



PACIFIC  
ENVIRONMENTAL  
GROUP, INC.

**FACSIMILE TRANSMITTAL**

DATE: 11/13/95 10:41 AM

PROJECT #: 286.001.4a

TO: Eva Chu

FAX #: (510) 337-9335

FROM: Lance Geselbracht

**IF YOU HAVE ANY PROBLEMS RECEIVING THIS FACSIMILE,  
PLEASE CALL (408) 441-7500**

**SHEETS TO FOLLOW COVER PAGE**

11

**COMMENTS:**

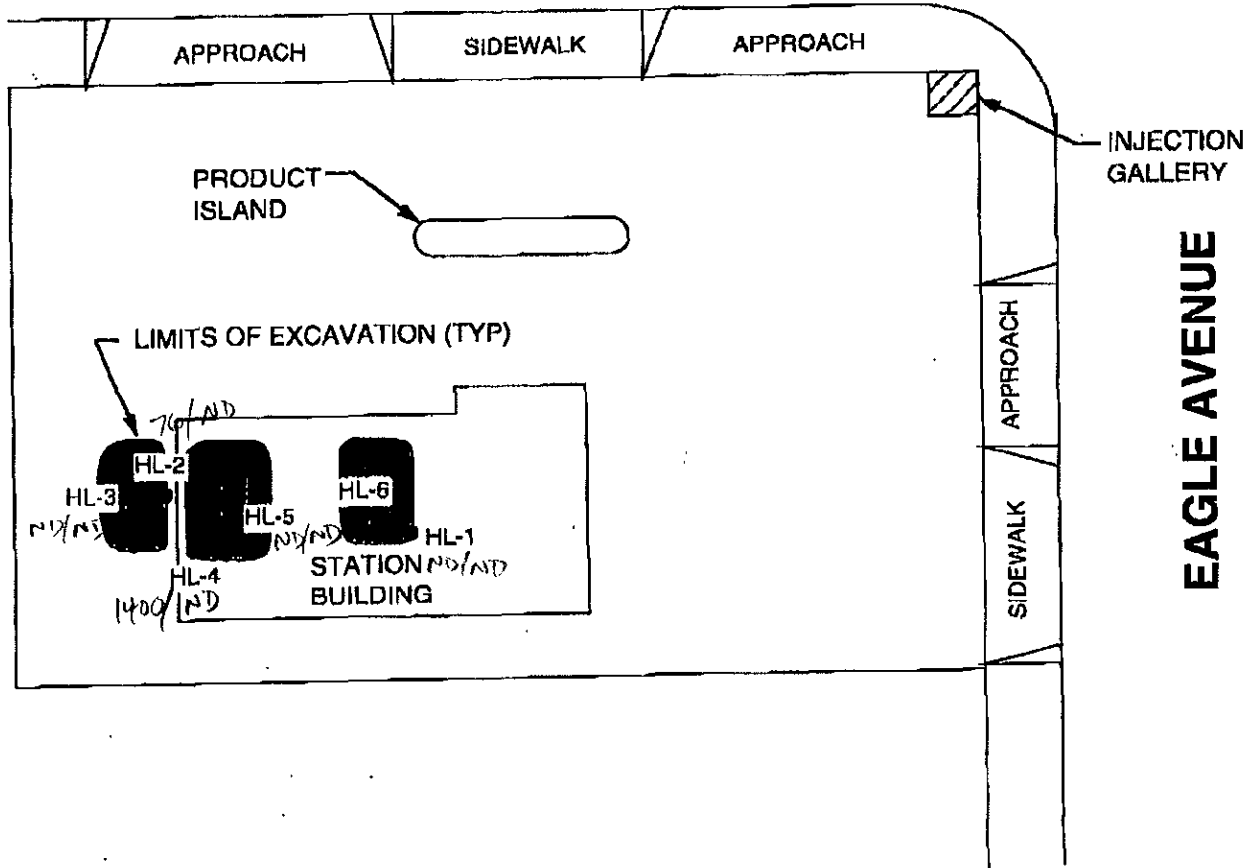
Eva,

Here's the analytical results for the samples taken inside the hydraulic lifts excavation. We ended up running a gas \BTEX analysis with all six samples. The sample locations shown on the drawing is correct. The inside wall of the station building was still somewhat "dirty" but we could not excavate any further because of fear the wall would collapse.

The results for gas and oil \grease for sample HL-4 are indicative of the contamination we had to leave. I don't think any additional work is required, what do you think?



