

# Environmental Resource Group

151 Golden Hind Passage  
Corte Madera, CA 94925  
(415) 924-6261  
(415) 924-5517 FAX

## FAX COVER SHEET

To: Brian Oliva

FROM: Ben Wells

DATE: 2/6/96

RE: MLK a.w.

Number of pages 16 including cover sheet

Comments: Final Results for Soil & water 3: 30 P<sup>11</sup>

If you experience a problem with this transmission please call the numbers listed below.

FAX#: 415-924-5517

FEB-06-96 TUE 14:11

AEN CALIFORNIA

FAX NO. 5109300258

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## ENV. RESOURCE GROUP

SAMPLE ID: SB-1  
 AEN LAB NO: 9601344-01  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5 ug/kg		01/30/96
Toluene	108-88-3	ND	5 ug/kg		01/30/96
Ethylbenzene	100-41-4	ND	5 ug/kg		01/30/96
Xylenes, Total	1330-20-7	ND	5 ug/kg		01/30/96
Purgeable HCs as Gasoline	5030/GCFID	ND	0.2 mg/kg		01/30/96
#Extraction for TPH	EPA 3550	-		Extrn Date	01/26/96
TPH as Diesel	GC-FID	ND	1 mg/kg		01/29/96
#Digestion. Metals AA/ICP	EPA 3050	-		Prep Date	02/01/96
Lead	EPA 6010	7 *	1 mg/kg		02/04/96

ND - Not detected at or above the reporting limit

\* - Value at or above reporting limit

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ENV. RESOURCE GROUP

SAMPLE ID: SB-2  
AEN LAB NO: 9601344-02  
AEN WORK ORDER: 9601344  
CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
DATE RECEIVED: 01/26/96  
REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND		5 ug/kg	01/30/96
Toluene	108-88-3	ND		5 ug/kg	01/30/96
Ethylbenzene	100-41-4	ND		5 ug/kg	01/30/96
Xylenes, Total	1330-20-7	ND		5 ug/kg	01/30/96
Purgeable HCs as Gasoline	5030/GCFID	ND		0.2 mg/kg	01/30/96
#Extraction for TPH	EPA 3550	-		Extrn Date	01/26/96
TPH as Diesel	GC-FID	ND		1 mg/kg	01/29/96

ND = Not detected at or above the reporting limit  
\* = Value at or above reporting limit

02/06/1996 16:34 4159245517  
FEB-06-96 TUE 14:12 AEN CALIFORNIA

ENVIRONMENTAL RESOURCE  
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ENV. RESOURCE GROUP

SAMPLE ID: SB-3  
AEN LAB NO: 9601344-03  
AEN WORK ORDER: 9601344  
CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
DATE RECEIVED: 01/26/96  
REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND		5 ug/kg	01/30/96
Toluene	108-88-3	ND		5 ug/kg	01/30/96
Ethylbenzene	100-41-4	0.032 *		5 ug/kg	01/30/96
Xylenes, Total	1330-20-7	0.110 *		5 ug/kg	01/30/96
Purgeable HCs as Gasoline	5030/GCFID	0.037 *		0.2 mg/kg	01/31/96
#Extraction for TPH	EPA 3550	-		Extrn Date	01/26/96
TPH as Diesel	GC-FID	43 *		1 mg/kg	01/29/96

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## ENV. RESOURCE GROUP

SAMPLE ID: SB-4  
 AEN LAB NO: 9601344-04  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	140 *	30 ug/kg		01/30/96
Toluene	108-88-3	490 *	30 ug/kg		01/30/96
Ethylbenzene	100-41-4	830 *	30 ug/kg		01/30/96
Xylenes, Total	1330-20-7	1000 *	30 ug/kg		01/30/96
Purgeable HCs as Gasoline	5030/GCFID	21 *	1 mg/kg		01/31/96
#Extraction for TPH	EPA 3550	-		Extrn Date	01/26/96
TPH as Diesel	GC-FID	20 *	1 mg/kg		01/29/96
#Digestion. Metals AA/ICP	EPA 3050	-		Prep Date	02/01/96
Lead	EPA 6010	25 *	1 mg/kg		02/04/96

