August 8, 2011

PHASE II SUBSURFACE INVESTIGATION REPORT

Property Identification:
1900 Webster Street
Oakland, California 94621

AEI Project No. 297305

Prepared for:
Pacific Health Clinic
1940 Webster Street
Oakland, California 94612

Prepared by:
AEI Consultants
2500 Camino Diablo
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2500 Camino Diablo, Walnut Creek, CA 94597
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August 8, 2011

Dr. Farah Rana
Pacific Health Clinic
1940 Webster Street
Oakland, California 94612

Subject: **Phase II Subsurface Investigation**
1900 Webster Street
Oakland, CA 94612
AEI Project No. 297305

Dear Dr. Rana,

The following report describes the activities and results of the subsurface investigation performed by AEI Consultants at the above referenced property (Figure 1: Site Location Map) on July 20, 2011. The investigation included the collection of soil samples from three (3) locations throughout the property. This investigation was performed in order to assess whether the property had been impacted as a result of the historic operations on site and if associated hazardous materials have affected the subject property subsurface.

I Site Description and Background

The subject property, which consists of a two-tenant commercial office building, is located at the northeast intersection of Webster Street and 19th Street in a commercial area of Oakland, California. The property totals approximately 0.138 acre and is improved with a two-story building totaling approximately 8,000 square feet. The building is constructed slab-on grade with no evidence of a basement or other sub-grade areas. The subject property is currently occupied by Lake Merritt Dental and IKON Office Solutions. On-site operations include dental and copy service office activities. The building occupies the entire subject property lot.

A Phase I Environmental Site Assessment (ESA) was performed by AEI on May 2, 2011. According to historical sources reviewed during the Phase I ESA, the current subject property building was constructed in 1969 by Mr. Edgar Buttner for use as a bank/office building. The subject property was historically occupied by a gasoline service station from approximately 1940 until 1966 (over 25 years). According to records on-file at the Oakland Building Department (OBD), the former gasoline service station was demolished and cleared in 1966; however, no records were on-file with the OBD (as well as the Alameda County Environmental Health Services Department (ACEHSD) or Oakland Fire Department (OFD)) regarding the removal of presumed formerly utilized fuel underground storage tanks (USTs) from the site. In addition, no documentation was available to indicate whether soil samples were collected and analyzed for the presence of petroleum hydrocarbon contamination following the demolition of the

gasoline service station (and potential removal of fuel USTs). Based on the absence of data to confirm whether formerly utilized fuel USTs were removed from the site, or that contamination was present at the time of potential tank removal, the possibility exists that fuel USTs, as well as associated petroleum hydrocarbon contamination may remain in place at the subject property. This former presence of a gasoline service station (and presumed associated fuel USTs) at the subject property site represented a recognized environmental condition (REC).

A Phase II Investigation was requested by the client to determine whether presumed formerly utilized fuel USTs and/or associated petroleum hydrocarbon contamination exists beneath the subject property site due to the historical occupation of the site by a gasoline service station.

II Geology and Hydrogeology

According to the United States Geological Survey (USGS) San Francisco Bay Quadrangle Geologic Map, the area surrounding the subject property is underlain by Holocene era alluvium which is commonly characterized by light-grey to grayish-brown or yellowish-brown gravel, sand, silt, and clay. Texture varies from cobble gravel to clay, mixed or interbedded laterally and vertically in places.

Based on a review of the USGS Oakland West, CA Quadrangle Topographic Map, the subject property is situated approximately 27 feet above mean sea level, and the local topography slopes to north-northeast. The nearest surface water is Lake Merritt, located approximately 0.18 mile East of the property. Based upon local topography and a Groundwater Monitoring Report by Pangea Environmental Services, the direction of groundwater flow beneath the subject property is inferred to be toward the north-northeast.

III Investigative Efforts

AEI performed a site inspection, marked the site, and notified Underground Service Alert North to identify public utilities in the work area more than two working days prior to commencement of drilling. All field activities were carried out under the direct supervision of a California Professional Geologist. Drilling permit #W2011-0390 was obtained from the Alameda County Department of Public Works. Encroachment permits #X1100662 & X1100663 and an obstruction permit were obtained from the City of Oakland.

Drilling and Soil Sample Collection

On July 20, 2011, AEI advanced a total of three (3) soil borings samples taken from three (3) locations (SB-1 through SB-3) at the property. The original scope of work included a total of five (5) planned borings, however due to access limitations including permit restrictions, underground utility locations, and restrictions on drilling on the adjacent property to the southeast, only three borings could be completed. Borings were advanced for the collection of soil samples and three groundwater samples. Boring locations are shown on Figure 3: Site Plan. Soil borings were advanced with a truck-mounted GeoProbe 5410 direct push drilling rig. Drilling was performed by RSI Drilling, a California C57 licensed drilling contractor (License # 802334).

The borings were advanced to total depths ranging from 16 to 20 feet bgs. The soil borings were continuously cored using a GeoProbe MacroCore® sampler which retained the soil cores in

1¾" diameter acrylic liners. The soil cores were examined and logged by the onsite AEI geologist. Soils were screened in the field with a portable photo-ionization detector (PID). In each of the borings, soil samples were collected at approximately 2 to 4 foot intervals where a six-inch sample was cut from the liners. The selected samples were sealed with Teflon tape and plastic caps, labeled with a unique identifier, placed in a cooler filled with ice, and transported to an offsite laboratory. Soil descriptions, field observations and screening data is presented on the borings logs in Appendix A.

Boring Destruction

Upon completion of sampling and measurement activities, all sampling equipment was removed from the boreholes. Each boring was backfilled with neat cement grout to the existing grade.

Laboratory Analyses

Soil and groundwater samples were transported to McCampbell Analytical (Department of Health Services Certification #01644) under chain of custody protocol for analyses following current EPA analytical methodologies. Selected soil samples and all groundwater samples were analyzed for total petroleum hydrocarbons as gasoline, diesel and motor oil with silica gel clean-up (TPH-g/d/mo, respectively), methyl tertiary-butyl ether (MTBE), benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA method 8015B & 8021B.

Analytical results and chain of custody documents are included as Appendix B.

IV Findings

Soils encountered during this investigation consisted of fine to medium grained poorly graded sand, clayey sands, sandy silt and clay. Groundwater was encountered in all three borings at depths ranging from 15.93 below ground surface (bgs) in SB-1 to 21.36 bgs in SB-3.

Soil Sample Analytical Data

TPH-g was not reported above the laboratory reporting limits in all soil samples analyzed, except for SB-3-16 and SB-3-20, where concentrations were reported at 8.3 mg/kg and 42 mg/kg, respectively.

TPH-d was reported in SB-2-16, SB-3-16, SB-3-20 at concentrations of 7.7 mg/kg, 6.5 mg/kg, and 8.7 mg/kg, respectively. TPH-d was not reported at a reporting limit of 5.0 mg/kg in borings SB-1-16 and SB-2-18.

TPH-mo was reported above the laboratory reporting limit in SB-2-16 at a concentration of 25 mg/kg. TPH-d was reported as non detectable at a reporting limit of 5.0 mg/kg in soil borings SB-1 through SB-3.

In sample SB-3-16, toluene concentrations were reported at 0.041 mg/kg, and xylenes reported at 0.042 mg/kg. For SB-3-20, ethylbenzene was reported at 0.057 mg/kg and xylenes were reported at 0.12 mg/kg. MTBE and benzene were not reported above the laboratory reporting limits in any of the soil samples analyzed.

Groundwater Sample Analytical Data

TPH-g and TPH-d levels were below reporting limits for both SB-1 and SB-2, while SB-3 was reported at 59,000 µg/L and 200,000 µg/L for TPH-g and TPH-d, respectively.

TPH-mo levels were below the laboratory reporting limits for all three groundwater samples analyzed.