# PARK STREET



### LEGEND

HL-3 ● SOIL SAMPLE LOCATION AND DESIGNATION

*soil  
from TPA-6/Beaumont*

### SCALE



PACIFIC ENVIRONMENTAL GROUP, INC.

ESTATE OF JOHN B. HENRY  
1726 Park Street at Eagle Avenue  
Alameda, California

MAP OF EXCAVATION

FIGURE:  
**2**

PROJECT:  
286-001.4A



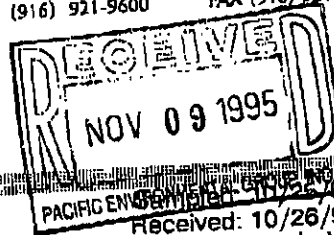
**Sequoia Analytical**

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1995, 11-13  
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10:51 #518 P.03/12  
FAX (510) 988-9673  
FAX (916) 921-0100



Pacific Environmental Group  
2025 Gateway Place, Suite 440  
San Jose, CA 95110

Client Proj. ID: 286-001.4B/Alameda

Lab Proj. ID: 9510J09

Received: 10/26/95  
Analyzed: see below

Reported: 11/07/95

Attention: Maree Doden

**LABORATORY ANALYSIS**

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510J09-01 Sample Desc: SOLID,HL-1 TRPH (EPA 418.1)	mg/Kg	11/03/95	15	N.D.
Lab No: 9510J09-02 Sample Desc: SOLID,HL-2 TRPH (EPA 418.1)	mg/Kg	11/03/95	15	66
Lab No: 9510J09-03 Sample Desc: SOLID,HL-3 TRPH (EPA 418.1)	mg/Kg	11/03/95	15	N.D.
Lab No: 9510J09-04 Sample Desc: SOLID,HL-4 TRPH (EPA 418.1)	mg/Kg	11/03/95	150	2400
Lab No: 9510J09-05 Sample Desc: SOLID,HL-5 TRPH (EPA 418.1)	mg/Kg	11/03/95	15	N.D.
Lab No: 9510J09-06 Sample Desc: SOLID,HL-6 Comp TRPH (EPA 418.1)	mg/Kg	11/03/95	15	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

*B Fletcher*  
Bruce Fletcher  
Project Manager





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Pacific Environmental Group  
2025 Gateway Place, Suite 440  
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Client Proj. ID: 286-001.4B/Alameda  
Lab Proj. ID: 9510199

Sampled: 10/26/95  
Received: 10/26/95  
Analyzed: see below  
Reported: 11/03/95

Attention: Maree Doden

**LABORATORY ANALYSIS**

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9510199-01				
Sample Desc: SOLID,HLSP-1D (Comp 1A-1D)				
Cadmium	mg/Kg	10/28/95	0.50	N.D.
Chromium	mg/Kg	10/28/95	0.50	35
Lead	mg/Kg	10/28/95	5.0	11
Nickel	mg/Kg	10/28/95	2.5	24
TRPH (EPA 418.1)	mg/Kg	11/01/95	150	880
Zinc	mg/Kg	10/28/95	0.50	30
Lab No: 9510199-02				
Sample Desc: SOLID,HLSP-2D (Comp 2A-2D)				
Cadmium	mg/Kg	10/28/95	0.50	0.57
Chromium	mg/Kg	10/28/95	0.50	42
Lead	mg/Kg	10/28/95	5.0	46
Nickel	mg/Kg	10/28/95	2.5	24
TRPH (EPA 418.1)	mg/Kg	11/01/95	15	500
Zinc	mg/Kg	10/28/95	0.50	47

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

*B. Fletcher*  
Bruce Fletcher  
Project Manager





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Pacific Environmental Group  
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Client Proj. ID: 286-001.4B/Alameda  
Sample Descript: HLSP-1D (Comp 1A-1D)  
Matrix: SOLID  
Analysis Method: EPA 8020  
Lab Number: 9510/99-01

Sampled: 10/26/95  
Received: 10/26/95  
Extracted: 10/30/95  
Analyzed: 10/31/95  
Reported: 11/03/95

Attention: Marea Doden

GC Batch Number: GC103095BTEXEXA  
Instrument ID: GCHP18

**BTEX Distinction**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.10	N.D.
Toluene	0.10	N.D.
Ethyl benzene	0.10	0.29
Xylenes (Total)	0.10	0.99
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70	130
		92

Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager





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Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110	Client Proj. ID: 286-001.4B/Alameda Sample Descript: HLSP-2D (Comp 2A-2D) Matrix: SOLID Analysis Method: EPA 8020 Lab Number: 9510199-02	Sampled: 10/26/95 Received: 10/26/95 Extracted: 10/30/95 Analyzed: 10/30/95 Reported: 11/03/95
Attention: Marea Doden		
QC Batch Number: GC103095BTEXEXA		
Instrument ID: GCHP06		

**BTEX Distinction**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
Benzene	0.010	N.D.
Toluene	0.010	N.D.
Ethyl benzene	0.010	0.028
Xylenes (Total)	0.010	0.098
<b>Control Limits %</b>		<b>% Recovery</b>
Surrogates	70	130
Trifluorotoluene		94

Analytes reported as N.D. were not present above the stated limit of detection.

