

## **HYDRAULIC ELECTRO SERVICE Corp.**

### **Materials Handling Equipment**

9910 Edes street Oakland, CA 94603  
(510) 654-4641 . FAX: (510) 430-3519

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August 29, 2006

Environmental Health Services  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577

Att: Hazardous Materials Specialist

Re: Investigation at Hydraulic Electro Service Corporation. located at  
5812 Hollis Street, Emeryville, CA. 94608.

Enclosed please find the results of the MTBE tests that was performed per  
your instructions. In reference to your letter to us, it states that upon  
completion of this test you are to issue a closure certification letter, related  
to the two former USTs.

We would appreciate this closure certificate at your earliest convenience.

Respectfully yours,

Wilma Alders

enclosures

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES  
ENVIRONMENTAL PROTECTION  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
(510) 587-6700  
(510) 337-9432

November 10, 1999

Wilma Alders  
3356 Betty Lane  
Lafayette, CA 94549

STID: 49

Re: Investigations at Hydraulic Electro Service Corporation, located at 5812 Hollis Street, Emeryville, CA

Dear Mrs. Alders,

In December 1989, one 8,000-gallon diesel underground storage tank (UST) and one 3,000-gallon gasoline UST were removed from the above site. Soil samples were collected from below these USTs, and one "grab" groundwater sample was collected from the tank pit. These samples were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd), TPH as gasoline (TPHg), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Analysis of the soil samples identified up to 23 parts per million (ppm) TPHd and 0.25ppm TPHg, and analysis of the groundwater sample identified 90,000 parts per billion (ppb) TPHd, 2,300ppb TPHg, 100ppb benzene, 200ppb toluene, 40ppb ethylbenzene, and 310ppb xylenes.

Consequently, in June 1993, one groundwater monitoring well was installed adjacent to the former tank locations to determine the extent and severity of the observed groundwater contamination. One soil sample collected during the well installation identified 14ppm TPHg and 40ppm TPHd. Groundwater samples were collected from this well for four consecutive quarters, between June 1993 and June 1994, and analyzed for TPHd, TPHg, and BTEX. No contaminants were identified in groundwater during this period.

It appears that the site is close to qualifying for closure, however, to date, no soil or groundwater samples from the site have been analyzed for Methyl Tertiary Butyl Ether (MTBE). Per Chapter 6.75, Division 20 of the California Health & Safety Code,

**"no closure letter pursuant to this chapter shall be issued unless the soil or groundwater, or both, where applicable, at the site have been tested for MTBE [Methyl Tertiary Butyl Ether] and the results of that testing are known to the regional board."**

Consequently, this office is requiring that one additional groundwater sample be collected from the existing on-site monitoring well and analyzed for MTBE. If low to non-detectable levels of MTBE are identified, this office will issue you a closure certification letter for the investigations related to the two former USTs.

Wilma Alders  
Re: 5812 Hollis Street  
November 10, 1999  
Page 2 of 2

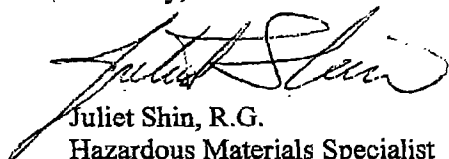
A letter workplan addressing the sampling of the well should be submitted within 60 days of the date of this letter (i.e., by January 05, 1999). The sampling should be conducted within 45 days after receiving approval from this office.

The State Water Resources Control Board manages an Underground Storage Tank Cleanup Fund (Fund) to help eligible Responsible Parties to obtain reimbursement for costs of investigating and remediating releases from petroleum underground storage tanks. You are encouraged to apply. To obtain an Application Package, contact the Fund at the following:

State Water Resources Control Board  
Division of Clean Water Programs  
UST Cleanup Fund  
P.O. Box 944212  
Sacramento, CA 944212  
Telephone: (916) 227-4366

Thank you for your cooperation. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin, R.G.  
Hazardous Materials Specialist

Cc: Files-JMS

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510 420 1707;

Jan-8-08 1:43PM;

