

LEVINE•FRICKE

**FACSIMILE COVER SHEET**

<b>Date</b>	4-20-92	
<b>Time</b>	11:20	
<b>Deliver to</b>	Susan Hugo	
<b>Name of Firm</b>	Alameda County	
<b>Fax Phone No.</b>	569-4757	<b>L•F Project No.</b> 164908
<b>From</b>	M. Stoll	

**NUMBER OF PAGES:** This cover page plus \_\_\_\_\_ page(s)

For voice contact call: (510) 652-4500

For return Facsimile message: (510) 652-2246

**Telecopy Operator:** \_\_\_\_\_

Any questions or inquiries about missing pages or unreadable copy, please call (510)652-4500

**Remarks** \_\_\_\_\_ Area beneath tank B/C will be excavated to G-W prior  
 Susan <sup>to backfilling.</sup> We will be backfilling w/import  
 clean quarry fill. Excavation will be pumped by  
 H&H prior to backfilling. Please call or page  
 me upon review - The lab will send  
 water results to you today. Mike Stoll  
 pages.

716-0883

1900 POWELL STREET, 12TH FLOOR  
 EMERYVILLE, CA 94608  
 (510) 652-4500

Other offices in Irvine, CA; Sacramento/Roseville, CA; Tallahassee, FL; and Honolulu, HI

Bashind

1649.08

4-13-92

Sample Results

	B015		S520 E,F		B010	B011	B	T	E	X
	diesel	oil	oil + 6	hydrocarbons		gas				
AEW-1-W-9	<1	LS	NA	NA	NA	<0.2	ND			
AEW-2-S-9	2	LS	NA	NA	NA	<0.2	ND			
AEW-3-S-9	<1	LS	NA	NA	NA	<0.2	ND			
B/CEB-4-W-8	<1	LS	20	<10	ND	<0.2	ND			
<del>B/CEB-5-W-8</del>	<1	<del>LS</del>	<del>20</del>	<del>&lt;10</del>	ND	<0.2	ND			8-70
DEW-6-W-9	2	LS	NA	NA	NA	<0.2	ND			
DEW-7-S-9	<1	LS	NA	NA	NA	<0.2	ND			
DEW-8-E-9	<1	LS	NA	NA	NA	<0.2	ND			
P-1-LS	8	86	70	50	ND	<0.2	ND			8-77

	Cd	Cr	Mn	Pb	Zn	
AEW-1				8		A
-2				8		
-3				11		
-4	0.4	46	41		45	B
-5	ND	34	17	9	30	D
-6				11		
-7						
-8				9		
P-1-LS	0.3	47	34	8	30	

\* Metals in mg/kg

STOCKPILE

	B	T	E	Gas	Diesel	oil
SP1	ND	0.009	ND	0.036	1.0	NO/10
SP2		0.018		0.107	2.4	
SP3		0.012		0.092	1.1	NO/10
SP4		0.013		0.047	ND	NO/10

William stated Ransome backfill criteria to be:

500 mg/kg Oil + 6

10% TPif - here!

10 mg/kg - Gasoline ← ok on this to be 500

ND - BTKL (0.005 mg/kg)

(FORMERLY MED-TOX)

Quanteq Laboratories  
An Evidence Center

# RUSH

FAX TRANSMISSION COVER

QUANTEQ LABORATORIES  
3440 VINCENT ROAD  
PLEASANT HILL, CA 94523

FAX NO: (510) 930-0256  
PHONE NO: (510) 930-9090

DATE: 4/10/92 # OF PAGES (Including cover) 6

REPLY REQUESTED:  NO  YES URGENT  FAX REPLY  
(circle request) PHONE REPLY  FYI

TO: ~~XXXXXXXXXXXXXXXXXXXX~~  
Levine Trucke

FROM: Denise Harrington

QUANTEQ PROJ. NO: 9204054  
CLIENT PROJ. ID: 1649.08

FINAL RESULTS  
 PARTIAL RESULTS *Rest of results!*  
 PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# ALL ND

