

RALPH N. MENDELSON, INC.  
MICHAEL S. BROWN, INC.  
THOMAS P. SULLIVAN, INC.  
JOHN B. DICKSON  
GREGORY L. BEATTIE  
RICHARD A. LYONS

LAW OFFICES OF  
**MENDELSON & BROWN**  
A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS  
1040 MARINA VILLAGE PARKWAY, SUITE B  
POST OFFICE BOX 2426  
ALAMEDA, CALIFORNIA 94501  
TELEPHONE (510) 521-1211  
FACSIMILE (510) 521-7879

93 OCT 29 AM 11:38  
OF COUNSEL  
LAN S. GARBER

October 28, 1993

5268-105

Juliet Shinn  
Hazardous Materials Specialist  
Alameda County Health Care Services  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, CA 94621

Re: Beck Roofing Company, Inc., 21123 Meekland Avenue, Hayward, California

Dear Ms. Shinn:

Pursuant to our recent telephone conversation, enclosed are copies of the following reports prepared by D & D Management Consultants, Inc.:

Quarterly Groundwater Monitoring Report,  
dated September 28, 1993, and

Soil Borings and Sampling results, dated August 23, 1993.

Please note that although D & D Management Consultants, Inc. references excavation as a scheduled activity for the next quarter, such activity will not necessarily take place. At present, Beck Roofing is exploring all possible cleanup solutions available for the site.

Very truly yours,

*Elsie Matsuno*

ELSIE K. MATSUNO

Enclosures  
cc: Beck Roofing Company

QUARTERLY GROUNDWATER MONITORING REPORT  
JULY 16, 1993

September 28, 1993

prepared for

Beck Roofing Company Inc.  
21123 Meekland Avenue  
Hayward, CA

prepared by

D & D Management Consultants, Inc.  
P.O. Box 23040  
San Jose, CA 95153

## QUARTERLY MONITORING REPORT JULY 16, 1993

### 1.0 INTRODUCTION

Per your authorization, D & D MANAGEMENT CONSULTANTS, INC. (D & D) is presenting this report to Beck Roofing Company for the site located at, 21123 Meekland Ave., Hayward, CA, hereafter referred to as the "site" in this report; see Site Plan. This work was performed per the requirements of the Alameda County Department of Environmental Health, and the Regional Water Quality Control Board for sites with fuel leaks to soils and/or ground water.

Simultaneous site work, performed by D & D, is detailed in the following D & D documents:

- 1) Soil Borings and Sampling dated August 23, 1993

### 2.0 GENERAL SITE INFORMATION

#### 2.1 SITE LOCATION

The site is situated at the southwest side of Meekland Ave., and is located at the following address:

21123 Meekland Avenue  
Hayward, CA 94541

#### 2.2 CONTACT PERSON

The contact person for this site is:

Mary & Charles Beck  
P.O. Box 234  
Hayward, CA 94543  
(510) 581-6750

#### 2.3 CONSULTANT

D & D is the consultant that wrote this quarterly report. The D & D contact person is:

Paul Dzakowic, President  
D & D Management Consultants, Inc.  
P.O. Box 23040  
San Jose, CA 95153  
(408) 683-4254

## 2.4 LEAD IMPLEMENTING AGENCY

The lead implementing agency authorized by the California Regional Water Quality Control Board to oversee this site is:

Alameda County Department of Health Services  
80 Swan Way, Room 200  
Oakland, CA  
(510) 271-4320  
Contact: Juliet Shin

## 3.0 GROUNDWATER LEVEL MEASUREMENTS

Groundwater levels were measured on the dates indicated below in Table, Summary of Groundwater Measurements. Groundwater levels were taken using an electric sounder, and were measured to a surveyed point on the well head, indicated as Top of Casing Elevation (TOC) below in Table 1 and Attachment A, Well Data Sheets and Measurement Logs. Well locations are presented in this Attachment. Once the wells were uncapped, each well was allowed to stabilize prior to commencing measurements.