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*attached  
1/5/08  
KWS*

# **BASELINE**

## **ENVIRONMENTAL CONSULTING**

18 July 2006  
Y6323.00469

Mr. Peter Alders  
9910 Edes Avenue  
Oakland, CA 94603

**Subject: Groundwater Sampling Event at 5812 Hollis Street, Emeryville, California**

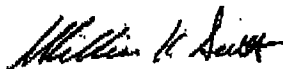
Dear Mr. Alders:

This letter is to document the recent groundwater sampling from a groundwater monitoring well located at the subject site. On 29<sup>th</sup> June 2006, BASELINE collected a groundwater sample (MW-1) from the on-site monitoring well. The groundwater sample was collected with the use of a peristaltic pump and clean disposable polyethylene tubing after a minimum of three well casing volumes had been purged and three successive stable field measurements had been achieved. Field measurements collected during purging are included on the attached Groundwater Sampling form. The groundwater sample was decanted directly into four 40-ml VOAs and placed into a cooler containing ice. The sample were transported under chain-of-custody to Curtis and Tompkins, Ltd., a state-certified analytical laboratory, where it was analyzed for MTBE.

The laboratory indicated that the sample did not contain MTBE above the laboratory reporting limit. The laboratory report is attached.

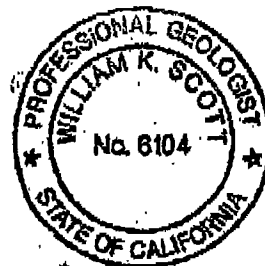
Please do not hesitate to call if you should have any questions.

Sincerely,



William K. Scott  
Professional Geologist No. 6104

WKS:cr  
Attachment



Y6323.00469.ir.wpd-7/14/06

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**GROUNDWATER SAMPLING**

Project No. <u>Y6323-00</u>	Well No.: <u>MW-1</u>	Date: <u>6/29/2006</u>
Project name: <u>5812 Hollis Street</u>	Depth of well from TOC (feet): <u>19.20 (soft bottom)</u>	
Location: <u>5812 Hollis Street</u>	Well diameter (inches): <u>2</u>	
<u>Emeryville, CA</u>	Screened interval bgs (feet): <u>NA</u>	
Recorded by: <u>WKS</u>	Filter pack interval bgs (feet): <u>NA</u>	
Weather: <u>Sunny</u>	TOC elevation (feet): <u>NA</u>	
Precip. in past 5 days (inches): <u>0</u>	Water level from TOC (feet): <u>6.10</u>	Time: <u>9:48</u>
<u>Dual-phase interface</u>		
Water Level Instrument: <u>probe (Solinst)</u>	Product level from TOC (feet): <u>None</u>	Time: <u>9:48</u>

**VOLUME OF WATER TO BE REMOVED**

$$(19.20 \text{ ft} - 6.1 \text{ well depth} - 6.1 \text{ water level}) \times (0.083 \text{ ft})^2 \times \pi \times 7.48 \text{ gal/ft}^3 = \frac{4.1}{6.5} \text{ gallons in one casing volume total gallons removed}$$

**CALIBRATION**

	Time	Temp (°C)	pH	NTU	EC (µmho/cm)
Calibration Standard:	--	--	7.00	0/20	1,000
Before Purging:	10:10	21.2	7.00	0/20	1,000
After Puring:	10:55	22.4	6.98	0/20	1,010

**FIELD MEASUREMENTS**

Time	Temp (°C)	pH	EC (µmho/cm)	Cumulative Gallons Removed	Odor	NTU
10:20	20.4	6.44	2,136	2	Clear	6.0
10:30	20.1	6.45	2,156	3.5	Clear	6.0
10:40	19.9	6.45	2,200	5	Clear	2.3
10:50	19.9	6.45	2,230	6.5	Clear	1.3

Appearance of sample: <u>Clear</u>	Time: <u>10:55</u>
Duplicate/blank number: <u>None</u>	Time: <u>NA</u>
Purge method: <u>Peristaltic pump with new disposable polyethylene tubing</u>	
Sampling equipment: <u>Same as purge equipment</u>	VOA attachment: <u>None</u>
Sample containers: <u>Four 40-ml VOAs</u>	
Sample analyses: <u>MTBE</u>	Laboratory: <u>Curtis &amp; Tompkins</u>
Decontamination method: <u>Alconox and water, DI water rinse</u>	Rinsate disposal: <u>Drum stored on site</u>