# RUSH

PAGE 6  
RECEIVED: 04/07/92

QUANTEQ  
TPHBT RESULTS BY FRACTION

ORD # 92-04-054-OR

DASH 03A SAMPLE ID AEV-3-S-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GCFID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	<u>          </u> (5)
Toluene	108-88-3	<u>          </u>	<u>          </u> (5)
Ethylbenzene	100-41-4	<u>          </u>	<u>          </u> (5)
Xylenes, Total	1330-20-7	<u>          </u>	<u>          </u> (5)

PURGEABLE HYDROCARBONS:

as Gasoline            ND            (0.2 mg/kg)

DATE ANALYZED:           04/07/92          

DILUTION FACTOR:           1          

INSTRUMENT:           H

PAGE 9  
RECEIVED: 04/07/92

QUANTEQ  
TPHITS RESULTS BY FRACTION

ORD # 92-04-054-OR

DASH 06A SAMPLE ID DEV-6-W-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>N/D</u>	<u>      </u> (5)
Toluene	108-88-3	<u>      </u>	<u>      </u> (5)
Ethylbenzene	100-41-4	<u>      </u>	<u>      </u> (5)
Xylenes, Total	1330-20-7	<u>      </u>	<u>      </u> (5)

PURGEABLE HYDROCARBONS:

as Gasoline        N/D        (0.2 mg/kg)

DATE ANALYZED: 04/09/92  
DILUTION FACTOR: 1  
INSTRUMENT: H

PAGE 10  
RECEIVED: 04/07/92

QUANTED  
TPH/TTS RESULTS BY FRACTION

ORD # 92-04-054-OR

DASH 07A SAMPLE ID DEM-7-S-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	(5)
Toluene	108-88-3	<u>ND</u>	(5)
Ethylbenzene	100-41-4	<u>ND</u>	(5)
Xylenes, Total	1330-20-7	<u>ND</u>	(5)

PURGEABLE HYDROCARBONS:

as Gasoline ND (0.2 mg/kg)

DATE ANALYZED: 04/09/92

DILUTION FACTOR: 1

INSTRUMENT: H

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RECEIVED: 04/07/92

QUANTEC DATA SHEET  
TPHETS RESULTS BY FRACTION

ORD # 92-04-064-OR

DASH QBA SAMPLE ID DEW-8-E-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	(5)
Toluene	108-88-3	<u>ND</u>	(5)
Ethylbenzene	100-41-4	<u>ND</u>	(5)
Xylenes, Total	1330-20-7	<u>ND</u>	(5)

PURGEABLE HYDROCARBONS:

as Gasoline ND (0.2 mg/kg)

DATE ANALYZED: 04/09/92.

DILUTION FACTOR: 1

INSTRUMENT: H

R-4, S-A

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9204654

Project No.: 1649.08		Field Logbook No.:		Date: 4/7/92		Serial No.: 9015								
Project Name: Bushland Site				Project Location: Emeryville, CA										
Sampler (Signature): <i>Michael Stoll</i>				Samplers: MJS										
SAMPLES					ANALYSES							REMARKS		
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	TOTAL LEAD	LEAD	TPH-6	TPH-D	BTAE	0+6 (S20)		METALS	RUSH
AEW-1-W-9	4/7/92		01A	1	SOIL	X		X	X	X			X	Total Lead by AA
AEW-2-S-9			02A	1		X		X	X	X			X	CLHC - Chlorinated Hydrocarbons S20
AEW-3-S-9			03A	1		X		X	X	X			X	TPH 6 - TPHs (gasoline)
ALER-4-W-8			04A	1		X	X	X	X	X	X	X	X	TPH-D - TPHs Diesel
NLER-5-E-8			05A	1			X	X	X	X	X	X	X	BTAE - B20
DEW-6-W-9			06A	1		X		X	X	X			X	0+6 - 01+6 S20 DNF
DEW-7-S-9			07A	1		X		X	X	X			X	Metals - Cd, Cr, Pb, Zn, Ni
DEW-8-E-9			08A	1		X		X	X	X			X	* Will partly request B20
P-1-1S	X		09A	1	X	X	X	X	X	X	X	X	X	depending on results requested currently
														48-hr Rush TAT

RELINQUISHED BY: <i>Michael Stoll</i>	DATE: 4/7/92	TIME: 19:00	RECEIVED BY: <i>[Signature]</i>	DATE: 4/07/92	TIME: 19:00
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME
METHOD OF SHIPMENT:	DATE	TIME	LAB COMMENTS:		

