

# SCOTT CO.

MECHANICAL CONTRACTORS  
1717 Doolittle Drive  
P.O. Box 5555  
San Leandro, California 94577-0855  
(510) 895-2333

Contractors License No. 184450

## FAX COVER SHEET

DATE: 8-19-96

TO: EVA

COMPANY: ACEH - HMD

FAX NO.: 337-9335

FROM: PAUL FERREIRA EXT #: 385

REFERENCE: MILLER Meats 201/202 2nd St Oak.  
Analytical Results for Removals

NUMBER OF PAGES (including this sheet) 14

COMMENTS: EVA,  
Please review and comment. We want  
to proceed w/ over excav, Rmp/Purge etc. ASAP

PLEASE FEEL FREE TO CALL IF YOU HAVE ANY FURTHER QUESTIONS.

THANK YOU. PAUL *[Signature]*

Paul Ferreira  
Scott Company  
1717 Doolittle Drive  
San Leandro, CA 94577-0655

Subject : 4 soil samples  
Project Name : Miller Meat  
Project Number : 81015-55078-70-7001

Location : 201 2nd Street Oakland

Dear Mr. Ferreira,

Chemical analysis on the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. USEPA protocols for sample storage and preservation were followed.

WEST Laboratory is certified by the State of California (# 1346). If you have any questions regarding procedures or results, please call me at 916-753-9500.

Sincerely,



Joel L. Kiff

**8270 (PNA's)**Sample Name : **SP-1a,b,c,d**Project Name : **Miller Meat**Project Number : **81015-55078-70-7001**Sample Date : **08/06/96**Date Prepared : **08/08/96**Prep. Method : **EPA 3550**Date Analyzed : **08/09/96**Analysis Method : **EPA 8270**Date Received : **08/06/96**Dilution : **1:1**Sample Matrix : **Soil**Lab Number : **15272-01**

Parameter	MRL	Measured Conc.	Units
Naphthalene	0.67	<0.67	mg/Kg
<b>2-Methylnaphthalene</b>	<b>0.67</b>	<b>4.1</b>	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
Dibenzofuran	0.67	<0.67	mg/Kg
<b>Fluorene</b>	<b>0.67</b>	<b>4.1</b>	mg/Kg
<b>Phenanthrene</b>	<b>0.67</b>	<b>3.9</b>	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
Perylene	0.67	<0.67	mg/Kg
Benzo(b)fluoranthene	0.67	<0.67	mg/Kg
Benzo(k)fluoranthene	0.67	<0.67	mg/Kg
Benzo(a)pyrene	0.67	<0.67	mg/Kg
Indeno(1,2,3-c,d)pyrene	0.67	<0.67	mg/Kg
Dibenzo(a,h)anthracene	0.67	<0.67	mg/Kg
Benzo(g,h,i)perylene	0.67	<0.67	mg/Kg
Nitrobenzene-d5		142	% Recovery
2-Fluorobiphenyl		57	% Recovery
Terphenyl-d14		97	% Recovery

MRL = Method Reporting Limit

Conc. = Concentration

E = Concentration exceeded calibration range. See higher dilution for correct value.

Approved By :


  
 \_\_\_\_\_  
 Joel L. Kiff

## 8270 (PNA's)

Sample Name : PF-1a

Project Name : Miller Meat  
Project Number : 81015-55078-70-7001  
Sample Date : 08/06/96  
Date Prepared : 08/08/96  
Prep. Method : EPA 3550Date Analyzed : 08/09/96  
Analysis Method : EPA 8270  
Date Received : 08/06/96  
Dilution : 1:1  
Sample Matrix : Soil  
Lab Number : 15272-02

Parameter	MRL	Measured Conc.	Units
Naphthalene	0.67	<0.67 ✓	mg/Kg
2-Methylnaphthalene	0.67	1.5 ✓	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
Acenaphthene	0.67	0.68	mg/Kg
Dibenzofuran	0.67	0.88	mg/Kg
Fluorene	0.67	5.8 ✓	mg/Kg
Phenanthrene	0.67	4.2 ✓	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
Perylene	0.67	<0.67	mg/Kg
Benzo(b)fluoranthene	0.67	<0.67	mg/Kg
Benzo(k)fluoranthene	0.67	<0.67	mg/Kg
Benzo(a)pyrene	0.67	<0.67	mg/Kg
Indeno(1,2,3-c,d)pyrene	0.67	<0.67	mg/Kg
Dibenzo(a,h)anthracene	0.67	<0.67	mg/Kg
Benzo(g,h,i)perylene	0.67	<0.67	mg/Kg
Nitrobenzene-d5		136	% Recovery
2-Fluorobiphenyl		64	% Recovery
Terphenyl-d14		111	% Recovery

MRL = Method Reporting Limit

Conc. = Concentration

E = Concentration exceeded calibration range. See higher dilution for correct value.