TABLE 1  
SUMMARY OF GROUNDWATER MEASUREMENTS

Well No.	Date Measured	Well Head Elev. (MSL) in feet	Depth to Groundwater feet	MSL EL. of Groundwater feet
MW-1	7-16-93	100.01	-28.31	71.70
MW-2	7-16-93	100.13	-28.39	71.74
MW-3	7-16-93	100.00	-28.33	71.67

D & D used a graphical method (three point solution) to approximate the groundwater gradient and the direction of flow from the groundwater elevation data; see Attachment A.

## 4.0 GROUNDWATER SAMPLING AND ANALYSIS

Groundwater purging and sampling were performed on MW-1, MW-2 and MW-3 on July 16, 1993.

Using a disposal PVC bailer, all wells (MW-1, MW-2, and MW-3) were checked for free product. No free product or sheen was found in the water contained within the bailer. Using a bailer, each well was then purged of approximately four well volumes. During the well purging, the water evacuated from the wells was periodically monitored for pH, conductivity, and temperature; see Attachment A. These parameters appeared to stabilize upon extracting four well volumes of water from the wells.

Groundwater sampling was performed with dedicated, disposable PVC bailers designed to recover volatile samples. The water samples were placed in the appropriate sample containers, labeled and stored in a cooler box (with ice) for transport to the laboratory for chemical analysis.

Groundwater samples recovered from the wells were submitted to National Environmental Testing, Inc., of Santa Rosa, CA., for chemical analysis. Groundwater samples for the wells were chemically analyzed for total petroleum hydrocarbons as gasoline, with benzene, toluene, ethyl benzene, and total xylenes, (BTEX) distinction, and total lead.

## 5.0 DISCUSSION OF LABORATORY RESULTS

Groundwater laboratory results of the samples recovered are summarized below in Table 2, Summary of Groundwater Sample Results for TPH Gasoline, BTEX and Total Lead. Certified Laboratory Reports and Sample Chain of Custody are presented in Attachment B.

TABLE 2  
SUMMARY OF GROUNDWATER SAMPLING RESULTS  
for  
TPH GASOLINE, BTEX AND TOTAL LEAD

SAMPLE NO.	SAMPLE DATE	TPH AS GASOLINE (mg/L)	BENZENE (UG/L)	TOLUENE (UG/L)	ETHYL BENZENE (UG/L)	TOTAL XYLENES (UG/L)	TOTAL LEAD (mg/L)
MW-1	7-16-93	ND(0.05)	ND.(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.012
MW-2	7-16-93	ND(0.05)	2.0	ND(0.5)	ND(0.5)	ND(0.5)	0.011
MW-3	7-16-93	7.9	1500	11	340	840	ND(0.002)

ND= Not detected below detection limits  
( )= Laboratory reporting limit

Groundwater samples recovered from MW-3 reveal the presence of gasoline, benzene, toluene, ethyle benzene and xylenes.

Groundwater samples recovered from MW-1 and MW-2 were below the detection limits except for MW-2 which had the presence of 2 ppb of benzene.

## 6.0 WATER SAMPLE DATA

The quality assurance and quality control (QA/AC) review of the new sample data in this report indicates the data is acceptable for the purpose and objectives of this project.

### 6.1 QUALITY OF GROUNDWATER SAMPLES

Prior to sampling, all monitoring wells were purged of approximately 3 to 4 well volumes of water, in accordance with EPA protocol. The sample water was clear and free of sediment. No errors were noted in sampling procedures.

All samples were promptly delivered to the laboratory in appropriate containers. Samples were kept on ice and refrigerated until extracted by the laboratory. Wells were secure and appeared in good condition for sampling.

### 6.2 CHAIN OF CUSTODY DOCUMENTATION

Complete chain-of-custody forms were maintained for all samples from the time of their collection until their submission to the laboratory. No errors in chain-of-custody protocol were noted.

## 7.0 SCHEDULE OF ACTIVITIES

The following tasks were scheduled to be completed during the next quarter:

- \* Removal of contaminated soil from ground and stockpiling on site.