Sample Collector: LEVINE-FRICKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4500	Analytical Laboratory: QUANTEQ, Pleasant Hill, CA
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APR 10 '92 14:13 TO 164908-9-5694757 PAGE.008/023 APR 20 '92 15:15 FROM S109309090 PAGE.008

APR 18 '92 14:13 QUANTEQ 234 P05



(FORMERLY MED-TOX)

Quanteq Laboratories  
An Fort Dodge Company

**RUSH**

FAX TRANSMISSION COVER

QUANTEQ LABORATORIES  
3440 VINCENT ROAD  
PLEASANT HILL, CA 94523

FAX NO: (510) 930-0256  
PHONE NO: (510) 930-9090

DATE: 4/9/92 # OF PAGES (Including cover) 4

REPLY REQUESTED: (circle request) NO YES URGENT FAX REPLY  
PHONE REPLY FYI

TO: ~~XXXXXXXXXXXXXXXXXXXX~~  
Levine - Fricke  
FROM: D. Harrington

**RUSH**

QUANTEQ PROJ. NO: 9204054  
CLIENT PROJ. ID: 1649.08

FINAL RESULTS  
 PARTIAL RESULTS Inorganics  
 PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Page 1  
Received: 04/07/92

QUANTEQ

REPORT

Work Order # 92-04-054  
Work Not Complete

04/09/92 14:50:33

REPORT LEVINE-FRICKE  
TO 1900 POWELL ST. 12TH FL.  
EMERYVILLE, CA 94608

PREPARED QUANTEQ Laboratories  
BY 3440 Vincent Road  
Pleasant Hill, CA 94523

ATTEN AMANDA SPENCER

ATTEN Robin Byars  
PHONE (510) 930-9090

CERTIFIED BY

CONTACT SW SM

CLIENT LF5 0003 SAMPLES 9  
COMPANY LEVINE-FRICKE  
FACILITY Emeryville

WORK ID 1649.08  
TAKEN 4/7/92  
TRANS  
TYPE SOIL  
P.O. # 1649.08  
INVOICE under separate cover

SAMPLE IDENTIFICATION

TEST CODES and NAMES used on this workorder

- 01 AEN-1-W-9
- 02 AEN-2-S-9
- 03 AEN-3-S-9
- 04 B/CEB-4-W-9
- 05 B/CEB-5-E-8
- 06 DEW-6-W-9
- 07 DEW-7-S-9
- 08 DEW-8-F-9
- 09 P-1-1.5

- 5520EF O&G/Hydrocarbons-soil IR
- 8010 Halogenated Volatile Org.
- CD SLD Cadmium in soil
- CR SLD Total Chromium in soil
- NI SLD Nickel in soils
- PB Lead
- PB SLD Lead in soils
- TPHBT5 TPH as gas w/BTEX in soil
- TPHEXS TPH as diesel. extraction
- ZN SLD Zinc in soils

Page 2  
Received: 04/07/92

QUANTEQ

REPORT

Work Order # 92-04-054

Results By Test

SAMPLE Sample Id	Test: <u>SS2DEF</u> mg/kg	Test: <u>CD SLD</u> mg/kg	Test: <u>CR SLD</u> mg/kg	Test: <u>NI SLD</u> mg/kg	Test: <u>PB</u> mg/kg
AEN-1-N-9 01					8 mg/kg
AEN-2-S-9 02					8 mg/kg
AEN-3-S-9 03					11 mg/kg
B/CEB-4-W-8 04	no data	0.4	46	41	
B/CEB-5-E-8 05	no data	ND	34	17	
P-1-1.5 09	no data	0.3	47	34	

SAMPLE Sample Id	Test: <u>PB SLD</u> mg/kg	Test: <u>TPHEKS</u> mg/kg	Test: <u>ZN SLD</u> mg/kg
AEN-1-W-9 01		no data	
AEN-2-S-9 02		no data	
AEN-3-S-9 03		no data	
B/CEB-4-W-8 04	10	no data	45
B/CEB-5-E-8 05	9	no data	30
DEW-6-W-9 06	11	no data	
DEW-7-S-9 07	10	no data	
DEW-8-E-9 08	9	no data	
P-1-1.5 09	8	no data	30

