate	ND	2.4	1	05/23/2014 18:04
1,2-Diphenylhydrazine	ND	2.4	1	05/23/2014 18:04
Fluoranthene	ND	2.4	1	05/23/2014 18:04
Fluorene	ND	2.4	1	05/23/2014 18:04
Hexachlorobenzene	ND	2.4	1	05/23/2014 18:04
Hexachlorobutadiene	ND	2.4	1	05/23/2014 18:04
Hexachlorocyclopentadiene	ND	12	1	05/23/2014 18:04
Hexachloroethane	ND	2.4	1	05/23/2014 18:04
Indeno (1,2,3-cd) pyrene	ND	2.4	1	05/23/2014 18:04
Isophorone	ND	2.4	1	05/23/2014 18:04
2-Methylnaphthalene	ND	2.4	1	05/23/2014 18:04
2-Methylphenol (o-Cresol)	ND	2.4	1	05/23/2014 18:04
3 &/or 4-Methylphenol (m,p-Cresol)	ND	2.4	1	05/23/2014 18:04
Naphthalene	ND	2.4	1	05/23/2014 18:04
2-Nitroaniline	ND	12	1	05/23/2014 18:04
3-Nitroaniline	ND	12	1	05/23/2014 18:04
4-Nitroaniline	ND	12	1	05/23/2014 18:04
Nitrobenzene	ND	2.4	1	05/23/2014 18:04
2-Nitrophenol	ND	12	1	05/23/2014 18:04
4-Nitrophenol	ND	12	1	05/23/2014 18:04
N-Nitrosodiphenylamine	ND	2.4	1	05/23/2014 18:04
N-Nitrosodi-n-propylamine	ND	2.4	1	05/23/2014 18:04
Pentachlorophenol	ND	12	1	05/23/2014 18:04
Phenanthrene	ND	2.4	1	05/23/2014 18:04
Phenol	ND	2.4	1	05/23/2014 18:04
Pyrene	ND	2.4	1	05/23/2014 18:04
1,2,4-Trichlorobenzene	ND	2.4	1	05/23/2014 18:04
2,4,5-Trichlorophenol	ND	2.4	1	05/23/2014 18:04
2,4,6-Trichlorophenol	ND	2.4	1	05/23/2014 18:04

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001B**	**Water**	**05/22/2014 13:40**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: b1	
2-Fluorophenol	40	8-130		05/23/2014 18:04
Phenol-d5	30	5-130		05/23/2014 18:04
Nitrobenzene-d5	80	20-140		05/23/2014 18:04
2-Fluorobiphenyl	94	40-140		05/23/2014 18:04
2,4,6-Tribromophenol	115	16-180		05/23/2014 18:04
4-Terphenyl-d14	132	40-170		05/23/2014 18:04