Benzene was reported in SB-3-W at a concentration of 89 µg/L. Toluene was reported in SB-1-W and SB-3-W at concentrations of 0.50 µg/L and 82 µg/L, respectively. Ethylbenzene was reported in SB-3-W at a concentration of 430 µg/L. Xylenes were reported in SB-1-W, SB-2-W and SB-3-W at concentrations of 0.97 µg/L, 1.0 µg/L and 1,600 µg/L, respectively.

Soil and groundwater sample analytical data is presented in Tables 1 and 2, respectively.

V Summary and Conclusions

This investigation was performed to determine whether the former development of the site as a gasoline station resulted in any impact to the subject property. The investigation included the analyses of five (5) soil and three (3) groundwater samples from three (3) total sampling locations surrounding the subject property. TPH-g/d/mo, toluene, ethylbenzene and xylenes were reported above the laboratory reporting limits in the samples analyzed, however, the concentrations are relatively low with the exception of the groundwater sample SB-3-W with reported concentrations of TPH-g and TPH-d at 59,000 µg/L and 200,000 µg/L, respectively.

The elevated concentrations of petroleum hydrocarbons in groundwater identified down-gradient (northeast) of the subject property along with the historical development of the property as a gasoline station indicate that a release occurred from the former station. The concentrations detected in groundwater were well above Environmental Screening Levels (ESL) for petroleum hydrocarbons in groundwater. Although the ESLs are not statutory cleanup goals, they are risk-based values prepared by the San Francisco Bay Regional Water Quality Control Board (RWQCB) to assist in the evaluation as to whether a particular chemical presents a risk to human health or the environment.

The magnitude and extent of impact beneath the subject property building and surrounding area is not known at this time. Further investigation would be required to understand the nature and extent of the release and to determine whether remedial action would be required. Based on the findings of the investigation, regulatory oversight for the release should be obtained. AEI recommends submitting this report to the Alameda County Environmental Health (ACEH) which may require further investigation to characterize the release.

VI Report Limitation

This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of site conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples were chosen to provide the requested information, but it cannot be assumed that they are representative of areas not sampled. In addition, AEI has relied on information provided by others, which is assumed to be correct, however, AEI cannot assume any responsibility for its correctness or accuracy. All conclusions and/or recommendations are based on these analyses, observations, provided information, and the governing regulations at the time of the assessment. Conclusions beyond those stated and reported herein should not be inferred from this document.

These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work.

If you have any questions regarding our investigation, please do not hesitate to contact either of the undersigned at (925) 746-6000.

Sincerely,
AEI Consultants

Harmony TomSun
Project Geologist

Peter McIntyre, PG
Senior Project Geologist

REGISTERED GEOLOGIST
PETER J. MCINTYRE
Exp. 5/31/12
No. 7702
STATE OF CALIFORNIA

Figures

Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Site Plan

Tables

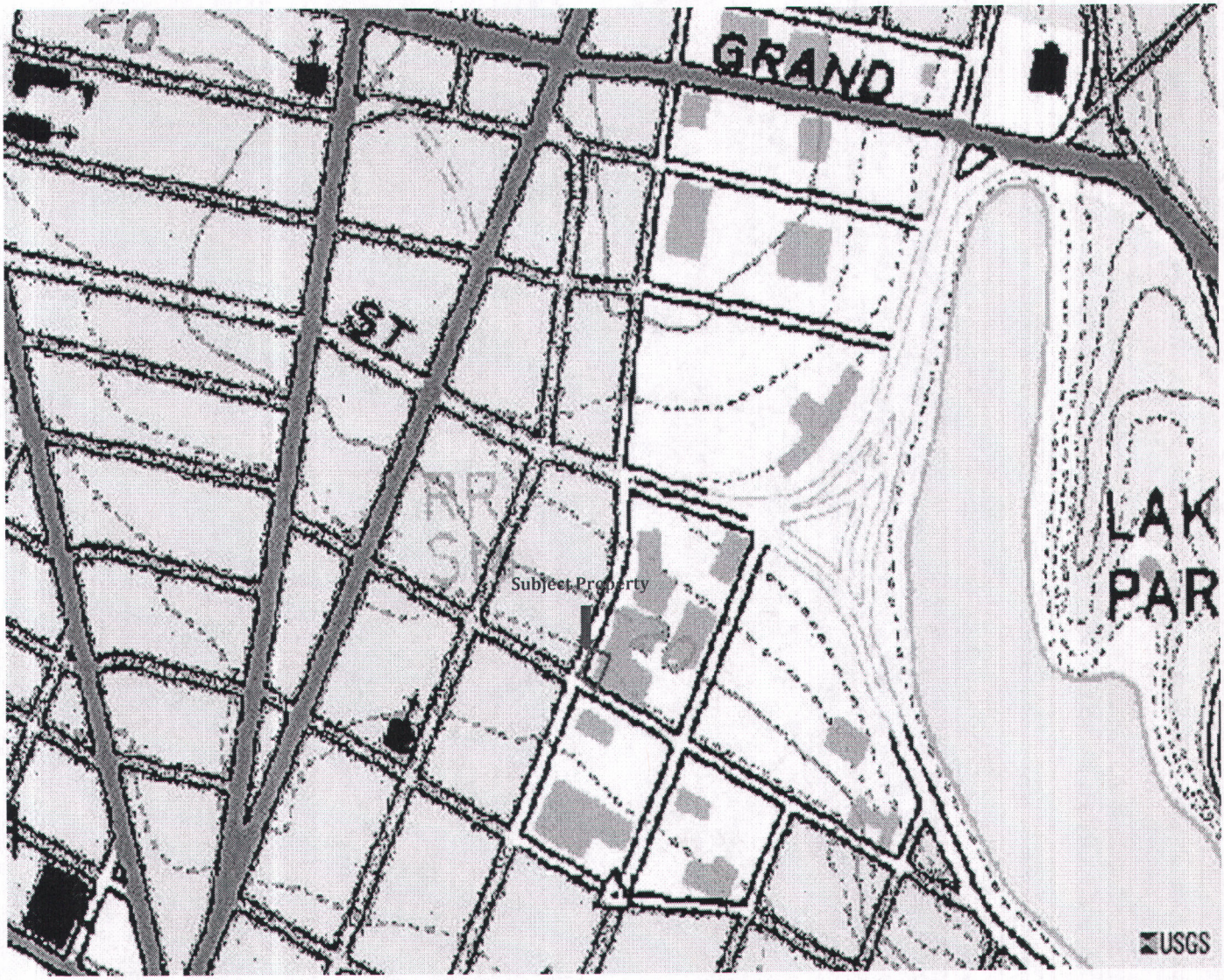
Table 1: Soil Sample Analytical Data
Table 2: Groundwater Sample Analytical Data

Appendix A

Soil Boring Logs

Appendix B

Sample Analytical Documentation with Chain of Custody



SITE LOCATION MAP

1900 Webster Street, Oakland, California 94621

N

Source: USGS (1978)