Approved By :

  
Joseph L. Kiff

Sample Log 15272

MTBE (Methyl-t-butyl ether) By EPA Method 8020/602

From : Miller Meat (Proj. # 81015-55078-70-7001)

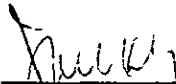
Sampled : 08/06/96

Received : 08/06/96

Matrix : Soil

MTBE	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
SP-1a,b,c,d	(5.0)	<5.0
PF-1a	(5.0)	<5.0
SP-2a,b,c,d	(5.0)	<5.0
PF-2a	(5.0)	<5.0

Approved By:



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Joel Kiff  
Senior Chemist

Sample: SP-1a,b,c,d

From : Miller Meat (Proj. # 81015-55078-70-7001)

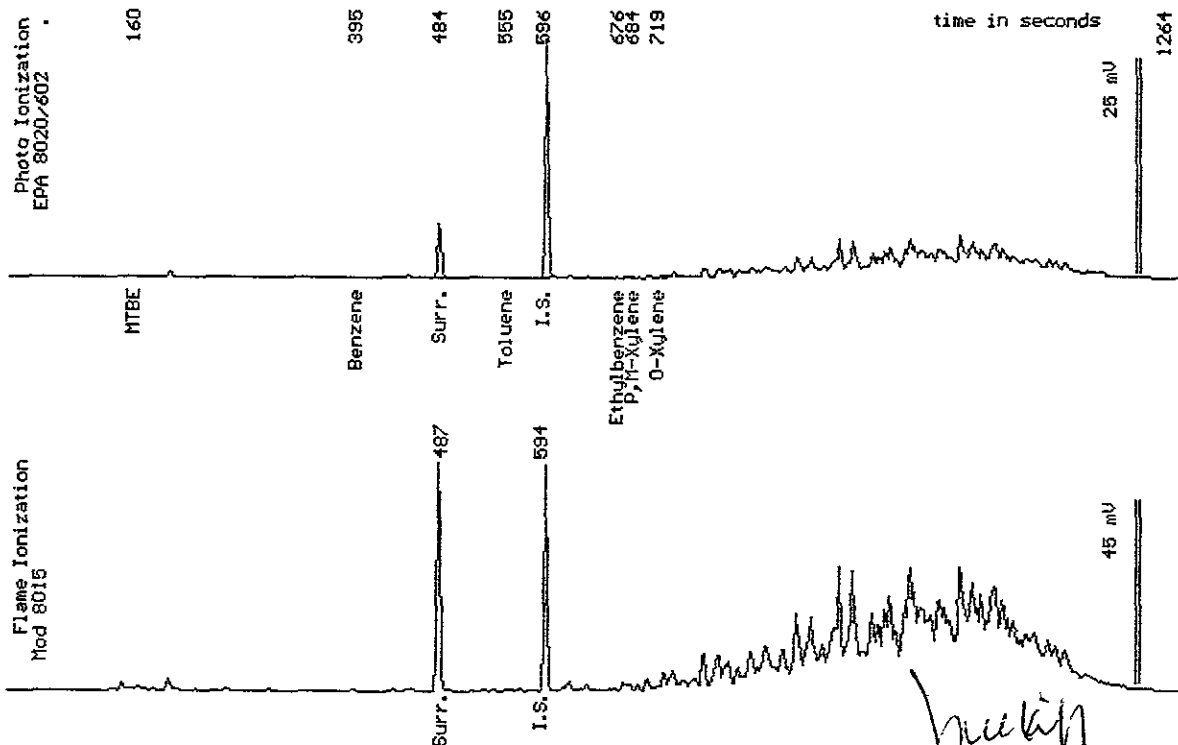
Sampled : 08/06/96

Dilution : 1:100

QC Batch : 2148C

Matrix : Soil

Parameter	(MRL) <small>ng/kg</small>	Measured Value <small>ng/kg</small>
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	<.50
Surrogate Recovery		103 %



Date Analyzed: 08-12-96  
Column : 0.53mm X 60m Restek Rtx-1301

*Joel Kiff*  
Joel Kiff  
Senior Chemist

Sample: PF-1a (Bunker Oil (AST))

From : Miller Meat (Proj. # 81015-55078-70-7001)