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003B**	**Water**	**05/22/2014 13:51**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	2.2	1	05/23/2014 18:32
Acenaphthylene	ND	2.2	1	05/23/2014 18:32
Acetochlor	ND	2.2	1	05/23/2014 18:32
Anthracene	ND	2.2	1	05/23/2014 18:32
Benzidine	ND	11	1	05/23/2014 18:32
Benzo (a) anthracene	ND	2.2	1	05/23/2014 18:32
Benzo (b) fluoranthene	ND	2.2	1	05/23/2014 18:32
Benzo (k) fluoranthene	ND	2.2	1	05/23/2014 18:32
Benzo (g,h,i) perylene	ND	2.2	1	05/23/2014 18:32
Benzo (a) pyrene	ND	2.2	1	05/23/2014 18:32
Benzyl Alcohol	ND	11	1	05/23/2014 18:32
1,1-Biphenyl	ND	2.2	1	05/23/2014 18:32
Bis (2-chloroethoxy) Methane	ND	2.2	1	05/23/2014 18:32
Bis (2-chloroethyl) Ether	ND	2.2	1	05/23/2014 18:32
Bis (2-chloroisopropyl) Ether	ND	2.2	1	05/23/2014 18:32
Bis (2-ethylhexyl) Adipate	ND	2.2	1	05/23/2014 18:32
Bis (2-ethylhexyl) Phthalate	ND	4.3	1	05/23/2014 18:32
4-Bromophenyl Phenyl Ether	ND	11	1	05/23/2014 18:32
Butylbenzyl Phthalate	ND	2.2	1	05/23/2014 18:32
4-Chloroaniline	ND	4.3	1	05/23/2014 18:32
4-Chloro-3-methylphenol	ND	11	1	05/23/2014 18:32
2-Chloronaphthalene	ND	2.2	1	05/23/2014 18:32
2-Chlorophenol	ND	2.2	1	05/23/2014 18:32
4-Chlorophenyl Phenyl Ether	ND	2.2	1	05/23/2014 18:32
Chrysene	ND	2.2	1	05/23/2014 18:32
Dibenzo (a,h) anthracene	ND	2.2	1	05/23/2014 18:32
Dibenzofuran	ND	2.2	1	05/23/2014 18:32
Di-n-butyl Phthalate	ND	2.2	1	05/23/2014 18:32
1,2-Dichlorobenzene	ND	2.2	1	05/23/2014 18:32
1,3-Dichlorobenzene	ND	2.2	1	05/23/2014 18:32
1,4-Dichlorobenzene	ND	2.2	1	05/23/2014 18:32
3,3-Dichlorobenzidine	ND	4.3	1	05/23/2014 18:32
2,4-Dichlorophenol	ND	2.2	1	05/23/2014 18:32
Diethyl Phthalate	ND	2.2	1	05/23/2014 18:32
2,4-Dimethylphenol	ND	2.2	1	05/23/2014 18:32
Dimethyl Phthalate	ND	2.2	1	05/23/2014 18:32
4,6-Dinitro-2-methylphenol	ND	11	1	05/23/2014 18:32
2,4-Dinitrophenol	ND	27	1	05/23/2014 18:32

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003B**	**Water**	**05/22/2014 13:51**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
2,4-Dinitrotoluene	ND	2.2	1	05/23/2014 18:32
2,6-Dinitrotoluene	ND	2.2	1	05/23/2014 18:32
Di-n-octyl Phthalate	ND	2.2	1	05/23/2014 18:32
1,2-Diphenylhydrazine	ND	2.2	1	05/23/2014 18:32
Fluoranthene	ND	2.2	1	05/23/2014 18:32
Fluorene	ND	2.2	1	05/23/2014 18:32
Hexachlorobenzene	ND	2.2	1	05/23/2014 18:32
Hexachlorobutadiene	ND	2.2	1	05/23/2014 18:32
Hexachlorocyclopentadiene	ND	11	1	05/23/2014 18:32
Hexachloroethane	ND	2.2	1	05/23/2014 18:32
Indeno (1,2,3-cd) pyrene	ND	2.2	1	05/23/2014 18:32
Isophorone	ND	2.2	1	05/23/2014 18:32
2-Methylnaphthalene	ND	2.2	1	05/23/2014 18:32
2-Methylphenol (o-Cresol)	ND	2.2	1	05/23/2014 18:32
3 &/or 4-Methylphenol (m,p-Cresol)	ND	2.2	1	05/23/2014 18:32
Naphthalene	ND	2.2	1	05/23/2014 18:32
2-Nitroaniline	ND	11	1	05/23/2014 18:32
3-Nitroaniline	ND	11	1	05/23/2014 18:32
4-Nitroaniline	ND	11	1	05/23/2014 18:32
Nitrobenzene	ND	2.2	1	05/23/2014 18:32
2-Nitrophenol	ND	11	1	05/23/2014 18:32
4-Nitrophenol	ND	11	1	05/23/2014 18:32
N-Nitrosodiphenylamine	ND	2.2	1	05/23/2014 18:32
N-Nitrosodi-n-propylamine	ND	2.2	1	05/23/2014 18:32
Pentachlorophenol	ND	11	1	05/23/2014 18:32
Phenanthrene	ND	2.2	1	05/23/2014 18:32
Phenol	ND	2.2	1	05/23/2014 18:32
Pyrene	ND	2.2	1	05/23/2014 18:32
1,2,4-Trichlorobenzene	ND	2.2	1	05/23/2014 18:32
2,4,5-Trichlorophenol	ND	2.2	1	05/23/2014 18:32
2,4,6-Trichlorophenol	ND	2.2	1	05/23/2014 18:32