ND - Not detected at or above the reporting limit

\* = Value at or above reporting limit

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## ENV. RESOURCE GROUP

SAMPLE ID: SB-6  
 AEN LAB NO: 9601344-06  
 AEN WORK ORDER: 9601344  
 CLIFNT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
<b>BTEX &amp; Gasoline HCs</b>					
	<b>EPA 8020</b>				
Benzene	71-43-2	7.2 *	5 ug/kg		01/30/96
Toluene	108-88-3	18 *	5 ug/kg		01/30/96
Ethylbenzene	100-41-4	35 *	5 ug/kg		01/30/96
Xylenes, Total	1330-20-7	38 *	5 ug/kg		01/30/96
Purgeable HCs as Gasoline	5030/GCFID	1.7 *	0.2 mg/kg		01/31/96
#Extraction for TPH	EPA 3550	-		Extrn Date	02/01/96
TPH as Diesel	GC-FID	8 *	1 mg/kg		02/02/96

ND = Not detected at or above the reporting limit  
 \* = Value at or above reporting limit

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## ENV. RESOURCE GROUP

SAMPLE ID: SB-5  
 AEN LAB NO: 9601344-05  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	5 ug/kg		01/30/96
Toluene	108-88-3	ND	5 ug/kg		01/30/96
Ethylbenzene	100-41-4	ND	5 ug/kg		01/30/96
Xylenes, Total	1330-20-7	ND	5 ug/kg		01/30/96
Purgeable HCs as Gasoline	5030/GCFID	ND	0.2 mg/kg		01/30/96
#Extraction for TPH	EPA 3650	-		Extrn Date	02/01/96
TPH as Diesel	GC-FID	6 *	1 mg/kg		02/02/96

ND = Not detected at or above the reporting limit

\* = Value at or above reporting limit

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## ENV. RESOURCE GROUP

SAMPLE ID: SB-8  
 AEN LAB NO: 9601344-08  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND		5 ug/kg	01/30/96
Toluene	108-88-3	ND		5 ug/kg	01/30/96
Ethylbenzene	100-41-4	9.3 *		5 ug/kg	01/30/96
Xylenes, Total	1330-20-7	13 *		5 ug/kg	01/30/96
Purgeable HCs as Gasoline	5030/GCFID	2.5 *		0.2 mg/kg	01/30/96
#Extraction for TPH	EPA 3550	-		Extrn Date	02/01/96
TPH as Diesel	GC-FID	21 *		1 mg/kg	02/02/96

ND = Not detected at or above the reporting limit  
 \* = Value at or above reporting limit



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## ENV. RESOURCE GROUP

SAMPLE ID: SP-2  
 AEN LAB NO: 9601344-11  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
<b>BTEX &amp; Gasoline HCs</b>	<b>EPA 8020</b>				
Benzene	71-43-2	ND	5 ug/kg		01/30/96
Toluene	108-88-3	ND	5 ug/kg		01/30/96
Ethylbenzene	100-41-4	ND	5 ug/kg		01/30/96
Xylenes, Total	1330-20-7	ND	5 ug/kg		01/30/96
Purgeable HCs as Gasoline	5030/GCFID	ND	0.2 mg/kg		01/30/96
<b>#Extraction for TPH</b>	<b>EPA 3550</b>	-		Extrn Date	02/01/96
<b>TPH as Diesel</b>	<b>GC-FID</b>	ND	1 mg/kg		02/02/96
<b>#Digestion, Metals AA/ICP</b>	<b>EPA 3050</b>	-		Prep Date	02/01/96
<b>Lead</b>	<b>EPA 6010</b>	17 *	1 mg/kg		02/04/96

ND = Not detected at or above the reporting limit  
 \* = Value at or above reporting limit