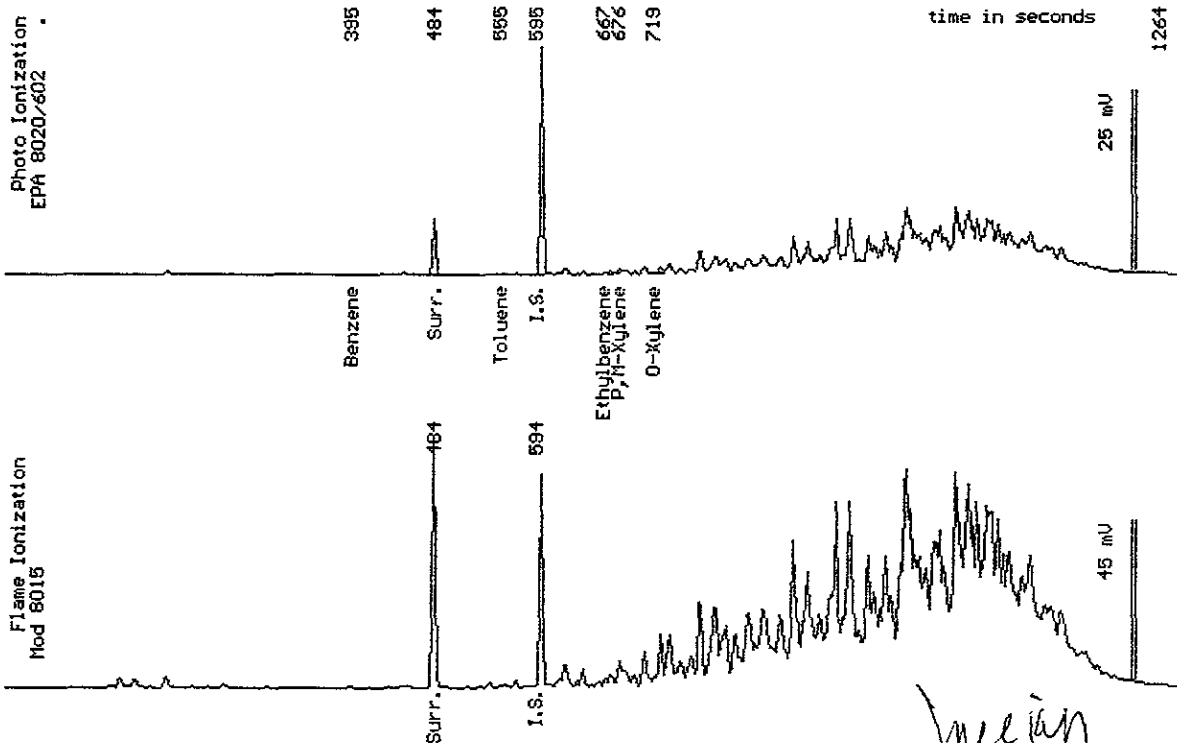
Sampled : 08/06/96

Dilution : 1:100

QC Batch : 2148C

Matrix : Soil

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	<.50
Total Xylenes	(.50)	1.3
Surrogate Recovery		103 %



Date Analyzed: 08-12-96  
Column : 0.53mm X 60m Restek Rtx-1301

Joel Kiff  
Senior Chemist

Sample: SP-2a,b,c,d

From : Miller Meat (Proj. # 81015-55078-70-7001)