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8270C
Date Prepared:	5/23/14	**Unit:**	µg/L

Semi-Volatile Organics by GC/MS (Basic Target List)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003B**	**Water**	**05/22/2014 13:51**	**GC21**	**90800**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits	Analytical Comments: b1	
2-Fluorophenol	39	8-130		05/23/2014 18:32
Phenol-d5	33	5-130		05/23/2014 18:32
Nitrobenzene-d5	66	20-140		05/23/2014 18:32
2-Fluorobiphenyl	77	40-140		05/23/2014 18:32
2,4,6-Tribromophenol	100	16-180		05/23/2014 18:32
4-Terphenyl-d14	114	40-170		05/23/2014 18:32

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW5030B
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8260B
Date Prepared:	5/30/14	**Unit:**	µg/L

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001C**	**Water**	**05/22/2014 13:40**	**GC28**	**91011**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	05/30/2014 13:56

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Toluene-d8	104	70-130		05/30/2014 13:56

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2	**1405899-002B**	**Water**	**05/22/2014 13:39**	**GC16**	**91010**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	**7800**	840	17	05/30/2014 16:37

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Toluene-d8	101	70-130		05/30/2014 16:37

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003C**	**Water**	**05/22/2014 13:51**	**GC28**	**91011**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	05/30/2014 14:35

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Toluene-d8	105	70-130		05/30/2014 14:35

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4	**1405899-004B**	**Water**	**05/22/2014 14:20**	**GC16**	**91010**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	50	1	05/30/2014 15:54

Surrogates	REC (%)	Limits	Analytical Comments: b1	
Toluene-d8	99	70-130		05/30/2014 15:54

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1405899
Project:	#1428 Franklin	**Extraction Method:**	SW3510C
Date Received:	5/22/14 20:31	**Analytical Method:**	SW8015B
Date Prepared:	5/22/14	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-1	**1405899-001A**	**Water**	**05/22/2014 13:40**	**GC6A**	**90758**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	05/26/2014 03:29

Surrogates	REC (%)	Limits	Analytical Comments: b1	
C9	98	70-130		05/26/2014 03:29

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-2	**1405899-002A**	**Water**	**05/22/2014 13:39**	**GC6A**	**90758**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**5100**	50	1	05/26/2014 07:06

Surrogates	REC (%)	Limits	Analytical Comments: e11,a4,b1	
C9	105	70-130		05/26/2014 07:06

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-3	**1405899-003A**	**Water**	**05/22/2014 13:51**	**GC6A**	**90758**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**410**	100	1	05/26/2014 08:18