FEB-06-96 TUE 14:16

AEN CALIFORNIA

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## ENV. RESOURCE GROUP

SAMPLE ID: WS-1  
 AEN LAB NO: 9601344-12  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/06/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	0.5	ug/L	02/02/96
Toluene	108-88-3	0.6 *	0.5	ug/L	02/02/96
Ethylbenzene	100-41-4	0.9 *	0.5	ug/L	02/02/96
Xylenes, Total	1330-20-7	4.3 *	2	ug/L	02/02/96
Purgeable HCs as Gasoline	5030/GCFID	0.1 *	0.05	mg/L	02/02/96
#Extraction for TPH	EPA 3510	-		Extrn Date	02/05/96
TPH as Diesel	GC-FID	ND	0.05	mg/L	02/05/96

ND = Not detected at or above the reporting limit  
 \* = Value at or above reporting limit

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## ENV. RESOURCE GROUP

SAMPLE ID: WS-1  
 AEN LAB NO: 9601344-12  
 AEN WORK ORDER: 9601344  
 CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
 DATE RECEIVED: 01/26/96  
 REPORT DATE: 02/05/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
#Extraction for TPH	EPA 3510			Extrn Date	02/05/96
TPH as Diesel	GC-FID		0.05	mg/L	

ND = Not detected at or above the reporting limit  
 \* = Value at or above reporting limit

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ENV. RESOURCE GROUP

SAMPLE ID: WS-2  
AEN LAB NO: 9601344-13  
AEN WORK ORDER: 9601344  
CLIENT PROJ. ID: 1004-95

DATE SAMPLED: 01/25/96  
DATE RECEIVED: 01/26/96  
REPORT DATE: 02/05/96

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
#Extraction for TPH	EPA 3510			Extrn Date	02/05/96
TPH as Diesel	GC-FID		0.05	mg/L	

ND = Not detected at or above the reporting limit  
\* = Value at or above reporting limit

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FAX NO. 5109300256

ALBANY CALIFORNIA

FEB-02-96 FRI 08:44

1. Client: Env. Resource Group  
 Address: 151 Golden Hand Pass, Corte Madera, CA 94925  
 Contact: Ben Wells  
 Alt. Contact: Tan Lim

AMERICAN ENVIRONMENTAL TECHNOLOGY  
 3440 Vincent Road, Pleasant Hill, CA 94523  
 Phone (510) 930-9090  
 FAX (510) 930-0256

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY  
9601344  
 Lab Job Number: \_\_\_\_\_  
 Lab Destination: \_\_\_\_\_  
 Date Samples Shipped: 1/26/96  
 Lab Contact: \_\_\_\_\_  
 Date Results Required: 7 days  
 Date Report Required: \_\_\_\_\_  
 Client Phone No.: 415-924-6261  
 Client FAX No.: 415-924-6517

Address Report To:  
 2 3133 M.L.K. Jr. Way  
Oakland, CA 94612

Send Invoice To:  
 3. Same

Send Report To: 1 or 2 (Circle one)  
3133  
 Client P.O. No.: M.L.K. Jr. Way Client Project ID. No.: 1004-95  
 Sample Team Member(s): Ben Wells

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS			Comments / Hazards
								TPH-g	BTEX	Total Lead	
01A	SB-1		1:20	S		1	8oz	X	X	X	
02A	SB-2		1:30					X	X		
03A	SB-3		1:40					X	X		
04A	SB-4		1:42					X	X	X	
05A	SB-5		1:45					X	X		
06A	SB-6		1:50					X	X		
07A	SB-7		1:55					X	X		
08A	SB-8		2:00					X	X		
09A	SP-1A		5:00					X	X	X	
10A	SP-1B		5:00					X	X	X	
11A	SP-2		5:00					X	X	X	
12AD	WS-1		2:10	W	HCl	4	Van Sam	X	X		
13AD	WS-2		2:30	W	HCl	4	Van Sam	X	X		

Relinquished by: (Signature) <u>Ben Wells</u>	DATE <u>1/26/96</u>	TIME <u>9:30 A.M.</u>	Received by: (Signature) <u>Michael E. Redville</u>	DATE <u>1-26-96</u>	TIME <u>11:40</u>
Relinquished by: (Signature) <u>Michael E. Redville</u>	DATE <u>1-26-96</u>	TIME <u>12:35</u>	Received by: (Signature) <u>Liz A. Pruitt</u>	DATE <u>1-26-96</u>	TIME <u>12:35</u>
Relinquished by: (Signature) _____	DATE _____	TIME _____	Received by: (Signature) _____	DATE _____	TIME _____
Method of Shipment _____			Lab Comments _____		