## 8.0 LIMITATION

This report is only part of the ongoing work required by the lead implementing agency at this site. The chemical test results rely on limited data collected at the sampling location only. Budget constraints restrict the amount of testing allowed. The test results do not apply to the general site as whole. Therefore, D & D Management Consultants, Inc., cannot have complete knowledge of the underlying conditions. D & D provided the information in this report to our client to enable

the client to make a more informed decision about the site conditions. The professional opinion and judgement in the report is subject to revisions in light of new information. D & D does not state or imply any guarantees or warranties that the subject property is or is not free of environmental impairment.

ATTACHEMENT A

WELL DATA SHEETS AND MEASUREMENT LOGS





**LOUIS A. RICHARDSON**  
**Consulting Engineering Geologist**

202 Jason Way  
Mountain View, California 94043

(415) 967-1000

Registered Geologist • Certified Engineering Geologist • California and Oregon

August 20, 1993

Proj. No. 539.44B

D & D Management Consultants  
P. O. Box 23040  
San Jose, California 95153

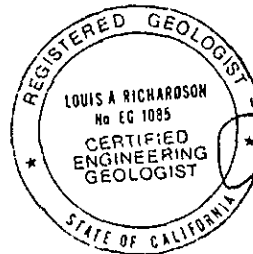
Attention: Mr. Paul Dzakowic

**Re: Groundwater Sampling at  
Beck Roofing Co.  
21123 Meekland Ave.  
Hayward, CA**

Gentlemen:

Pursuant to your request, on July 16, 1993 the undersigned observed the groundwater sampling operations performed by your firm in three monitoring wells existing at the above-referenced site. As part of these services, pH, conductivity and temperature readings were taken during purging operations with a Cambridge Hydac Testing Meter and, after purging, turbidity readings, in Nephelometric Turbidity Units, were obtained with a LaMotte Model 2008 Turbidimeter. Both instruments were appropriately calibrated prior to testing. Before and after purging, water level readings were obtained to the nearest one-hundredth of a foot with a SINCO water level indicator.

Transmitted herewith are results of the testing and measurements taken during the sampling operations. The attached Plate 1, Site Plan shows the locations of the wells and the groundwater flow gradient, calculated from the water surface elevations, as determined by water level readings. Thank you for the opportunity to be of assistance regarding this matter. If you have any questions, or require further services, please feel free to call.