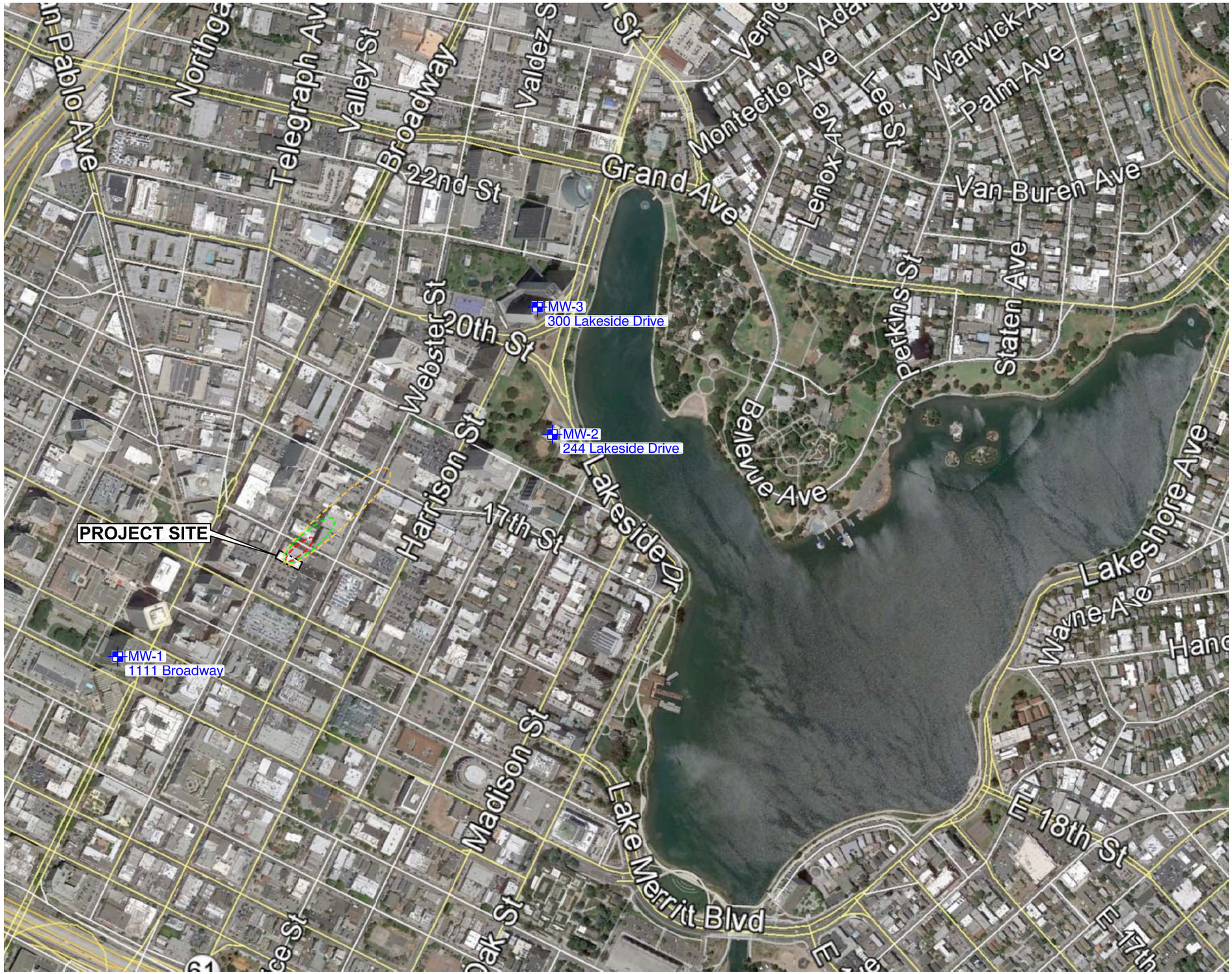
Surrogates	REC (%)	Limits	Analytical Comments: e7,e2,b1	
C9	99	70-130		05/26/2014 08:18

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-4	**1405899-004A**	**Water**	**05/22/2014 14:20**	**GC6A**	**90758**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	05/26/2014 04:41

Surrogates	REC (%)	Limits	Analytical Comments: b1	
C9	97	70-130		05/26/2014 04:41

ATTACHMENT 4



LEGEND:

- Irrigation well
- Average gasoline contour (ug/L)*
- 90th Percentile gasoline contour (ug/L)*
- Maximum gasoline contour (ug/L)*

*100 ug/L contour based on the plume lengths listed on Table 1 of the Technical Justification for Groundwater Plume Lengths, Indicator Constituents, Concentrations, and Buffer Distances (Separation Distances) to Receptors (State Water Resources Control Board Low-Threat UST Closure Policy Task Force, July 11, 2011).

N

0 300 600

Scale (feet)