Notes: TOC = top of casing  
bgs = below ground surface

BASELINE • 5900 Hollis Street, Suite D • Emeryville, CA 94608 • (510) 420-8586 • (510) 420-1707 fax

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Jan-8-08 1:43PM;

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

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

ANALYTICAL REPORT

Prepared for:

Baseline Environmental  
8900 Hollis Street  
Suite D  
Emeryville, CA 94608

**RECEIVED**  
**JUL 21 2006**  
**BASELINE**

Date: 14-JUL-06  
 Lab Job Number: 187752  
 Project ID: STANDARD  
 Location: 5812 Hollis St. Emeryville CA

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

Reviewed by: *Tom B. Bishop* LTB  
 Project Manager

Reviewed by: *[Signature]*  
 Operations Manager

This package may be reproduced only in its entirety.

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Curtis & Tompkins, Ltd.

**CASE NARRATIVE**

Laboratory number: 187752  
Client: Baseline Environmental  
Location: 5812 Hollis St. Emeryville CA  
Request Date: 06/29/06  
Samples Received: 06/29/06

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 06/29/06. The sample was received cold and intact.

TPH-Purgeables and/or BTEX by GC (EPA 8021B):  
No analytical problems were encountered.





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Curtis & Tompkins, Ltd.

Lab #:	187752	Location:	5812 Hollis St. Emeryville CA
Client:	Baseline Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8021B
Field ID:	MW-1	Sampled:	06/29/06
Matrix:	Water	Received:	06/29/06
Diln Fac:	1.000	Analyzed:	06/29/06
Batch#:	114860		

Type: SAMPLE Units: ug/L  
 Lab ID: 187752-001

Analysis	Result	RL
MTBE	ND	2.0

Parameter	SPC	Limit
Trifluorotoluene (PID)	87	64-132
Bromofluorobenzene (PID)	101	80-120

Type: BLANK Units: ug/kg  
 Lab ID: QC345749

Analysis	Result	RL
MTBE	ND	2.0

Parameter	SPC	Limit
Trifluorotoluene (PID)	86	64-132
Bromofluorobenzene (PID)	93	80-120

ND= Not Detected  
 RL= Reporting Limit

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Curtis &amp; Tompkins, Ltd.

## Batch QC Report

Lab #:	187752	Location:	5812 Hollis St. Emeryville CA	
Client:	Baseline Environmental	Prep:	EPA 5030B	
Project#:	STANDARD	Analysis:	EPA 8021B	
Type:	BS	Diln Fac:	1.000	
Lab ID:	QC345750	Batch#:	114860	
Matrix:	Water	Analyzed:	06/29/06	
Units:	ug/Kg			

ANALYTE	Sample	Result	APP	Limit
MTBE	20.00	18.83	94	72-124

Sample	MTBE	Limit
Trifluorotoluene (PID)	86	64-132
Bromofluorobenzene (PID)	92	80-120

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Curtis &amp; Tompkins, Ltd.