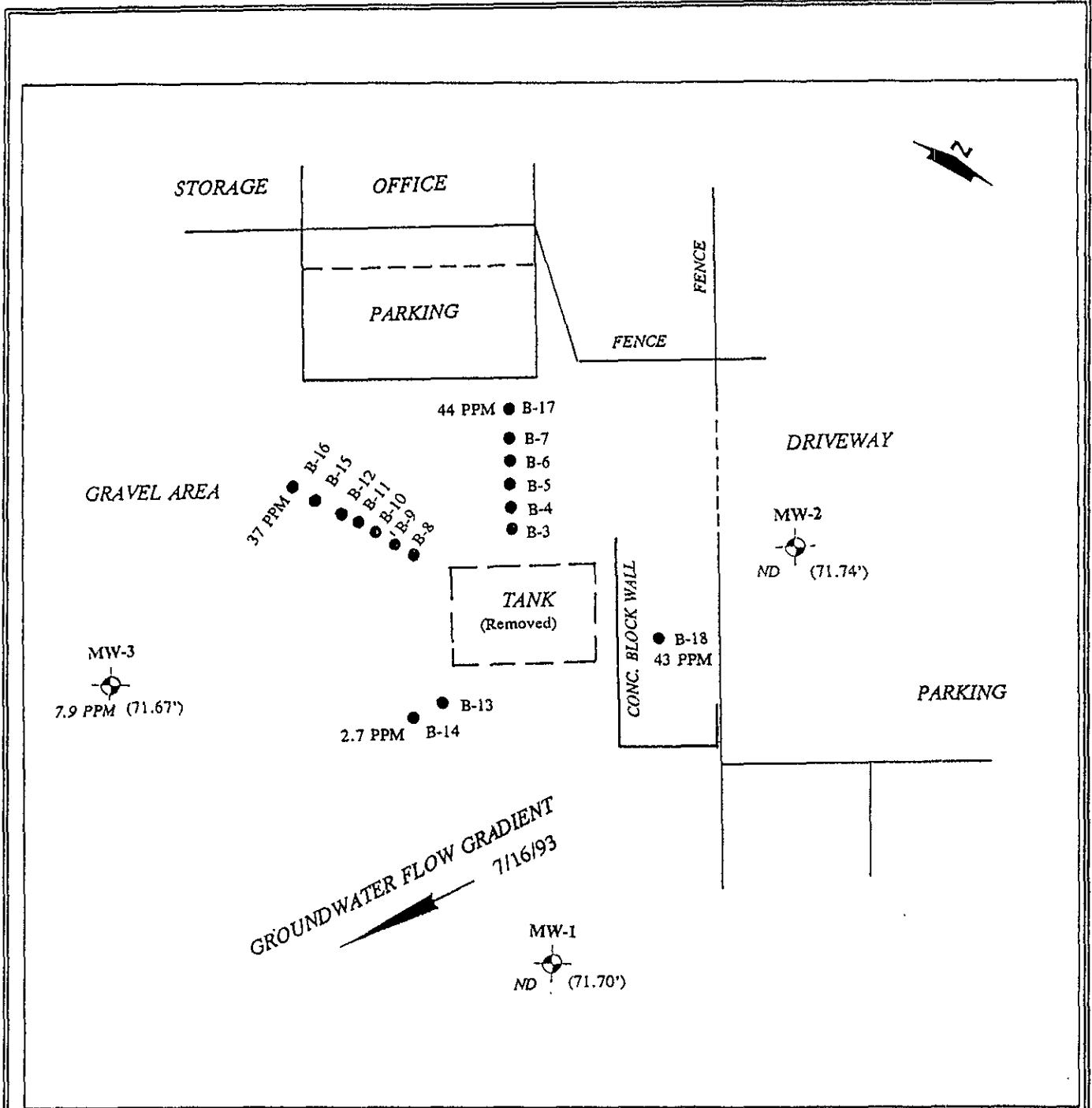


Very truly yours

*Louis A. Richardson*  
Louis A. Richardson  
Consulting Engineering Geologist

LAR:ka  
Attachments

JOB NO. 539.44 JOB NAME BECK ROOFING LOCATION HAYWARD, CA ENGR DRAWN BY LAR CHECKER DATE AUGUST 1993



SCALE: 1" = 20'

EXPLANATION

- MW-3  
7.9 PPM (71.67')
  - B-18  
43 PPM
- Monitoring Well Location, showing TPH and (Water Elev.) on 7/16/93.
- Boring Location, July 1993, showing TPH in soil at 24'.

SITE PLAN

LOUIS A. RICHARDSON  
Consulting Engineering Geologist  
Mountain View, California



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Beck Roofing Co.  
 21123 Meekland Ave.  
 Hayward, CA

By: L. Richardson

**WELL NO. MW-1**

**WELL SAMPLING DATA**

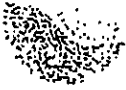
<u>DATE</u>	<u>PURGE METHOD</u>	<u>SAMPLING METHOD</u>	<u>SAMPLE TYPE</u>	<u>FREE PRODUCT</u>
7/16/93	Bailer	Bailer	Grab	No

WELL DATA

Well Depth, ft. 38.0  
 Water Depth, ft. 28.61  
 Casing Dia., in. 2.0  
 1 Casing Volume \* 1.54 gallons      \*Casing Volume = (Casing Dia.)<sup>2</sup> (0.041)(Well Depth - Water Level)

Well Volumes	Turb. (NTU)	pH	Cond (μS)	Temp (°F)
1		6.76	626	71.1
2		6.76	632	70.3
3		6.79	630	70.4
4	829	6.78	638	70.2

COMMENTS: Total recovery of water level within 1 min. of bailing.