Sampled : 08/06/96

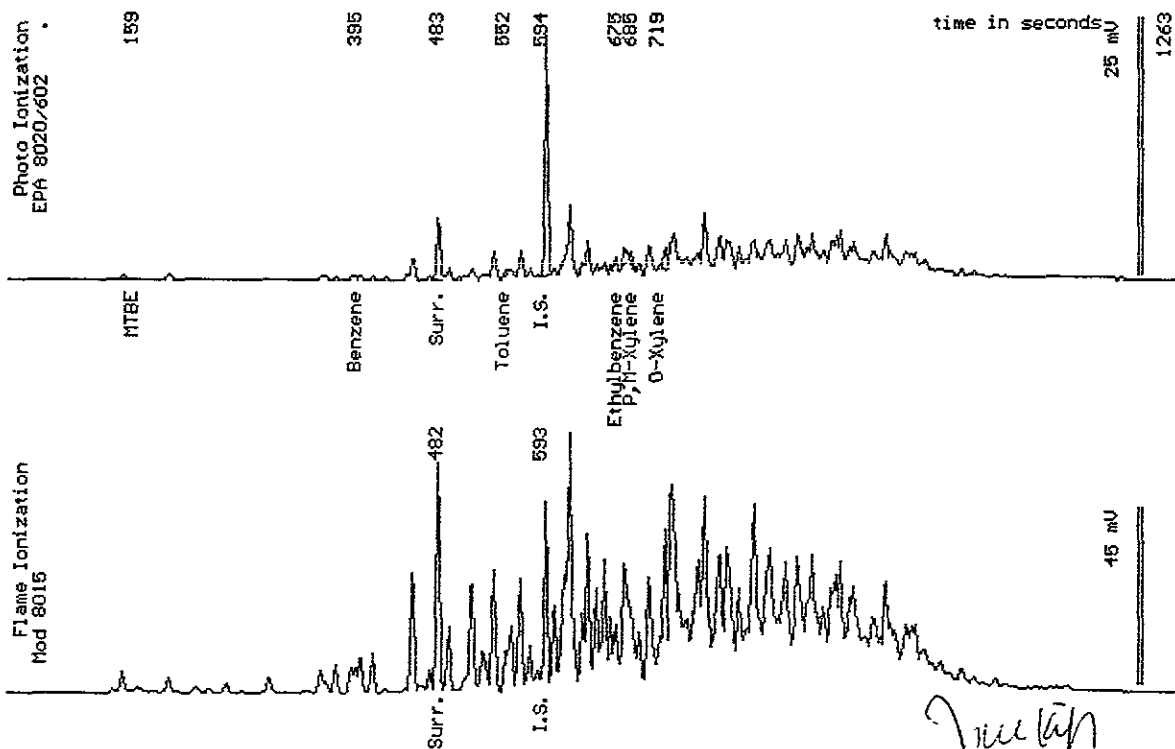
Dilution : 1:100

QC Batch : 2148C

Matrix : Soil

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	2.4
Total Xylenes	(.50)	4.4
TPH as Gasoline	(100)	640 *
Surrogate Recovery		113 %

\* Product is not typical gasoline.



Date Analyzed: 08-12-96  
 Column : 0.53mm X 60m Restek Rtx-1301

*Joel Kiff*  
 Joel Kiff  
 Senior Chemist



Sample: PF-2a

From : Miller Meat (Proj. # 81015-55078-70-7001)