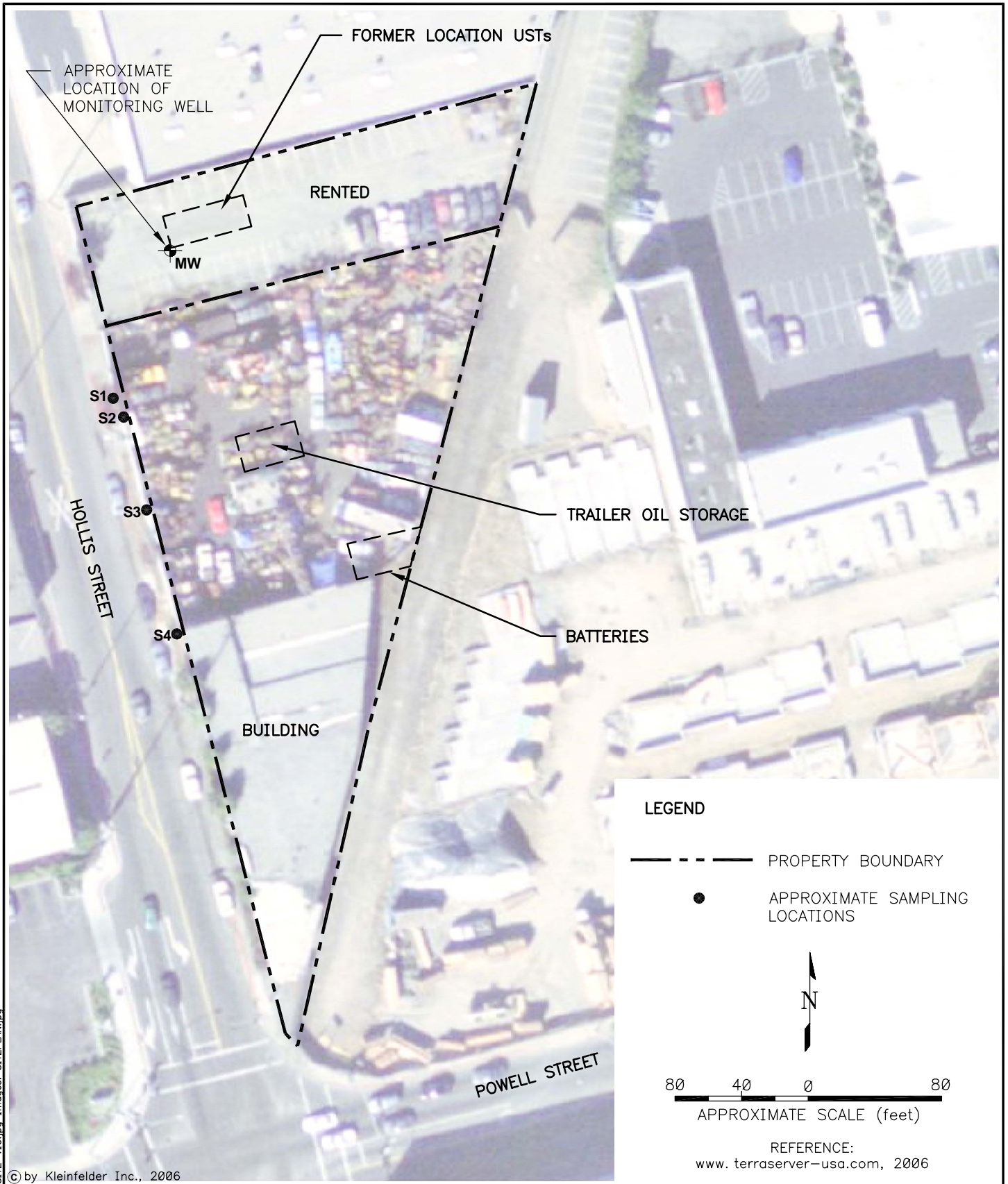
## Batch QC Report

Lab #:	187752	Location:	5812 Hollis St. Emeryville CA		
Client:	Baseline Environmental	Prep:	EPA 5030B		
Project#:	STANDARD	Analysis:	EPA 8021B		
Type:	BSD	Diln Fac:	1.000		
Lab ID:	QC345770	Batch#:	114860		
Matrix:	Water	Analyzed:	06/30/06		
Units:	ug/Kg				

Analysis	SP (ppb)	Result	RPD	Limit	RPD	Lim
MTBE	20.00	18.88	94	72-124	0	24

Sample Name	SP (ppb)	RPD
Trifluorotoluene (PID)	87	64-132
Bromofluorobenzene (PID)	94	80-120

RPD= Relative Percent Difference



ATTACHED XREFS: XRef: TB\_A-port  
 ATTACHED IMAGES: Images: SITE-VIC.jpg Images: SITEPLAN.jpg



1970 Broadway, Suite 710  
 Oakland, CA 94612-2212  
 PH: (510) 628-9000 FAX: (510) 628-9009

**SITE PLAN**

ALDERS PROPERTY – CITY OF EMERYVILLE  
 5812 HOLLIS STREET  
 EMERYVILLE, CALIFORNIA

PLATE

**2**

DRAFTED BY: L. Sue/J. Sala

CHECKED BY: A. Dominguez

DATE: 04/27/06

REVISION DATE:

PROJECT NO. 67972-PWENV