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 Consulting Engineering Geologist  
 202 Jason Way  
 Mountain View, California 94043

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Beck Roofing Co.  
 21123 Meekland Ave.  
 Hayward, CA

By: L. Richardson

WELL NO. MW-2

WELL SAMPLING DATA

<u>DATE</u>	<u>PURGE METHOD</u>	<u>SAMPLING METHOD</u>	<u>SAMPLE TYPE</u>	<u>FREE PRODUCT</u>
7/16/93	Bailer	Bailer	Grab	No

WELL DATA

Well Depth, ft. 38.0  
 Water Depth, ft. 28.65  
 Casing Dia., in. 2.0  
 1 Casing Volume \* 1.53 gallons     \*Casing Volume = (Casing Dia.)<sup>2</sup> (0.041)(Well Depth - Water Level)

Well Volumes	Turb. (NTU)	pH	Cond (μS)	Temp (°F)
1		6.63	858	71.2
2		6.56	844	70.7
3		6.63	856	70.0
4		6.58	831	70.1
5	1939	6.70	859	69.7

COMMENTS: Total recovery of water level within 1 min. of bailing.



**LOUIS A. RICHARDSON**  
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Beck Roofing Co.  
 21123 Meekland Ave.  
 Hayward, CA

By: L. Richardson

**WELL NO. MW-3**

**WELL SAMPLING DATA**

<u>DATE</u>	<u>PURGE METHOD</u>	<u>SAMPLING METHOD</u>	<u>SAMPLE TYPE</u>	<u>FREE PRODUCT</u>
7/16/93	Bailer	Bailer	Grab	No

WELL DATA

Well Depth, ft. 38.0  
 Water Depth, ft. 28.63  
 Casing Dia., in. 2.0  
 1 Casing Volume \* 1.54 gallons      \*Casing Volume = (Casing Dia.)<sup>2</sup> (0.041)(Well Depth - Water Level)

Well Volumes	Turb. (NTU)	pH	Cond (μS)	Temp (°F)
1		7.94	799	77.7
2		7.34	871	71.7
3		7.14	864	69.7
4		6.91	856	70.9
5	175.8	6.80	848	70.9

COMMENTS: Total recovery of water level within 1 min. of bailing.

ATTACHMENT B

CERTIFIED LABORATORY REPORTS  
AND SAMPLE CHAIN-OF-CUSTODY



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

NET Pacific, Inc.  
435 Tesconi Circle  
Santa Rosa, CA 95401  
Tel: (707) 526-7200  
Fax: (707) 526-9623

Paul Dzakowic  
D & D Management Cons., Inc  
PO Box 23040  
San Jose, CA 95153

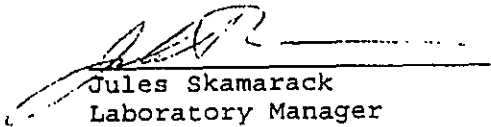
Date: 08/04/1993  
NET Client Acct. No: 77700  
NET Pacific Job No: 93.03109  
Received: 07/20/1993

Client Reference Information

Beck Roofing

Sample analysis in support of the project referenced above has been completed and results are presented on following pages. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Should you have questions regarding procedures or results, please feel welcome to contact Client Services.

Approved by:

  
Jules Skamarack  
Laboratory Manager

Enclosure(s)



Client Acct: 77700  
Client Name: D & D Management Cons., Inc  
NET Job No: 93.03109

Date: 08/04/1993  
ELAP Certificate: 1386  
Page: 34

Ref: Beck Roofing

SAMPLE DESCRIPTION: MW-1 @ 28.6  
Date Taken: 07/16/1993  
Time Taken: 13:00  
NET Sample No: 168765

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
Lead (GFAA)	0.012		0.002	mg/L	EPA 7421	07/23/1993	07/29/1993
TPH (Gas/BTEX, Liquid)							
METHOD 5030/M8015	--						07/23/1993
DILUTION FACTOR*	1						07/23/1993
as Gasoline	ND		0.05	mg/L	5030		07/23/1993
METHOD 8020 (GC, Liquid)	--						07/23/1993
DILUTION FACTOR*	1						07/23/1993
Benzene	ND		0.5	ug/L	8020		07/23/1993
Toluene	ND		0.5	ug/L	8020		07/23/1993
Ethylbenzene	ND		0.5	ug/L	8020		07/23/1993
Xylenes (Total)	ND		0.5	ug/L	8020		07/23/1993
Bromofluorobenzene (SURR)	93			% Rec.	5030		07/23/1993