FIGURE 1

Project Number: 297305

AEI Consultants

SITE MAP

1900 Webster Street, Oakland, California 94621

N

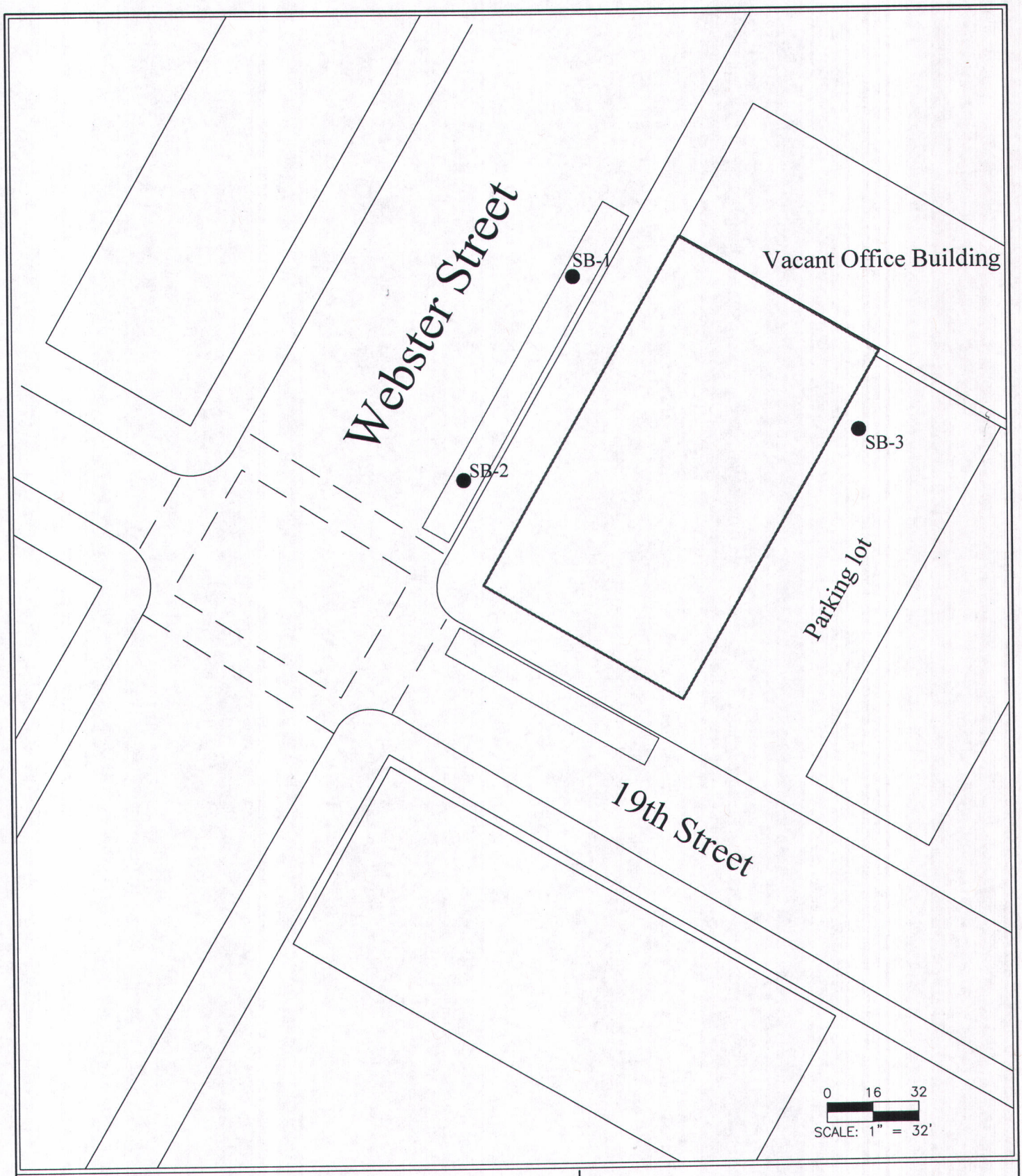
Legend

Approximate Property Boundary

FIGURE 2

Project Number: 297305

AEI Consultants



LEGEND

- Subject Property
- Reserved Parking Lane Area
- Soil Boring

N
W E
S

AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 200, WALNUT CREEK

Site Plan

1900 Webster Street
Oakland, CA

FIGURE 3
PROJECT NO.297305

Table 1: Soil Analytical Data
1900 Webster Street, Oakland, CA - AEI Project # 297305

Sample ID	Date	Depth (feet bgs)	TPH-g mg/kg	TPH-d mg/kg	TPH-mo mg/kg	MTBE mg/kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg
SB-1-16	7/20/2011	16	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SB-2-16	7/20/2011	16	<1.0	**7.7**	**25**	<0.05	<0.005	<0.005	<0.005	<0.005
SB-2-18	7/21/2011	18	<1.0	<1.0	<5.0	<0.05	<0.005	<0.005	<0.005	<0.005
SB-3-16	7/20/2011	16	**8.3**	**6.5**	<5.0	<0.05	<0.005	**0.041**	<0.005	**0.04**
SB-3-20	7/20/2011	20	**42**	**8.7**	<5.0	<0.50	<0.050	<0.050	**0.06**	**0.12**
RL			1.0	1.0	5.0	0.05	0.005	0.005	0.005	0.005
ESL			83	83	2,500	0.023	0.04	2.9	3.3	2.3

NOTES:

mg/kg = milligrams per kilogram

TPH-g = total petroleum hydrocarbons as gasoline

TPH-d = total petroleum hydrocarbons as diesel

TPH-mo = total petroleum hydrocarbons as motor oil

Benzene, toluene, ethylbenzene, xylenes using by Method 8021B

MTBE = methyl tert-butyl ether using EPA Method 8021B

bgs = below ground surface

RL = detection limit for dilution factor of 1

ESL = Shallow Soil Environmental Screening Levels for Drinking Water San Francisco Bay Regional Water Quality Control Board

TPH-d/mo by EPA Method 8015B

TPH-g, BTEX & MTBE by EPA Method 8021B

Table 2: Groundwater Analytical Data
1900 Webster Street, Oakland, CA - AEI Project # 297305

Sample ID	Date	TPH-g µg/L	TPH-d µg/L	TPH-mo µg/L	MTBE µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes µg/L
SB-1-W	7/20/2011	<50	<50	<250	<5.0	<0.5	**0.50**	<0.5	**0.97**
SB-2-W	7/20/2011	<50	<50	<250	<5.0	<0.5	<0.5	<0.5	**1.0**
SB-3-W	7/20/2011	**59,000**	**200,000**	**<10,000**	<250	**89**	**82**	**430**	**1,600**
RL		50	50	250	5.0	1.0	40	30	20
ESL		100	100	100	1,800	46	130	43	100

NOTES:

µg/L = micrograms per liter or parts per billion (ppb)

TPH-g = total petroleum hydrocarbons as gasoline

TPH-d = total petroleum hydrocarbons as diesel

TPH-mo = total petroleum hydrocarbons as motor oil

MTBE = methyl tertiary-butyl ether

RL=Laboratory reporting limit (with no dilution)

ESL =Groundwater Environmental Screening Levels for Drinking Water, San Francisco Bay Regional Water Quality Control Board

TPH-d/mo by EPA Method 8015B

TPH-g, BTEX & MTBE by EPA Method 8021B

APPENDIX A

SOIL BORING LOGS

Project: Pacific Health Clinic
Project Location: 1900 Webster Street, Oakland, CA 94612
Project Number: 297305

Key to Log of Boring

Sheet 1 of 1

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
1	2	3	4	5	6	7	8	9	10

COLUMN DESCRIPTIONS

1. Elevation (feet): Elevation (MSL, feet).
2. Depth (feet): Depth in feet below the ground surface.
3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sample Number: Sample identification number.
5. PID Reading, ppm: The reading from a photo-ionization detector, in parts per million.
6. USCS Symbol: USCS symbol of the subsurface material.
7. Graphic Log: Graphic depiction of the subsurface material encountered.
8. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
9. Well Log: Graphical representation of well installed upon completion of drilling and sampling.
10. REMARKS AND OTHER TESTS: Comments and observations regarding drilling or sampling made by driller or field personnel.