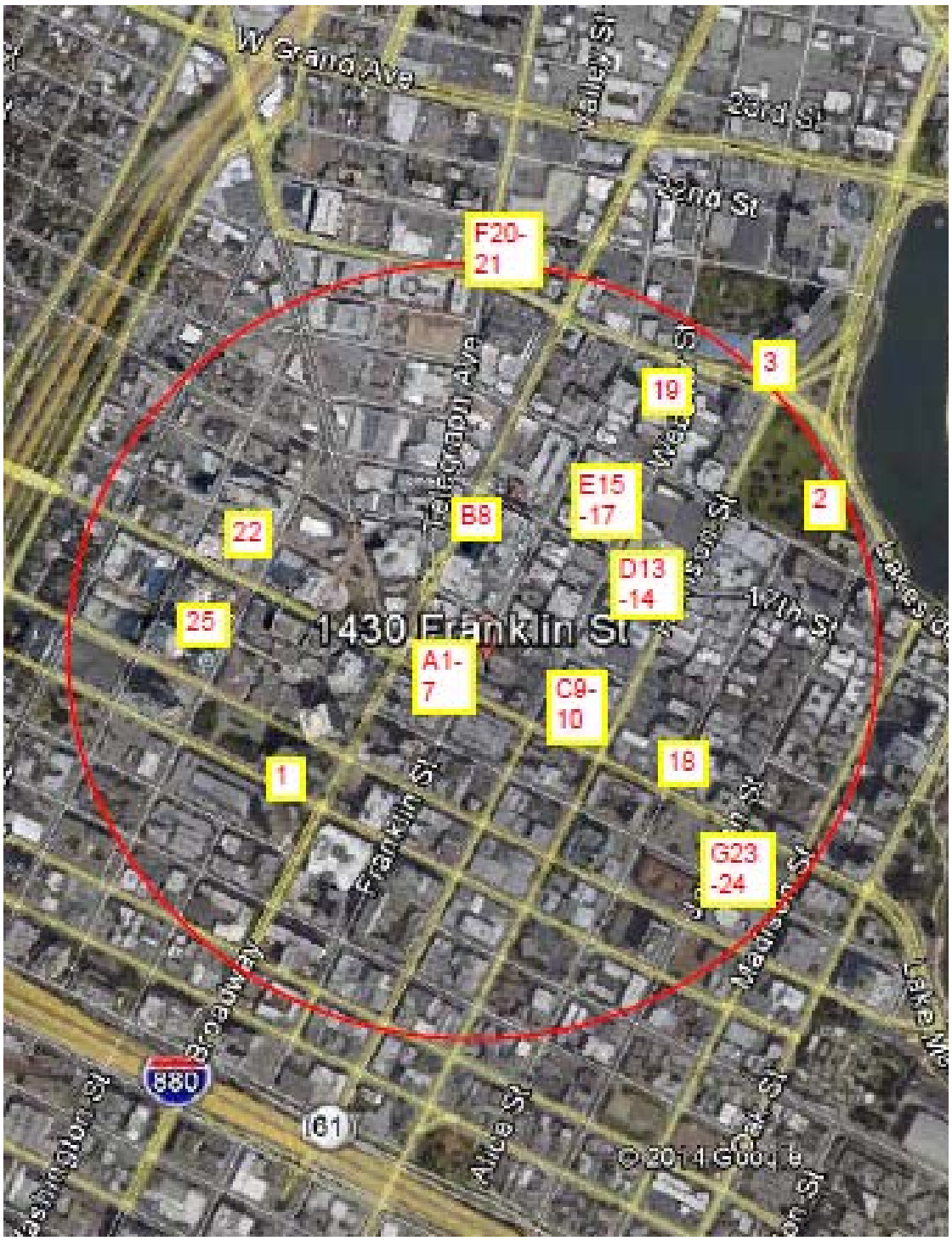
Base Map: Google Earth, 2014.

POTENTIAL PLUME LEGTHS BASED ON LTCP TECHNICAL JUSTICATION

CALIFORNIA RURAL LEGAL ASSISTANCE, INC.
1428, 1430, & 1432 FRANLKIN STREET
OAKLAND, CALIFORNIA

LRM consulting inc.

Date:	Figure:
01/04/2015	4



2 Supply and EDR well locations with number/letter identifiers corresponding to Table 1

Figure III.1 – Well Location Map
1428-1432 Franklin St., Oakland, California Not to Scale

2 Offsite receptor locations with number/letter identifiers corresponding to Table 2

Figure III.2 – Offsite Receptor Location Map
1428-1432 Franklin St., Oakland, California Not to Scale