Client Acct: 77700  
Client Name: D & D Management Cons., Inc  
NET Job No: 93.03109

Date: 08/04/1993  
ELAP Certificate: 1386  
Page: 35

Ref: Beck Roofing

SAMPLE DESCRIPTION: MW-2 @ 28.65

Date Taken: 07/16/1993

Time Taken: 13:35

NET Sample No: 168766

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
Lead (GFAA)	0.011		0.002	mg/L	EPA 7421	07/22/1993	07/29/1993
TPH (Gas/BTXE, Liquid)							
METHOD 5030/M8015	--						07/23/1993
DILUTION FACTOR*	1						07/23/1993
as Gasoline	ND		0.05	mg/L	5030		07/23/1993
METHOD 8020 (GC, Liquid)	--						07/23/1993
DILUTION FACTOR*	1						07/23/1993
Benzene	2.0		0.5	ug/L	8020		07/23/1993
Toluene	ND		0.5	ug/L	8020		07/23/1993
Ethylbenzene	ND		0.5	ug/L	8020		07/23/1993
Xylenes (Total)	ND		0.5	ug/L	8020		07/23/1993
Bromofluorobenzene (SURR)	95			% Rec.	5030		07/23/1993



Client Acct: 77700  
Client Name: D & D Management Cons., Inc  
NET Job No: 93.03109

Date: 08/04/1993  
ELAP Certificate: 1386  
Page: 36

Ref: Beck Roofing

SAMPLE DESCRIPTION: MW-3 @ 28.63

Date Taken: 07/16/1993

Time Taken: 12:10

NET Sample No: 168767

Parameter	Results	Flags	Reporting Limit	Units	Method	Date Extracted	Date Analyzed
Lead (GFAA)	ND		0.002	mg/L	EPA 7421	07/22/1993	07/29/1993
TPH (Gas/BTXE, Liquid)							
METHOD 5030/M8015	--						07/26/1993
DILUTION FACTOR*	10						07/26/1993
as Gasoline	7.9		0.05	mg/L	5030		07/26/1993
METHOD 8020 (GC, Liquid)	--						07/26/1993
DILUTION FACTOR*	10						07/26/1993
Benzene	1,500		0.5	ug/L	8020		07/26/1993
Toluene	11		0.5	ug/L	8020		07/26/1993
Ethylbenzene	340		0.5	ug/L	8020		07/26/1993
Xylenes (Total)	840		0.5	ug/L	8020		07/26/1993
Bromofluorobenzene (SURR)	103			% Rec.	5030		07/26/1993



Client Acct: 77700  
 Client Name: D & D Management Cons., Inc  
 NET Job No: 03.03109