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity
COMP: Compaction test
CONS: One-dimensional consolidation test
LL: Liquid Limit, percent
PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

TYPICAL MATERIAL GRAPHIC SYMBOLS

- Bentonite
- Bentonite chips
- Bentonite powder
- Fat CLAY, CLAY w/SAND, SANDY CLAY (CH)
- Fat CLAY/SILT (CH-MH)
- Lean CLAY, CLAY w/SAND, SANDY CLAY (CL)
- Claystone
- Lean-Fat CLAY, CLAY w/SAND, SANDY CLAY
- Cuttings
- Lean CLAY/PEAT (CL-OL)
- AF
- Clayey GRAVEL (GC)
- SILTY CLAY (CL-ML)
- Boulders
- Clayey GRAVEL to Gravelly CLAY (GC-CH)
- Clayey GRAVEL to Gravelly CLAY (GC-CL)
- Silty GRAVEL (GM)
- Silty GRAVEL to Clayey GRAVEL (GM-GC)
- Silty GRAVEL to Gravelly SILT (GM-MH)
- Silty GRAVEL to Gravelly SILT (GM-ML)
- Poorly graded GRAVEL with Silt (GP-GM)
- Granite
- Gravel
- Grout
- Well graded GRAVEL (GW)
- Well graded GRAVEL with Silt (GW-GM)
- Poorly to Well graded GRAVEL (GW-GP)
- Poorly graded GRAVEL (GP)
- Artificial Fill
- SILT, SILT w/SAND, SANDY SILT (MH)
- SILT, SILT with SAND, SANDY SILT (ML-MH)
- High plasticity PEAT (OH)
- Low plasticity PEAT (OL)
- Low to High plasticity PEAT (OL-OH)
- Sandstone
- Clayey SAND (SC)
- Clayey SAND to Sandy CLAY (SC-CH)
- Clayey SAND to Sandy CLAY (SC-CL)
- Shale
- Silt
- Siltstone
- Silty SAND (SM)
- Silty SAND to Sandy SILT (SM-MH)
- Silty SAND to Sandy SILT (SM-ML)
- Silty to Clayey SAND (SM-SC)
- Poorly graded SAND (SP)
- Poorly graded SAND with Clay (SP-SC)
- Well graded SAND (SW)
- Well graded SAND with Clay (SW-SC)
- Well graded SAND with Silt (SW-SM)
- SILT, SILT w/SAND, SANDY SILT (ML)
- Bentonite plug
- Asphaltic Concrete (AC)
- Poorly graded SAND with Silt (SP-SM)
- Black Rock - fine grained, exhibiting a bedding
- Gray rock, large grain size

TYPICAL SAMPLER GRAPHIC SYMBOLS

- Shelby Tube (Thin-walled, fixed head)
- Shelby Tube (Thin-walled, fixed head)
- Bulk Sample
- 3-inch-OD California w/ brass rings
- Other sampler now modified
- Auger sampler
- CME Sampler
- 2-inch-OD unlined split spoon (SPT)
- 2.5-inch-OD Modified California w/ brass liners
- Grab Sample
- Pitcher Sample

OTHER GRAPHIC SYMBOLS

- Water level (at time of drilling, ATD)
- Water level (after waiting a given time)
- Minor change in material properties within a stratum
- Inferred or gradational contact between strata
- ?Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\DUE DIL\297305 Pacific Health (Oakland) - HTBoring Logs.bgs [4-Well Log.tpl]

Project: Pacific Health Clinic
Project Location: 1900 Webster Street, Oakland, CA 94612
Project Number: 297305

Log of Boring SB-1

Sheet 1 of 1

Date(s) Drilled July 20, 2011	**Logged By** Harmony TomSun	**Checked By** Peter McIntyre
Drilling Method Direct Push	**Drill Bit Size/Type**	**Total Depth of Borehole** 20 feet bgs
Drill Rig Type GeoProbe	**Drilling Contractor** RSI Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 15.93 feet ATD	**Sampling Method(s)** Tube	**Hammer Data**
Borehole Backfill Neat Cement	**Location**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	0				SM		Silty sand, dark brown 3/3 7.5YR, fine to medium grained sand, moderately loose, <10% fine grained gravel		
	5				SM		Sand, light yellowish brown 6/4 10YR, fine grained sand, <10% very fine grained gravel, moderately loose		
			SB-1-7	2.7	SM		fine to medium grained sand		
	10				SC		Clayey sand, light brownish gray 6/2 10YR, fine grained sand, cohesive, moist		
			SB-1-12	5.3			poorly graded medium grained sand		
	15				ML		Clayey silt, dark greenish gray 4/1 5G, cohesive, slight plasticity, moist to wet		
			SB-1-16	122.1					
	20		SB-1-20	36.3			Bottom of Boring at 20 feet bgs		
	25								
	30								

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Project: Pacific Health Clinic
Project Location: 1900 Webster Street, Oakland, CA 94612
Project Number: 297305

Log of Boring SB-2

Sheet 1 of 1

Date(s) Drilled July 20, 2011	**Logged By** Harmony TomSun	**Checked By** Peter McIntyre
Drilling Method Direct Push	**Drill Bit Size/Type**	**Total Depth of Borehole** 20 feet bgs
Drill Rig Type GeoProbe	**Drilling Contractor** RSI Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 17.14 feet ATD	**Sampling Method(s)** Tube	**Hammer Data**
Borehole Backfill Neat Cement	**Location**	

Depth (feet)	Sample Type	Sample Number	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
0				SM		Silty sand, dark reddish brown 3/3 5YR, fine to medium grained sand, moderately loose, <10% fine grained gravel		
5				SM		Sand, yellowish brown 5/8 10YR, fine grained sand, <10% very fine grained gravel, poorly graded sand and gravel, moderately loose		
		SB-2-8	<1	SM		Sand, yellowish brown 5/4 10YR, medium grained, <20% clay, friable		
10		SB-2-11	<1	SM		Sand, reddish yellow 7/8 5YR, very fine to fine grained sand, <20% silt, poorly graded, hard, friable		
				SM		poorly graded medium grained sand		
15		SB-2-16	83.4	ML		Clayey silt, light yellowish brown 6/4 10YR mottled dark greenish gray 4/1 5G, cohesive, slight plasticity, moist to wet		
		SB-2-18	245.3					
20		SB-2-20	7.2			Bottom of Boring at 20 feet bgs		
25								
30								

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Project: Pacific Health Clinic
Project Location: 1900 Webster Street, Oakland, CA 94612
Project Number: 297305

Log of Boring SB-3

Sheet 1 of 1

Date(s) Drilled July 20, 2011	**Logged By** Harmony TomSun	**Checked By** Peter McIntyre
Drilling Method Direct Push	**Drill Bit Size/Type**	**Total Depth of Borehole** 24 feet bgs
Drill Rig Type GeoProbe	**Drilling Contractor** RSI Drilling	**Approximate Surface Elevation**
Groundwater Level and Date Measured 21.36 feet ATD	**Sampling Method(s)** Tube	**Hammer Data**
Borehole Backfill Neat Cement	**Location**	

Elevation (feet)	Depth (feet)	Sample Type	Sample Number	PID Reading, ppm	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	REMARKS AND OTHER TESTS
	0				SM		Silty sand, dark brown 3/3 7.5YR mottled yellowish red 5/8 5YR, fine to medium grained sand, <10% fine grained gravel, tight, no plasticity		
			SB-3-4	<1					
	5				SM		Sand, yellowish red 4/6 5YR, fine to medium grained sand, <10% very fine grained gravel, poorly graded sand and gravel, friable		
			SB-3-8	<1	SM		Silty sand, light brown 6/3 7.5YR, medium grained, friable		
	10								
			SB-3-12	9.4	SC		Clayey sand, light yellowish brown 6/4 10YR, very fine to fine grained sand, <10% silt, moderate plasticity		
	15				ML		Clayey silt, grayish green 5/2 5G, <10% fine grained sand, tight, slight platsicity, moist		
			SB-3-16	57.8	ML		Clayey silt, light yellowish brown 6/4 10YR mottled dark greenish gray 4/1 5G, cohesive, slight plasticity, moist to wet		
	20		SB-3-20	63.1					
			SB-3-24	3.2					
	25						Bottom of Boring at 24 feet bgs		
	30								