*V. clean  
partial  
results*

R-4, S-A

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9204054

Project No.: 1649.08      Field Logbook No.:      Date: 4/7/92      Serial No.: 9015  
 Project Name: Bushland Site      Project Location: Emeryville, CA

Sampler (Signature): *Michael Stoll*      ANALYSES      Samplers: 1035

SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CONTAINERS	SAMPLE TYPE	ANALYSES										REMARKS	
						TELUR	LEAD	TPH-6	TPH-11	BTEX	CO6 (SLOW)	METALS	RUSH	LAB			
AEW-1-W-9	4/7/92		01A	1	SOIL												Total Lead by AA
AEW-2-W-9			02A	1		X	X	X	X								CL HC - Chovate Hydrocarbon 8010
AEW-3-W-9			03A	1		X	X	X	X								TPH-6 - TPH-11 (soils)
MLER-4-W-8			04A	1		X	X	X	X	X	X	X					TPH-11 - TPH-11 (soil)
MLER-5-W-8			05A	1		X	X	X	X	X	X	X					ATAC - 820
DEW-6-W-9			06A	1		X	X	X	X								Co6 - Oil from SS 20 DAF
DEW-7-W-9			07A	1		X	X	X	X								Metals: Cd, Cr, Pb, Zn, Ni
DEW-8-E-9			08A	1		X	X	X	X								
P-1-L5	X		09A	1	X	X	X	X	X	X	X	X					* If possible request 820 depending on result requests currently *
																	48-hr Rush TAT

RELINQUISHED BY: (Signature) *Michael Stoll*      DATE: 4/7/92      TIME: 19:00      RECEIVED BY: (Signature) *[Signature]*      DATE: 4/8/92      TIME: 19:00

METHOD OF SHIPMENT:      DATE:      TIME:      LAB COMMENTS:

Sample Collector: LEVINE-FRICKE  
 1900 Powell Street, 12th Floor  
 Emeryville, Ca 94608  
 (415) 652-4500

Analytical Laboratory: QUANTEG, Pleasant Hill, CA

APR 20 '92 15:17 FROM 060606015

APR 20 '92 15:17 FROM 060606015

APR 09 '92 15:15

QUANTEG

219 P04

(FORMERLY MED-TOX)

Quanteq Laboratories

All Evidence Control

FAX TRANSMISSION COVER

QUANTEQ LABORATORIES  
3440 VINCENT ROAD  
PLEASANT HILL, CA 94523

FAX NO: (510) 930-0256  
PHONE NO: (510) 930-9090

DATE: 4/9/92 # OF PAGES (Including cover) 11

REPLY REQUESTED: (circle request) NO YES URGENT FAX REPLY  
PHONE REPLY FYI

TO: ~~James Still~~  
Levine - Fricks  
FROM: Deise Harrington

**RUSH**

QUANTEQ PROJ. NO: 92-04054  
CLIENT PROJ. ID: 1649.08

FINAL RESULTS  
 PARTIAL RESULTS Partial (organics)  
 PRELIMINARY RESULTS, SUBJECT TO APPROVAL

COMMENTS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

QUANTEQ DATA SHEET

Quanteq Laboratories  
An Ecology Company

QUANTEQ JOB# 9209054

CLIENT PROJ. NO. 1649.08

HYDROCARBONS

Sample Identification Client Id. Lab No.	Extractable Hydrocarbons as Diesel (mg/kg)	Extractable Hydrocarbons as oil (mg/kg)	Oil & Grease (mg/kg)	Hydrocarbons (mg/kg)
<u>AEW-1-2-9 01A</u>	<u>ND</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>AEW-2-5-9 02A</u>	<u>2</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>AEW-3-5-9 03A</u>	<u>ND</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>0208-4-2-8 04A</u>	<u>ND</u>	<u>ND</u>	<u>20</u>	<u>ND</u>
<del>_____</del>	<del>_____</del>	<del>1500</del>	<del>_____</del>	<del>1200</del>
<u>D200-6-2-9 06A</u>	<u>2</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>D200-7-5-9 07A</u>	<u>ND</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>D200-8-2-9 08A</u>	<u>ND</u>	<u>ND</u>	<u>~~~~~</u>	<u>~~~~~</u>
<u>P-1-1-5 09A</u>	<u>8</u>	<u>86</u>	<u>70</u>	<u>50</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
DETECTION LIMIT	<u>1 mg/kg</u>	<u>5 mg/kg</u>	<u>10 mg/kg</u>	<u>10 mg/kg</u>
METHOD	<u>(3550 GC-FID)</u>		<u>5520 E</u>	<u>5520 F</u>
DATE EXTRACTED	<u>4-8-92</u>	<u>4-8-92</u>	<u>4-8-92</u>	<u>4-8-92</u>
DATE ANALYZED	<u>4-8</u>	<u>4-8-92</u>	<u>4-8-92</u>	<u>4-8-92</u>
DILUTION	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
INSTRUMENT	<u>CA</u>	<u>CA</u>	<u>IR</u>	<u>IR</u>