Date: 08/04/1993  
 WAF Certificate: 1398  
 Page: 10

Ref: Beck Roofing

QUALITY CONTROL DATA

Parameter	Reporting Limits	Units	Cal Verif		Duplicate		RPD
			Stand % Recovery	Blank Data	Spike % Recovery	Spike % Recovery	
Gasoline	0.05	mg/L	105.0	ND	110.0	111.9	0.9
Benzene	0.5	ug/L	94.0	ND	95.5	97.9	1.4
Toluene	0.5	ug/L	93.0	ND	103.8	109.9	5.7
Gasoline	0.05	mg/L	108.0	ND	104.0	107.0	1.5
Benzene	0.5	ug/L	106.2	ND	98.9	100.9	1.9
Toluene	0.5	ug/L	96.4	ND	101.0	102.0	1.0
Gasoline	0.05	mg/L	104.0	ND	114.0	118.0	3.4
Benzene	0.5	ug/L	97.2	ND	102.2	104.4	2.2
Toluene	0.5	ug/L	111.2	ND	102.7	105.4	2.7
Gasoline	0.05	mg/L	104.0	ND	115.0	115.0	0.0
Benzene	0.5	ug/L	91.2	ND	115.0	115.0	0.0
Toluene	0.5	ug/L	95.0	ND	111.0	114.9	3.9
Gasoline	0.05	mg/L	99.2	ND	106.4	105.7	1.7
Benzene	0.5	ug/L	90.6	ND	104.3	103.0	1.3
Toluene	0.5	ug/L	94.4	ND	104.3	102.6	1.7
Gasoline	1.0	mg/kg	101.4	ND	91.0	98.0	3.4
Benzene	2.5	ug/kg	104.8	ND	100.0	104.7	4.6
Toluene	2.5	ug/kg	104.4	ND	97.3	97.9	0.6
Gasoline	1.0	mg/kg	101.0	ND	84.6	85.4	0.9
Benzene	2.5	ug/kg	100.0	ND	93.9	94.6	0.7
Toluene	2.5	ug/kg	90.4	ND	94.1	94.8	0.7
Gasoline	1.0	mg/kg	105.8	ND	88.8	99.4	11.2
Benzene	2.5	ug/kg	96.4	ND	95.2	101.4	6.2
Toluene	2.5	ug/kg	100.0	ND	97.2	101.4	4.1
Gasoline	1.0	mg/kg	109.2	ND	104.6	104.2	0.4
Benzene	2.5	ug/kg	106.0	ND	96.0	97.3	1.3
Toluene	2.5	ug/kg	98.8	ND	97.5	97.5	0.0
Gasoline	1.0	mg/kg	100.0	ND	88.8	100.4	12.2
Benzene	2.5	ug/kg	106.8	ND	91.7	97.7	6.3
Toluene	2.5	ug/kg	103.2	ND	102.0	108.9	6.5
Gasoline	1.0	mg/kg	100.0	ND	92.8	89.6	3.5
Benzene	2.5	ug/kg	107.6	ND	107.0	102.3	4.5
Toluene	2.5	ug/kg	107.2	ND	112.8	109.8	2.7

COMMENT: Blank Results were ND on other analytes tested.

Lead	0.2	mg/kg	95.7	ND	95.0	106.0	10.6
Lead	0.002	mg/L	96.4	ND	98.4	98.8	0.4



KEY TO ABBREVIATIONS and METHOD REFERENCES

- < : Less than; When appearing in results column indicates analyte not detected at the value following. This datum supercedes the listed Reporting Limit.
- \* : Reporting Limits are a function of the dilution factor for any given sample. To obtain the actual reporting limits for this sample, multiply the stated Reporting Limits by the dilution factor (but do not multiply reported values).
- ICVS : Initial Calibration Verification Standard (External Standard).
- mean : Average; sum of measurements divided by number of measurements.
- mg/Kg (ppm) : Concentration in units of milligrams of analyte per kilogram of sample, wet-weight basis (parts per million).
- mg/L : Concentration in units of milligrams of analyte per liter of sample.
- mL/L/hr : Milliliters per liter per hour.
- MPN/100 mL : Most probable number of bacteria per one hundred milliliters of sample.
- N/A : Not applicable.
- NA : Not analyzed.
- ND : Not detected; the analyte concentration is less than the applicable listed reporting limit.
- NTU : Nephelometric turbidity units.
- RPD : Relative percent difference,  $100 \text{ [Value 1 - Value 2] / mean value}$ .
- SNA : Standard not available.
- ug/Kg (ppb) : Concentration in units of micrograms of analyte per kilogram of sample, wet-weight basis (parts per billion).
- ug/L : Concentration in units of micrograms of analyte per liter of sample.
- umhos/cm : Micromhos per centimeter.

Method References

Methods 100 through 493: see "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, Rev. 1983.

Methods 601 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants" U.S. EPA, 40 CFR, Part 136, Rev. 1988.

Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd edition, 1986., Rev. 1, December 1987.

SM: see "Standard Methods for the Examination of Water & Wastewater, 17th Edition, APHA, 1989.