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APPENDIX B

SAMPLE ANALYTICAL DOCUMENTATION WITH CHAIN OF CUSTODY

McCampbell Analytical, Inc.
"When Quality Counts"

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

Analytical Report

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Reported: 07/28/11
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 07/26/11

WorkOrder: 1107605

July 28, 2011

Dear Harmony:

Enclosed within are:

1) The results of the **6** analyzed samples from your project: **#297305; Pacific Health,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.
1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

1107605

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Harmony Tom Sun Bill To: Same AEI

Company: AEI Consultants

2500 Camino Diablo

Walnut Creek, CA

Tele: (925) 746-6000 E-Mail: htomsun@aeiconsultants.com

Fax: (925) 746-6099

Project #: 297305 Project Name: Pacific Health

Project Location: 1900 Webster Street, Oakland, CA

Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO3	Other	Analysis Request	Other	Comments
SB-1-7	SB-1	7/20	11:25	1	Grab	X					X					Hold	Filter Samples for Metals analysis: Yes / No
SB-1-12			11:30														
SB-1-16			11:58													TPH-Mult Ranges w/ Silica Gel Cleanup	
SB-1-20			11:54														
SB-2-8	SB-2		9:22														
SB-2-11			9:27														
SB-2-16			9:35														
SB-2-18			9:53														
SB-2-20			9:46														
SB-3-4	SB-3		7:32														
SB-3-8			7:44														
SB-3-12			7:49														
SB-3-16			7:53														
SB-3-20			8:02														

Relinquished By:	Date:	Time:	Received By:
	7/21	10:22	ENVIRO-TECH S.V.
	7/21	16:30	
	7/21/11	1653	

ICE/T 5.2

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS

PRESERVED IN LAB

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

COMMENTS:

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
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Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Harmony Tomson Bill To: Same AEI

Company: AEI Consultants

2500 Camino Diablo

Walnut Creek, CA

E-Mail: htomson@aeiconsultants.com

Tele: (925) 746-6000 Fax: (925) 746-6099

Project #: 297305 Project Name: Pacific Health

Project Location: 1909 Webster Street, Oakland, CA

Sampler Signature: [signature]

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) MTBE	Analysis Request: TPH as Diesel (8015)	Analysis Request: Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Analysis Request: Total Petroleum Hydrocarbons (418.1)	Analysis Request: EPA 8260 (HVOCs)	Analysis Request: MTBE / BTEX ONLY (EPA 602 / 8021)	Analysis Request: EPA 608 / 8081 (Cl Pesticides)	Analysis Request: EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	Analysis Request: EPA 507 / 8141 (NP Pesticides)	Analysis Request: EPA 515.3 / 8151 (Acidic Cl Herbicides)	Analysis Request: EPA 524.2 / 624 / 8260 (VOCs)	Analysis Request: EPA 525.2 / 625 / 8270 (SVOCs)	Analysis Request: EPA 8270 SIM / 8310 (PAHs / PNAs)	Analysis Request: CAM 17 Metals (200.8 / 6020)	Analysis Request: LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Analysis Request: Lead (200.7 / 200.8 / 6010 / 6020)	Other: TPH Multi Range w/ SGC	Other: Hold	Comments: Filter Samples for Metals analysis: Yes / No
SB-3-24	SB-3	7/20	8:06	1	Liner		X				X																					X	
SB-1-W	SB-1	7/20	12:50	4	VOA Amb	X					X																				XXX		
SB-2-W	SB-2		10:45			X					X																				X		
SB-3-W	SB-3		8:53			X					X																						

+1 +20 +15

Relinquished By:	Date:	Time:	Received By:
[signature]	7/21	10:22	ENVIRO-TECH
Envirotech	7/21	16:30	[signature]
[signature]	7/21	1650	[signature]

ICE/T 5.1

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS

PRESERVED IN LAB

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107605 **ClientCode: AEL**

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

Report to:
Harmony TomSun
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 944-2899 FAX: (925) 944-2895

Email: htomsun@aeiconsultants.com
cc:
PO:
ProjectNo: #297305; Pacific Health

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days

Date Received: 07/21/2011
Date Printed: 07/21/2011

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1107605-003	SB-1-16	Soil	7/20/2011 11:38	☐		A										
1107605-008	SB-2-18	Soil	7/20/2011 9:53	☐		A										
1107605-014	SB-3-20	Soil	7/20/2011 8:02	☐		A										
1107605-016	SB-1-W	Water	7/20/2011 12:50	☐	A											
1107605-017	SB-2-W	Water	7/20/2011 10:45	☐	A											
1107605-018	SB-3-W	Water	7/20/2011 8:53	☐	A											

Test Legend:

1	G-MBTEX_W	2	TPH(DMO)WSG_S	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 003A, 008A, 014A, 016A, 017A, 018A contain testgroup.

Prepared by: Zoraida Cortez

Comments:

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

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Sample Receipt Checklist

Client Name: **AEI Consultants**
Date and Time Received: **7/21/2011 8:11:31 PM**

Project Name: **#297305; Pacific Health**
Checklist completed and reviewed by: Zoraida Cortez

WorkOrder N°: **1107605** Matrix: Soil/Water
Carrier: Derik Cartan (MAI Courier)

Chain of Custody (COC) Information

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

Sample Receipt Information

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

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.2°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

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

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Extracted 07/21/11-07/25/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed 07/23/11-07/25/11

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline *

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1107605

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
003A	SB-1-16	S	ND	1	86	
008A	SB-2-18	S	ND	1	86	
014A	SB-3-20	S	42	10	80	d7,d9
016A	SB-1-W	W	ND	1	97	b1
017A	SB-2-W	W	ND	1	101	b1
018A	SB-3-W	W	59,000	50	107	d1,b6,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
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Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Extracted: 07/21/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/23/11-07/27/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3510C/3630C/SW3550B/363 Analytical methods: SW8015B Work Order: 1107605

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1107605-003A	SB-1-16	S	ND	ND	1	119	
1107605-008A	SB-2-18	S	ND	ND	1	95	
1107605-014A	SB-3-20	S	8.7	ND	1	96	e4,e2
1107605-016A	SB-1-W	W	ND	ND	1	73	b1
1107605-017A	SB-2-W	W	ND	ND	1	100	b1
1107605-018A	SB-3-W	W	200,000	ND<10,000	40	84	e4,b6,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	mg/Kg

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
e2) diesel range compounds are significant; no recognizable pattern
e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 59924 | WorkOrder: 1107605

EPA Method: SW8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1107600-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	92.5	91.2	1.36	91.3	93.4	2.27	70 - 130	20	70 - 130	20
MTBE	ND	0.10	106	107	1.42	103	101	1.69	70 - 130	20	70 - 130	20
Benzene	ND	0.10	112	116	3.51	113	114	0.497	70 - 130	20	70 - 130	20
Toluene	ND	0.10	99.1	102	3.29	99.4	101	1.32	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	103	105	1.85	99.9	103	3.00	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	116	119	2.61	113	116	2.63	70 - 130	20	70 - 130	20
%SS:	80	0.10	100	103	2.50	102	101	0.961	70 - 130	20	70 - 130	20

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

BATCH 59924 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-003A	07/20/11 11:38 AM	07/21/11	07/23/11 11:56 AM	1107605-008A	07/20/11 9:53 AM	07/21/11	07/23/11 12:27 PM
1107605-014A	07/20/11 8:02 AM	07/21/11	07/25/11 7:05 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

DHS ELAP Certification 1644

_____ QA/QC Officer

McCampbell Analytical, Inc.
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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 59926 WorkOrder: 1107605

EPA Method: SW8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1107605-017A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	60	97.8	102	4.41	90.6	90.3	0.422	70 - 130	20	70 - 130	20
MTBE	ND	10	120	118	1.71	110	116	5.71	70 - 130	20	70 - 130	20
Benzene	ND	10	110	110	0	104	110	6.13	70 - 130	20	70 - 130	20
Toluene	ND	10	89.4	93.4	4.24	90.6	95.5	5.33	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	96	96.8	0.894	92.5	94.4	2.03	70 - 130	20	70 - 130	20
Xylenes	1.0	30	105	107	1.53	105	107	1.08	70 - 130	20	70 - 130	20
%SS:	101	10	101	105	3.96	99	102	2.58	70 - 130	20	70 - 130	20

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

BATCH 59926 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-016A	07/20/11 12:50 PM	07/23/11	07/23/11 12:39 AM	1107605-017A	07/20/11 10:45 AM	07/23/11	07/23/11 12:08 AM
1107605-018A	07/20/11 8:53 AM	07/25/11	07/25/11 8:43 PM				

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content, or inconsistency in sample containers.