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*B Fletcher*  
 \_\_\_\_\_  
 Brucie Fletcher  
 Project Manager





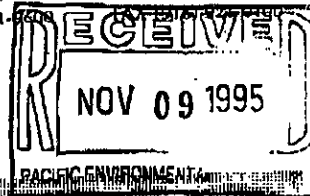
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2025 Gateway Place, Suite 440  
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Client Proj. ID: 286-001.4B/Alameda  
Sample Descript: HL-1  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9510J09-01

Sampled: 10/25/95  
Received: 10/26/95  
Extracted: 11/01/95  
Analyzed: 11/02/95  
Reported: 11/07/95

Attention: Marea Doden

QC Batch Number: GC110195BTEXEXB

Instrument ID: GCHP01

### Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	113

Analytes reported as N.D. were not present above the stated limit of detection.

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Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110	Client Proj. ID: 286-001.4B/Alameda Sample Descript: HL-2 Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9510J09-02	Sampled: 10/25/95 Received: 10/26/95 Extracted: 11/01/95 Analyzed: 11/02/95 Reported: 11/07/95
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Attention: Maree Doden  
QC Batch Number: GC110195BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	25	76
Benzene	0.12	N.D.
Toluene	0.12	N.D.
Ethyl Benzene	0.12	N.D.
Xylenes (Total)	0.12	0.19
Chromatogram Pattern: Unidentified HC		C8-C12
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70	130

Analytes reported as N.D. were not present above the stated limit of detection.

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Pacific Environmental Group  
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Client Proj. ID: 286-001.4B/Alameda  
Sample Descript: HL-3  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9510J09-03

Sampled: 10/25/95  
Received: 10/26/95  
Extracted: 11/01/95  
Analyzed: 11/02/95  
Reported: 11/07/95

Attention: Maree Doden

QC Batch Number: GC110195BTEXEXB  
Instrument ID: GCHP18

### Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	110

Analytes reported as N.D. were not present above the stated limit of detection.

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Pacific Environmental Group  
2026 Gateway Place, Suite 440  
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Client Proj. ID: 286-001.4B/Alameda  
Sample Descript: HL-4  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9510J09-04

Sampled: 10/25/95  
Received: 10/26/95  
Extracted: 11/01/95  
Analyzed: 11/02/95  
Reported: 11/07/95

Attention: Maree Doden

QC Batch Number: GC110195BTEXEXB  
Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	400	1400
Benzene	2.0	N.D.
Toluene	2.0	N.D.
Ethyl Benzene	2.0	4.3
Xylenes (Total)	2.0	15
Chromatogram Pattern: Unidentified HC		> C10
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	86

Analytes reported as N.D. were not present above the stated limit of detection.

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Pacific Environmental Group  
2025 Gateway Place, Suite 440  
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Client Proj. ID: 286-001.4B/Alameda  
Sample Descript: HL-5  
Matrix: SOLID  
Analysis Method: 8015Mod/8020  
Lab Number: 9510J09-05

Sampled: 10/25/95  
Received: 10/26/95  
Extracted: 11/01/95  
Analyzed: 11/02/95  
Reported: 11/07/95

Attention: Maree Doden

QC Batch Number: GC110195BTEXEXB

Instrument ID: GCHP18

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	83

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

*B Fletcher*

Brucie Fletcher  
Project Manager





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Pacific Environmental Group 2025 Gateway Place, Suite 440 San Jose, CA 95110	Client Proj. ID: 286-001.4B/Alameda Sample Descript: HL-6 Comp Matrix: SOLID Analysis Method: 8015Mod/8020 Lab Number: 9510.109-06	Sampled: 10/25/95 Received: 10/26/95 Extracted: 11/01/95 Analyzed: 11/02/95 Reported: 11/07/95
Attention: Maree Doden		
QC Batch Number: GC110195BTEXEXB		
Instrument ID: GCHP18		

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

Analyte	Detection Limit mg/Kg	Sample Results mg/Kg
TPPH as Gas	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Xylenes (Total)	0.0050	N.D.
Chromatogram Pattern:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	88

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