ND - Not Detected

TPH & 5520

PAGE 1 QUANTEQ DATA SHEET ORD # 92-04-054-OR  
RECEIVED: 04/07/92 8010 RESULTS BY FRACTION

DASH 04A SAMPLE ID B/CEB-4-W-8 STORED R-4, S-A  
TEST Halogenated Volatile Org. COLLECTED 04/07/92

DATE ANALYZED: 4/9/92 DILUTION FACTOR: 1  
INSTRUMENT: G

EPA METHOD 8010  
HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default = 5)
Bromodichloromethane	75-27-4	<u>ND</u>	
Bromoform	75-25-2		
Bromomethane	74-83-9		
Carbon Tetrachloride	56-23-5		
Chlorobenzene	108-90-7		
Chloroethane	75-00-3		
2-Chloroethyl Vinyl Ether	110-75-8		
Chloroform	67-66-3		
Chloromethane	74-87-3		
Dibromochloromethane	124-48-1		
1,2-Dichlorobenzene	95-50-1		
1,3-Dichlorobenzene	541-73-1		
1,4-Dichlorobenzene	106-46-7		
Dichlorodifluoromethane	75-71-8		
1,1-Dichloroethane	75-34-3		
1,2-Dichloroethane	107-06-2		
1,1-Dichloroethene	75-35-4		
cis-1,2-Dichloroethane	156-69-9		
trans-1,2-Dichloroethene	156-60-5		
1,2-Dichloropropane	78-87-5		
cis-1,3-Dichloropropene	10061-01-5		
trans-1,3-Dichloropropene	10061-02-6		
Methylene Chloride	75-09-2		
1,1,2,2-Tetrachloroethane	79-34-5		
Tetrachloroethene	127-18-4		
1,1,1-Trichloroethane	71-55-6		
1,1,2-Trichloroethane	79-00-5		
Trichloroethene	79-01-6		
Trichlorofluoromethane	75-69-4		
1,1,2-Trichloro- 1,2,2-trifluoroethane	76-13-1		
Vinyl Chloride	75-01-4		

PAGE 2  
 RECEIVED: 04/07/92

QUANTEQ  
 8010 RESULTS BY FRACTION

DATA SHEET  
 ORD # 92-04-054-OR

DASH 05A SAMPLE ID B/CEB-5-E-8 STORED R-4, 5-A  
 TEST Halogenated Volatile Org. COLLECTED 04/07/92

DATE ANALYZED: 4/9/92 DILUTION FACTOR: 1  
 INSTRUMENT: G

EPA METHOD 8010  
 HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default = 5)
Bromodichloromethane	75-27-4	ND	
Bromoform	75-25-2		
Bromomethane	74-83-9		
Carbon Tetrachloride	56-23-5		
Chlorobenzene	108-90-7		
Chloroethane	75-00-3		
2-Chloroethyl Vinyl Ether	110-75-8		
Chloroform	67-66-3		
Chloromethane	74-87-3		
Dibromochloromethane	124-48-1		
1,2-Dichlorobenzene	95-50-1		
1,3-Dichlorobenzene	541-73-1		
1,4-Dichlorobenzene	106-46-7		
Dichlorodifluoromethane	75-71-8		
1,1-Dichloroethane	75-34-3		
1,2-Dichloroethane	107-06-2		
1,1-Dichloroethene	75-35-4		
cis-1,2-Dichloroethene	156-69-9		
trans-1,2-Dichloroethene	156-60-5		
1,2-Dichloropropane	78-87-5		
cis-1,3-Dichloropropene	10061-01-5		
trans-1,3-Dichloropropene	10061-02-6		
Methylene Chloride	75-09-2		
1,1,2,2-Tetrachloroethane	79-34-5		
Tetrachloroethene	127-18-4		
1,1,1-Trichloroethane	71-55-6		
1,1,2-Trichloroethane	79-00-5		
Trichloroethene	79-01-6		
Trichlorofluoromethane	75-69-4		
1,1,2-Trichloro- 1,2,2-trifluoroethane	76-13-1		
Vinyl Chloride	75-01-4		