DHS ELAP Certification 1644

QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 59753 WorkOrder: 1107605

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1107384-012A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	4.8	40	102	103	0.827	130	115	12.2	70 - 130	30	70 - 130	30
%SS:	92	25	109	110	0.380	105	98	7.31	70 - 130	30	70 - 130	30

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

BATCH 59753 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-003A	07/20/11 11:38 AM	07/21/11	07/25/11 9:21 PM	1107605-008A	07/20/11 9:53 AM	07/21/11	07/26/11 9:49 PM
1107605-014A	07/20/11 8:02 AM	07/21/11	07/26/11 11:06 PM				

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

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

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

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

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

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water QC Matrix: Water BatchID: 59863 WorkOrder: 1107605

EPA Method: SW8015B **Extraction: SW3510C/3630C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	118	113	4.61	N/A	N/A	70 - 130	30
%SS:	N/A	625	N/A	N/A	N/A	101	100	1.16	N/A	N/A	70 - 130	30

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

BATCH 59863 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-016A	07/20/11 12:50 PM	07/21/11	07/27/11 7:28 AM	1107605-017A	07/20/11 10:45 AM	07/21/11	07/26/11 7:44 AM
1107605-018A	07/20/11 8:53 AM	07/21/11	07/23/11 4:17 PM				

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

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

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

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

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

DHS ELAP Certification 1644

QA/QC Officer

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Telephone: 877-252-9262 Fax: 925-252-9269

Analytical Report

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Reported: 08/03/11
Walnut Creek, CA 94597	Client P.O.:	Date Completed: 08/03/11

WorkOrder: 1107605 A

August 03, 2011

Dear Harmony:

Enclosed within are:

1) The results of the **8** analyzed samples from your project: **#297305; Pacific Health,**
2) A QC report for the above samples,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

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

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

1107605

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: Harmony Tom Sun Bill To: Same AEI

Company: AEI Consultants
2500 Camino Diablo
Walnut Creek, CA

E-Mail: htomsun@aeiconsultants.com

Tele: (925) 746-6000 Fax: (925) 746-6099

Project #: 297305 Project Name: Pacific Health

Project Location: 1900 Webster Street, Oakland, CA

Sampler Signature: Harmony Tom Sun

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO3	METHOD PRESERVED Other
SB-1-7	SB-1	7/20	11:25	1	Liner		X				X			
SB-1-12			11:30											
SB-1-16			11:58											
SB-1-20			11:54											
SB-2-8	SB-2		9:22											
SB-2-11			9:27											
SB-2-16			9:35											
SB-2-18			9:53											
SB-2-20			9:46											
SB-3-4	SB-3		7:32											
SB-3-8			7:41											
SB-3-12			7:49											
SB-3-16			7:53											
SB-3-20			8:02											

Analysis Request

BTEX & TPH as Gas (602 / 8021 / 8015 MTBE)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOCs)	MTBE BTEX ONLY (EPA 602 / 8021)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: TPH-Mo/h Range w/ Silica Gel Cleanup	Other: Hold	Comments
																	X	Filter Samples for Metals analysis: Yes / No
					X											X		
																	X	
																	X	
																	X	
X	X																X	On Ice Hold 7/24/11 per client
					X											X		
																	X	
																	X	
																	X	
																	X	
X	X																X	On Ice Hold 7/24/11 per client
					X											X		

5.2

Relinquished By:	Date:	Time:	Received By:
	7/21	10:22	ENVIRO-TECH S.V.
Relinquished By:	Date:	Time:	Received By:
	7/21	16:30	
Relinquished By:	Date:	Time:	Received By:
	7/22/11	1250	

ICE/T
GOOD CONDITION
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS
PRESERVED IN LAB

VOAS O&G METALS OTHER
PRESERVATION pH<2

COMMENTS:

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ❑ RUSH ❑ 24 HR ❑ 48 HR ❑ 72 HR ☆ 5 DAY

GeoTracker EDF ❑ PDF ❑ Excel ❑ Write On (DW) ❑

❑ Check if sample is effluent and "J" flag is required

Report To: Harmony Tom Son Bill To: Same AEI

Company: AEI Consultants

2500 Camino Diablo

Walnut Creek, CA

E-Mail: htomson@aeiconsultants.c

Tele: (925) 746-6000 Fax: (925) 746-6099

Project #: 297305 Project Name: Pacific Health

Project Location: 1909 Webster Street, Oakland, CA

Sampler Signature: [signature]

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: BTEX & TPH as Gas (602 / 8021 + 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOCs)	MTBE BTEX ONLY (EPA 602 / 8021) (EPA 8260)	EPA 505 / 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 4 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other: TPH Methyl Orange w/ SGC	Other: [illegible]	Other: Pb	Comments
SB-3-24	SB-3	7/20	8:06	1	Liner		X				X																					X		
SB-1-W	SB-1	7/20	12:50	4	VOA AMBER	X					X									X											X			
SB-2-W	SB-2		10:45			X					X									X											X			
SB-3-W	SB-3		8:53			X					X									X											X			

Relinquished By:	Date:	Time:	Received By:
[signature]	7/21	10:22	ENVIRO-TECH
Envirotech	7/21	16:30	[signature]
[signature]	7/21	1650	[signature]

ICE/T 5.2

GOOD CONDITION

HEAD SPACE ABSENT

DECHLORINATED IN LAB

APPROPRIATE CONTAINERS

PRESERVED IN LAB

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

COMMENTS:

Filter Samples for Metals analysis: Yes / No

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1107605 A **ClientCode: AEL**

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

Report to:
Harmony TomSun
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
(925) 746-6000 FAX: (925) 746-6099

Email: htomsun@aeiconsultants.com
cc:
PO:
ProjectNo: #297305; Pacific Health

Bill to:
Sara Guerin
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
sguerin@aeiconsultants.com

Requested TAT: 5 days
Date Received: 07/21/2011
Date Add-On: 07/28/2011
Date Printed: 07/28/2011

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1107605-007	SB-2-16	Soil	7/20/2011 9:35	☐	A	A										
1107605-013	SB-3-16	Soil	7/20/2011 7:53	☐	A	A										

Test Legend:

1	G-MBTEX_S	2	TPH(DMO)WSG_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Zoraida Cortez

Comments: samples #7&13 off hold per H.T 7/28/11 std tat.