\*Sample type (Specify): 1) 37mm 0.8 µm MCEF 2) 25mm 0.8 µm MCEF 3) 25mm 0.4 µm polycart. filter  
 4) PVC filter, diam. \_\_\_\_\_ pore size \_\_\_\_\_ 5) Charcoal tube 6) Silica gel tube 7) Water 8) Soil 9) Bulk Sample  
 10) Other \_\_\_\_\_ 11) Other \_\_\_\_\_

Reporting Information

1. Client: ENV. Resource Group  
 Address: 151 Golden Hill Plaza  
 Contact: Ben Wells  
 Alt. Contact: Tan Lin

American Environmental Network  
 3440 Vincent Road, Pleasant Hill, CA 94523  
 Phone (510) 930-9090  
 FAX (510) 930-0256

**AEN**

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 R-5, S1 Page 1 of 1

REQUEST FOR ANALYSIS / CHAIN OF CUSTODY

Lab Job Number: 9601344  
 Lab Destination: \_\_\_\_\_  
 Date Samples Shipped: 1/26/96  
 Lab Contact: \_\_\_\_\_  
 Date Results Required: 7 day  
 Date Report Required: \_\_\_\_\_  
 Client Phone No.: 415-924-6261  
 Client FAX No.: 415-924-6517

Address Report To:  
 2. 3133 M.L.K. Jr. Way  
Oakland, Sug Tong

Send Invoice To:  
 3. Same

Send Report To 1 or 2 (Circle one)

3133  
 Client P.O. No.: M.L.K. Jr. Way Client Project I.D. No.: 1004-95

Sample Team Member(s) Ben Wells

Lab Number	Client Sample Identification	Air Volume	Date/Time Collected	Sample Type*	Pres.	No. of Cont.	Type of Cont.	ANALYSIS			Comments / Hazards
								TPH-9-BTEX	TPH-4	Total Lead	
01A	SB-1		12/26/95	S		1	Bur	X	X	X	
02A	SB-2		1:30					X	X		
03A	SB-3		1:40					X	X		
04A	SB-4		1:42					X	X	X	
05A	SB-5		1:45					X	X		
06A	SB-6		1:50					X	X		
07A	SB-7		1:55					X	X		
08A	SB-8		2:00					X	X		
09A	SP-1A		5:00					X	X	X	
10A	SP-1B		5:00					X	X	X	
11A	SP-2		5:00	↓		↓	↓	X	X	X	
12AD	WS-1		2:10	W	HCl	4	X	X	X		
13AD	WS-2		2:30	W	HCl	4	X	X	X		

Relinquished by: (Signature) <u>Ben Wells</u>	DATE <u>1/26/96</u>	TIME <u>9:30 AM</u>	Received by: (Signature) <u>Michael E. ...</u>	DATE <u>1-26-96</u>	TIME <u>11:40</u>
Relinquished by: (Signature) <u>Michael E. ...</u>	DATE <u>1-26-96</u>	TIME <u>12:35</u>	Received by: (Signature) <u>Lui J. ...</u>	DATE <u>1-26-96</u>	TIME <u>12:35</u>
Relinquished by: (Signature) _____	DATE _____	TIME _____	Received by: (Signature) _____	DATE _____	TIME _____
Method of Shipment _____			Lab Comments: _____		

\*Sample type (Specify): 1) 37mm 0.8 µm MCEf 2) 25mm 0.3 µm MCEf 3) 25mm 0.4 µm polycarb. filter  
 4) PVC filter, diam. \_\_\_\_\_ pore size \_\_\_\_\_ 5) Charcoal tube 6) Silica gel tube 7) Water B) Soil 9) Bulk Sample  
 10) Other \_\_\_\_\_

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02/06/1996 16:34  
 4159245517  
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