PAGE 3  
RECEIVED: 04/07/92

QUANTEQ  
8010 RESULTS BY FRACTION

DATA SHEET  
ORD # 92-04-054-OR

DASH 09A SAMPLE ID P-1-1.5 STORED R-4, S-A  
TEST Halogenated Volatile Org. COLLECTED 04/07/92

DATE ANALYZED: 4/9/92

DILUTION FACTOR: 1

INSTRUMENT: 17

EPA METHOD 8010  
HALOGENATED VOLATILE ORGANICS

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default = 5)
Bromodichloromethane	75-27-4	ND	
Bromoform	75-25-2		
Bromomethane	74-83-9		
Carbon Tetrachloride	56-23-5		
Chlorobenzene	108-90-7		
Chloroethane	75-00-3		
2-Chloroethyl Vinyl Ether	110-75-8		
Chloroform	67-66-3		
Chloromethane	74-87-3		
Dibromochloromethane	124-48-1		
1,2-Dichlorobenzene	95-50-1		
1,3-Dichlorobenzene	541-73-1		
1,4-Dichlorobenzene	106-46-7		
Dichlorodifluoromethane	75-71-8		
1,1-Dichloroethane	75-34-3		
1,2-Dichloroethane	107-06-2		
1,1-Dichloroethene	75-35-4		
cis-1,2-Dichloroethene	156-69-9		
trans-1,2-Dichloroethene	156-60-5		
1,2-Dichloropropane	78-87-5		
cis-1,3-Dichloropropene	10061-01-5		
trans-1,3-Dichloropropene	10061-02-6		
Methylene Chloride	75-09-2		
1,1,2,2-Tetrachloroethane	79-34-5		
Tetrachloroethene	127-18-4		
1,1,1-Trichloroethane	71-55-6		
1,1,2-Trichloroethane	79-00-5		
Trichloroethene	79-01-6		
Trichlorofluoromethane	75-69-4		
1,1,2-Trichloro-			
1,2,2-trifluoroethane	76-13-1		
Vinyl Chloride	75-01-4		

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RECEIVED: 04/07/92

QUANTEQ DATA SHEET  
TPHBT RESULTS BY FRACTION

ORD # 92-04-054-OR

DASH 01A SAMPLE ID AEV-1-W-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	(5)
Toluene	108-88-3	<u> </u>	(5)
Ethylbenzene	100-41-4	<u> </u>	(5)
Xylenes, Total	1330-20-7	<u>√</u>	(5)

PURGEABLE HYDROCARBONS:

as Gasoline ND (0.2 mg/kg)

DATE ANALYZED: 4/9/92

DILUTION FACTOR: 1

INSTRUMENT: H

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RECEIVED: 04/07/92

QUANTED  
TPHETS RESULTS BY FRACTION

DATA SHEET  
ORD # 92-04-054-OR

DASH 02A SAMPLE ID AEW-2-S-9 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	(5)
Toluene	108-88-3	<u> </u>	(5)
Ethylbenzene	100-41-4	<u> </u>	(5)
Xylenes, Total	1330-20-7	<u>√</u>	(5)

PURGEABLE HYDROCARBONS:

as Gasoline ND (0.2 mg/kg)

DATE ANALYZED: 04/09/92  
DILUTION FACTOR: 1  
INSTRUMENT: H

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RECEIVED: 04/07/92QUANTEQ  
TPHBT RESULTS BY FRACTION

DATA SHEET

ORD # 92-04-054-OR

DASH 04A SAMPLE ID B/CEB-4-W-B STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

## BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GCFID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>NO</u>	(5)
Toluene	108-88-3	<u>NO</u>	(5)
Ethylbenzene	100-41-4	<u>NO</u>	(5)
Xylenes, Total	1330-20-7	<u>NO</u>	(5)