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

McCampbell Analytical, Inc.
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AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Extracted: 07/28/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/30/11

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1107605

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
007A	SB-2-16	S	ND	ND	ND	ND	ND	ND	1	91	
013A	SB-3-16	S	8.3	ND	ND	0.041	ND	0.042	1	89	d7,d9

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Extracted: 07/21/11-07/25/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/23/11-07/25/11

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

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 1107605

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
003A	SB-1-16	S	ND	ND	ND	ND	ND	ND	1	86	
008A	SB-2-18	S	ND	ND	ND	ND	ND	ND	1	86	
014A	SB-3-20	S	42	ND<0.50	ND<0.050	ND<0.050	0.057	0.12	10	80	d7,d9
016A	SB-1-W	W	ND	ND	ND	0.50	ND	0.97	1	97	b1
017A	SB-2-W	W	ND	ND	ND	ND	ND	1.0	1	101	b1
018A	SB-3-W	W	59,000	ND<250	89	82	430	1600	50	107	d1,b6,b1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	µg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
b1) aqueous sample that contains greater than ~1 vol. % sediment
b6) lighter than water immiscible sheen/product is present
d1) weakly modified or unmodified gasoline is significant
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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"When Quality Counts"

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Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants	Client Project ID: #297305; Pacific Health	Date Sampled: 07/20/11
		Date Received: 07/21/11
2500 Camino Diablo, Ste. #200	Client Contact: Harmony TomSun	Date Extracted: 07/28/11
Walnut Creek, CA 94597	Client P.O.:	Date Analyzed: 07/31/11-08/01/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1107605

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1107605-007A	SB-2-16	S	7.7	25	1	114	e7,e2
1107605-013A	SB-3-16	S	6.5	ND	1	121	e2

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

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

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

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

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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Angela Rydelius, Lab Manager

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"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60082 WorkOrder: 1107605

EPA Method: SW8021B/8015Bm **Extraction: SW5030B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	N/A	0.60	N/A	N/A	N/A	103	92.5	10.5	N/A	N/A	70 - 130	20
MTBE	N/A	0.10	N/A	N/A	N/A	101	102	1.27	N/A	N/A	70 - 130	20
Benzene	N/A	0.10	N/A	N/A	N/A	99.9	93.3	6.84	N/A	N/A	70 - 130	20
Toluene	N/A	0.10	N/A	N/A	N/A	97.1	91.2	6.31	N/A	N/A	70 - 130	20
Ethylbenzene	N/A	0.10	N/A	N/A	N/A	98	92.3	5.95	N/A	N/A	70 - 130	20
Xylenes	N/A	0.30	N/A	N/A	N/A	99.8	94.7	5.17	N/A	N/A	70 - 130	20
%SS:	N/A	0.10	N/A	N/A	N/A	91	100	9.51	N/A	N/A	70 - 130	20

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

BATCH 60082 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-007A	07/20/11 9:35 AM	07/28/11	07/30/11 11:19 AM	1107605-013A	07/20/11 7:53 AM	07/28/11	07/30/11 11:49 AM

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

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

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

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

cluttered chromatogram; sample peak coelutes with surrogate peak.

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

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

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

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Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 60064 WorkOrder: 1107605

EPA Method: SW8015B **Extraction: SW3550B/3630C** **Spiked Sample ID: 1107771-037A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	720	40	NR	NR	NR	109	112	2.22	70 - 130	30	70 - 130	30
%SS:	91	25	72	86	18.0	98	98	0	70 - 130	30	70 - 130	30

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

BATCH 60064 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1107605-007A	07/20/11 9:35 AM	07/28/11	08/01/11 10:59 PM	1107605-013A	07/20/11 7:53 AM	07/28/11	07/31/11 2:03 AM

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

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

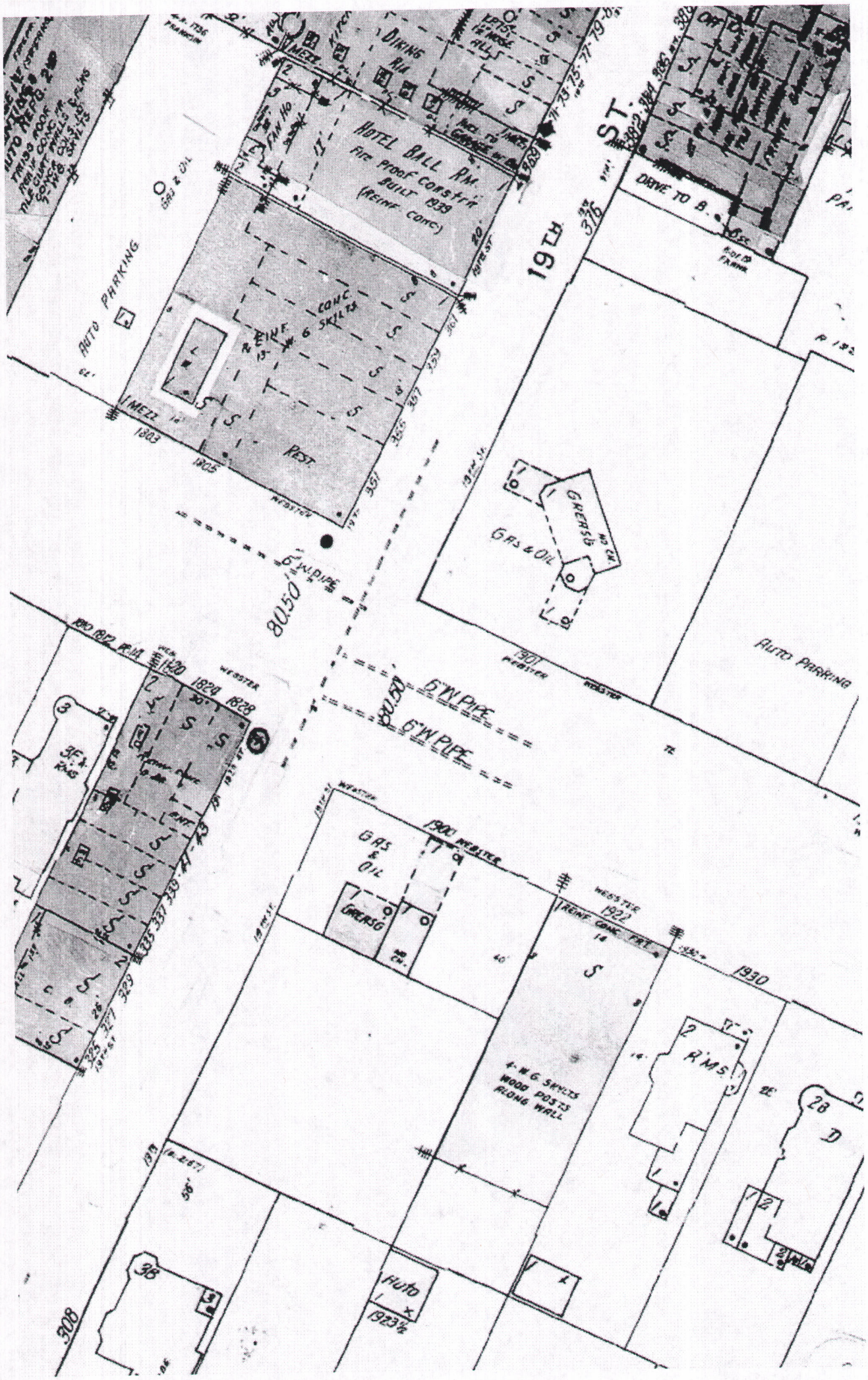
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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

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

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

DHS ELAP Certification 1644

QA/QC Officer


HOTEL BALL RM.
FIRE PROOF CONSTR'N
BUILT 1939
(REINF. CONC.)
DINING RM
MEZZ
AUTO PARKING
REINF. CONC SKILTS
REST
19TH ST.
DRIVE TO B.
GAS & OIL
GREASE PIT
AUTO PARKING
80.50
6"W PIPE
6"W PIPE
WEBSTER
1930
1922
REINF. CONC. FRT.
4-M.G. SKYLITS
WOOD POSTS
ALONG WALL
RMS
AUTO
1923½
908