Well ID	Well Usage and Location	Installation Date	Depth (ft.)
1	Irrigation – 1111 Broadway	1990	480
2	Irrigation – 244 Lakeside Dr.	1977 or 1984	95
3	Irrigation – 300 Lakeside Dr.	1991	280
A1-7	Water supply (unspecified)	NP	NP
B8	NP	1994	NP
C9-10	NP	1990/1999	NP
D13-14	NP	1988/1999	NP
E15-17	NP	1995/1998	NP
F20-21	Water supply (unspecified)	NP	NP
G23-24	NP	1989/1996	NP
18	NP	1991	NP
19	NP	1991	NP
22	NP	1987	NP
25	NP	1987	NP

NP = Not Provided

Table III.1 – Well Survey Results
1428-1432 Franklin St., Oakland, California

Receptor ID	Address/Site Name	Distance from site (ft.)	Direction from site
1	401 15th St. – Lincoln University	160	NNW
A2	Rounesville Health	164	WSW
3	1515 Webster – YMCA	318	E
A4	405 14th Street – Quality Home Health	319	SW
B5	1388 Harrison – Hong Fook Center	729	SE
C6	436 17th Street – Summit Charter Academy	735	N
C7	436 17th Street – Millsmont Academy	735	N
D8	300 Frank Ogawa – E.B. Endoscopy Ctr.	739	WNW
D9	300 Frank Ogawa – E.B. Endosurgery	739	WNW
10	312 13 Street – De Hieu Le, MD	785	SSE
E11	1611 Telegraph – Nurses In Action	799	NNW
E12	1629 Telegraph – Michelle Tam, MD	825	NNW
E13	1629 Telegraph – Lew Lee, MD	825	NNW
B14	275 14th Street – Hong Fook ADHC	889	SE
F15 & 16	345 12th Street – Lighthouse Charter School	899	S
17	1814 Franklin Street – Pacific Occupational	937	NNE
18	285 17th Street – Oasis High School	1041	ENE
G19	1755 Broadway – Cal Pep/Mobile Van	1048	N
G20 & 21	1755 Broadway – APEB Wellness Center	1048	N

Receptor ID	Address/Site Name	Distance from site (ft.)	Direction from site
H22	301 12th Street – Lake Merritt Child Care	1060	S
23	1111 Franklin – UC Admin.	1087	SSW
24	246 14th Street – Starlite Child Development	1131	SE
25	361 19th Street – Oakland Foot Clinic	1140	NE
H26 & 27	274 12th Street – Oakland Head Start	1143	SSE
I28 & 29	1515 Clay Street – Bright Future Learning Center	1280	WNW
30	250 17th Street – Oakland USD	1303	ENE
31	1601 Clay St. – Academy of Chinese Culture	1306	NW
J32	1525 Jackson – Child care	1426	ESE
33	570 14th Street – West Coast Feminist Health	1437	WNW
J34	1540 Jackson – Child care	1475	E
K35 - 37	1850 Alice Street – Lake Park Residences	1476	ENE
38	1920 Telegraph – Bay Area Technology	1510	N
L39	1200 Clay Street – Medical Group	1529	W
L40	1200 Clay Street – Barbara Holmes	1529	W
41	1570 Jackson – Terry Jackson Jones	1538	E
42	1800 San Pablo – Oakland School for Arts	1569	NW
43	291 10th Street – OUSD	1579	S
44	1970 Broadway – NSI Home Health Services	1629	N
45	225 11th Street – Lincoln Elementary School	1660	SSE
M46 – 49	388 9th Street – medical offices	1670	SSW
N50 - 52	169 14th Street – Little Stars Preschool	1674	SE

Receptor ID	Address/Site Name	Distance from site (ft.)	Direction from site
M53 & 54	373 9th Street – medical offices	1684	SSW
O55 - 57	341&345 9th Street – medical offices	1709	SSW
58	919 Harrison – medical office	1742	S
59	300 Lakeside Drive – Employee Health Svcs.	1919	ENE
P60 - 62	818 Webster Street – medical offices	1918	SSW
63	412 8th Street – medical office	1969	SW
Q64 & 65	536 20th – Miles Inc./Aventis Bio Services	1989	NNW
R66	821 Harrison – Asian Network Physical Thpy.	1999	S

Table III.2 – Offsite Receptor Survey Results
1428-1432 Franklin St., Oakland, California