1100356

# CHAIN OF CUSTODY RECORD

Page 3 of 4

PROJECT NO.		SITE NAME & ADDRESS					ANALYSES REQUESTED						REMARKS
1100356		Beck Roofing					TPH (Gasoline) S B, T, X, & E	TPH (Diesel) & B, T, X, & E	Total Oil & Grease	Halogenated HCs	P, T, X & E	Heavy Metals T, P, A, C, S, M, Ni	
WITNESSING AGENCY / INSPECTOR NAME (DATE)													
ID#	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
1100356	7/16/93	1025	X		B-18 @ 8'	X					X	10 DAY Turnaround	
		1045	X		B-18 @ 15'	X					X		
		1100	X		B-18 @ 23'	X					X		
		1130	X		B-18 @ 24'	X					X		
		1130	X		B-18 @ 26'	X					X		
		1130	X		B-18 @ 23'	X					X		
	7/15/93	1155	X		B-14 @ 28.5'	X					X		* 230 ml number of for Pb received broken Sample partially frozen I.D. # 17 @ 28.5' A-L 7/20/93 OK to use 1 vial for T-Pb to S-Long 7/20/93
	7/15/93	345pm	X		B-16 @ 29'	X					X		
	7/16/93	940	X		B-17 @ 23.5'	X					X		
	7/16/93	1145	X		B-18 @ 23.5'	X					X		
	7/16/93	1000am	X		MU-1 @ 23.6'	X					X		
	7/19/93	1400											
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		The following MUST BE completed by the decorator for analysis: 1. Have all samples received for analysis been... <u>yes</u> 2. Will samples remain refrigerated until analyzed? <u>yes</u> 3. Did any samples received for analysis have head space? <u>NO</u> 4. Were samples in appropriate containers? <u>yes</u> Support Tech 720-93							
Relinquished by: (Signature)		Date/Time		Received by: (Signature)									
Relinquished by: (Signature)		Date/Time		Received by: (Signature)									
Relinquished by: (Signature)		Date/Time		Received by: (Signature)									



11003:7

CHAIN OF CUSTODY RECORD

4733

D & D Management Consultants, Inc  
 P. O. Box 23040  
 San Jose, CA 95153

Page 4 of 5

PROJECT NO.		SITE NAME & ADDRESS				ANALYSES REQUESTED						REMARKS
		Beek Roofing				TPH (Gasoline) & B, T, X, & E	TPH (Diesel) & B, T, X, & E	Total Oil & Grease	Halogenated HCs	P, T, X & E	Heavy Metals	
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION							
	7/19/93	1:35		X	MW-2 @ 28.65'	X					X	
	7/19/93	12:00		X	MW-3 @ 28.65'	X					X	
Requested by: <i>[Signature]</i> Date/Time: 7/19/93 1400						Received by: <i>[Signature]</i>						The following MUST BE completed by the laboratory receiving samples for analysis: 1. Have all samples received in marked bear containers? <u>yes</u> 2. Will samples remain refrigerated until analyzed? <u>yes</u> 3. Did any samples received for analysis have headspace? <u>No</u> 4. Were all test samples at 4°C or below? <u>yes</u> 5. <u>Lanaya Lopez</u> Support Tech 7-20-93
Requested by: <i>[Signature]</i> Date/Time: 7/19 1700						Received by: <i>[Signature]</i>						
Requested by: <i>[Signature]</i> Date/Time:						Received by: <i>[Signature]</i>						
Requested by: <i>[Signature]</i> Date/Time:						Received by: <i>[Signature]</i>						

10 DAY Turn Around

via NES Courier  
 4-Lopez  
 (CUSTODY SEALED 7/29)  
 @ 1700  
 seals intact AL.

**D & D Management Consultants, Inc.**

P.O. Box 23040  
San Jose, CA 95153  
(408) 683-4254  
AX (408) 683-2359

August 23, 1993

Beck Roofing Company  
21123 Meekland Avenue  
Hayward, CA

Attention: Ms. Mary Beck

Subject: Soil borings and sampling

Dear Ms. Beck:

In accordance with your request we have completed 16 soil borings, including soil and groundwater sampling. Attached for your review and use are the following documents:

- \* Transmitted letter from our engineering geologist.
- \* Site plan indicating the location of the soil borings and the related TPH - Gasoline in the soil at 24' below grade.
- \* Boring logs.
- \* Laboratory analysis results of soil and groundwater grab samples.

If we can be of any further assistance please advise.

Very Truly Yours,

---

Paul T. Dzakowic  
President

PTD:cmd