Jan Schutze

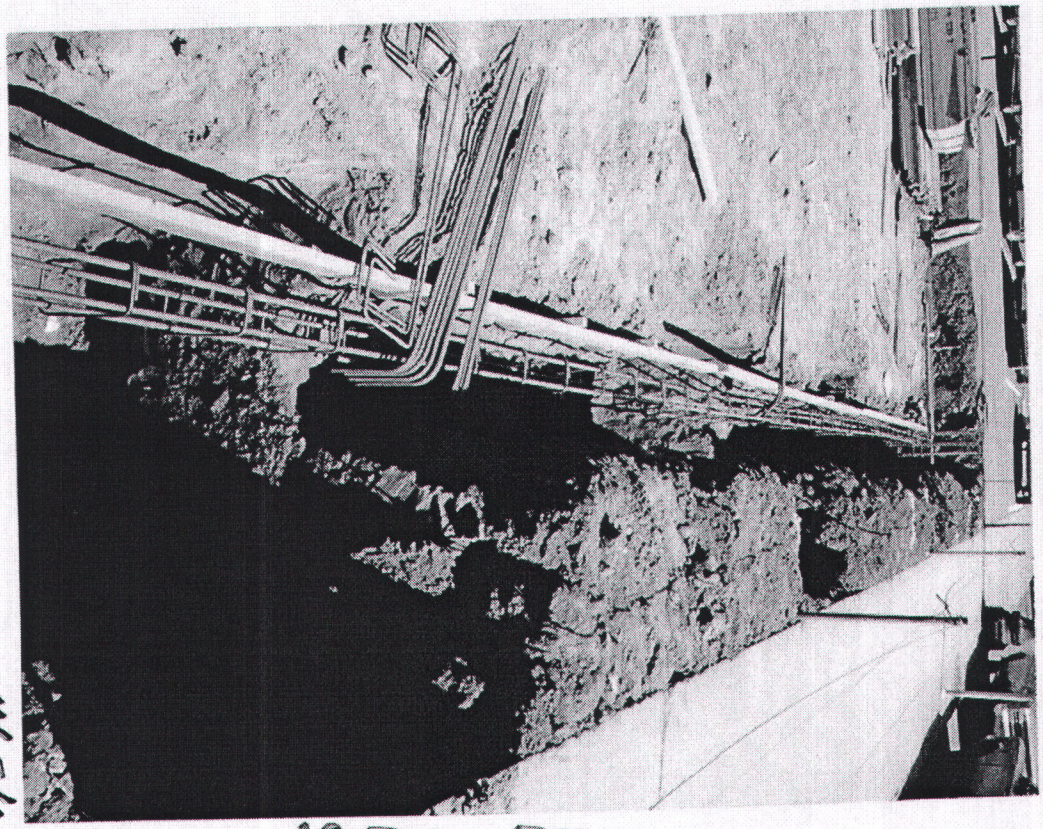
From: Rosemary Chang [rechang@mac.com]
Sent: Thursday, June 21, 2012 1:21 PM
To: js@schutze-inc.com
Cc: Ted Buttner
Subject: photos of 1900 Webster St construction from Ted Buttner

Photos are from 1969.

4/9/69

TED MILLER LEN LEUNING

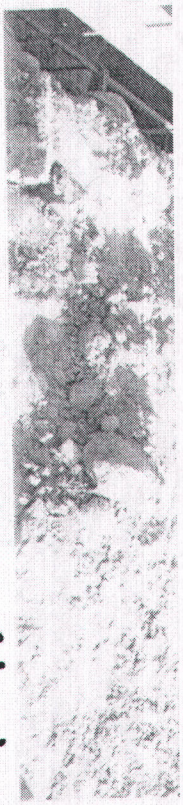
4-9-6



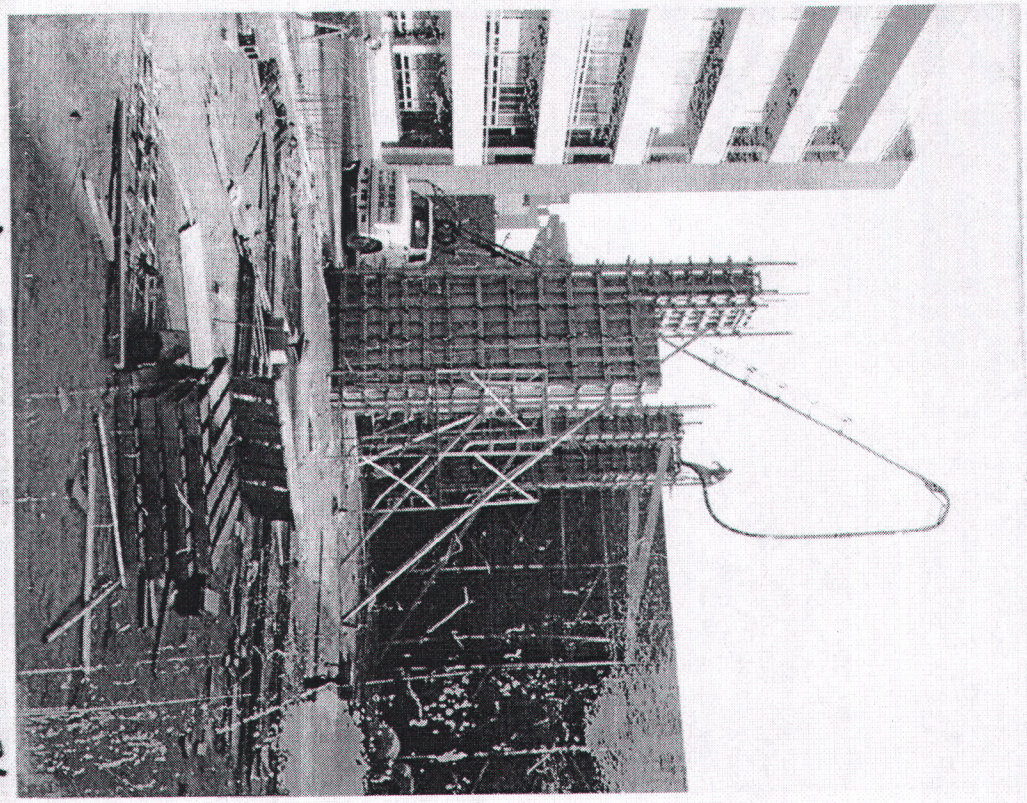
4/15/69

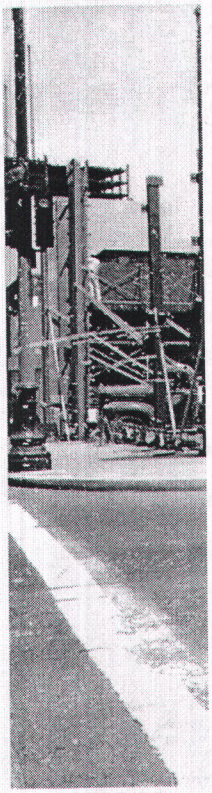
10TH ST

1ST. CONCRETE



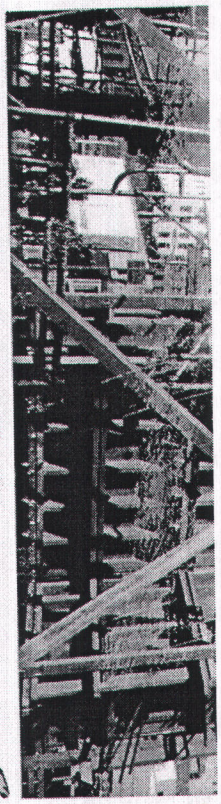
4/18/69





REAR WALL!

LU-LAMS & ROOF STRUCTURE 6/23/69



POURING MAIN ENTRANCE COLUMN 5/16