## PURGEABLE HYDROCARBONS:

as Gasoline NO (0.2 mg/kg)DATE ANALYZED: 4/9/92DILUTION FACTOR: 1INSTRUMENT: It

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RECEIVED: 04/07/92

QUANTEQ DATA SHEET  
TPH/BS RESULTS BY FRACTION

ORD # 92-04-054-OR

DASH 05A SAMPLE ID B/CEB-5-E-8 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GC/FID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	<u>      </u> (5)
Toluene	108-88-3	<u>      </u>	<u>      </u> (5)
Ethylbenzene	100-41-4	<u>      </u>	<u>      </u> (5)
Xylenes, Total	1330-20-7	<u>      </u>	<u>      </u> (5)

PURGEABLE HYDROCARBONS:

as Gasoline

ND

       (0.2 mg/kg)

DATE ANALYZED: 4/9/92

DILUTION FACTOR: 1

INSTRUMENT: H

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QUANTEQ DATA SHEET  
TPHBT5 RESULTS BY FRACTION

ORD # 92-04-054-0R

DASH 09A SAMPLE ID P-1-1.5 STORED R-4, S-A  
TEST TPH as gas w/BTEX in soil COLLECTED 04/07/92

BTEX AND PURGEABLE HYDROCARBONS

METHOD: EPA 8020, 5030 GCFID

COMPOUND	CAS #	CONCENTRATION (ug/kg)	DETECTION LIMIT (ug/kg) (default)
Benzene	71-43-2	<u>ND</u>	<u>          </u> (5)
Toluene	108-88-3	<u>          </u>	<u>          </u> (5)
Ethylbenzene	100-41-4	<u>          </u>	<u>          </u> (5)
Xylenes, Total	1330-20-7	<u>          </u>	<u>          </u> (5)

PURGEABLE HYDROCARBONS:

as Gasoline           ND                      (0.2 mg/kg)

DATE ANALYZED:           4/9/92            
DILUTION FACTOR:           1            
INSTRUMENT:           H

R-4, S-A

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

9204654

Project No.: 1649.08		Field Logbook No.:		Date: 4/7/92		Serial No.: 9015	
Project Name: Bushland Site				Project Location: Emeryville, CA			
Sampler (Signature): Michael Atoll							
ANALYSES							
Samplers: MJS							
SAMPLES							
SAMPLE NO.	DATE	TIME	LAB SAMPLE NO.	NO. OF CON-TAINERS	SAMPLE TYPE	TESTS	REMARKS
AEW-1-W-9	4/7/92		01A	1	SOIL		Total Lead by AA
AEW-2-S-9			02A	1		X	LLHC - Chlorinated Hydrocarbons SC10
AEW-3-S-9			03A	1		X	TPH-6 - TPH <sub>20</sub> (gasoline)
P/CE-4-W-8			04A	1		X X X X X X X	TPH-12 - TPH <sub>40</sub> Diesel
B/CE-5-E-8			05A	1		X X X X X X X	BLAC - 9020
DEW-6-W-9			06A	1		X	0+6 - Oil Trace SS20 DAF
DEW-7-S-9			07A	1		X	Metals: Cd, Cr, Pb, Zn, Ni
DEW-8-E-9			08A	1		X	
F-1-15	X		09A	1		X X X X X X X	* Will possibly request B270 depending on results currently *
req 4/15/92						48-hr Rush TAT	
RELINQUISHED BY: (Signature) Michael Atoll		DATE: 4/7/92	TIME: 19:00	RECEIVED BY: (Signature) [Signature]		DATE: 4/08/92	TIME: 19:00
RELINQUISHED BY: (Signature)		DATE:	TIME:	RECEIVED BY: (Signature)		DATE:	TIME:
RELINQUISHED BY: (Signature)		DATE:	TIME:	RECEIVED BY: (Signature)		DATE:	TIME:
METHOD OF SHIPMENT:		DATE:	TIME:	LAB COMMENTS:			
Sample Collector: LEVINE-FRITCKE 1900 Powell Street, 12th Floor Emeryville, Ca 94608 (415) 652-4800				Analytical Laboratory: QUANTEC, Pleasant Hill, CA			