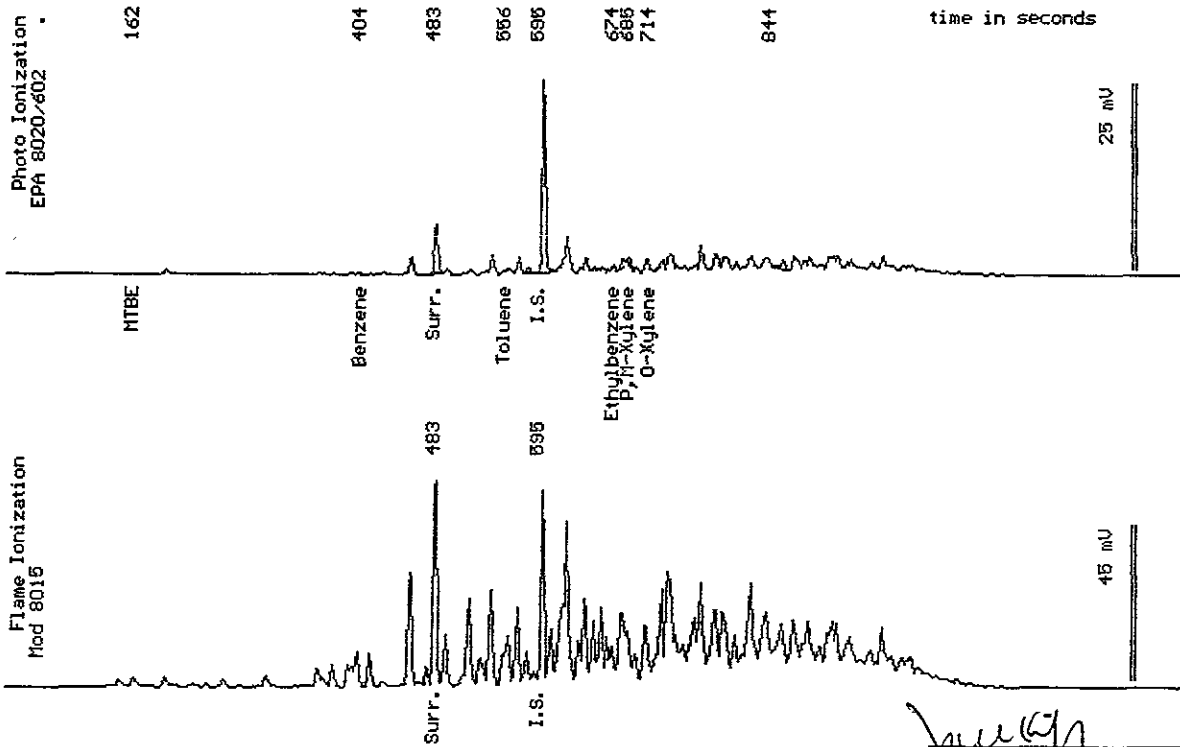
Sampled : 08/06/96

Dilution : 1:100

QC Batch : 2148D

Matrix : Soil

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.50)	.54
Toluene	(.50)	1.4
Ethylbenzene	(.50)	5.5
Total Xylenes	(.50)	4.7
TPH as Gasoline	(100)	1700
Surrogate Recovery		97 %



Date Analyzed: 08-13-96  
Column : 0.53mm X 60m Restek Rtx-1301

*Joel Kiff*  
Joel Kiff  
Senior Chemist

Sample: SP-1a,b,c,d

From : Miller Meat (Proj. # 81015-55078-70-7001)

Sampled : 08/06/96

Extracted: 08/09/96

Dilution : 1:25

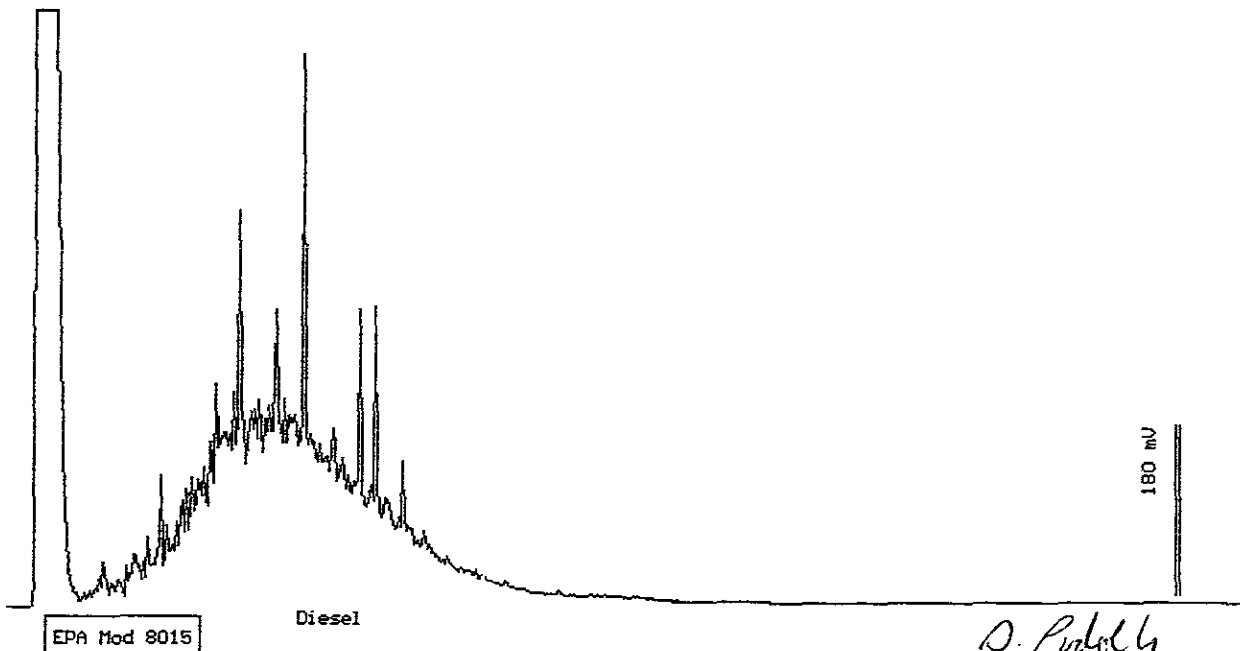
Matrix : Soil

QC Batch : DS960805

Run Log : 8351A

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(25)	5000
TPH as Motor Oil	(200)	<200 *

\* Increased reporting limit due to diesel interference.



Date: 08-10-96 Time: 06:50:41  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

*D. Podolsky*

Stewart Podolsky  
Senior Chemist

Sample: PF-1a

From : Miller Meat (Proj. # 81015-55078-70-7001)

Sampled : 08/06/96

Extracted: 08/09/96

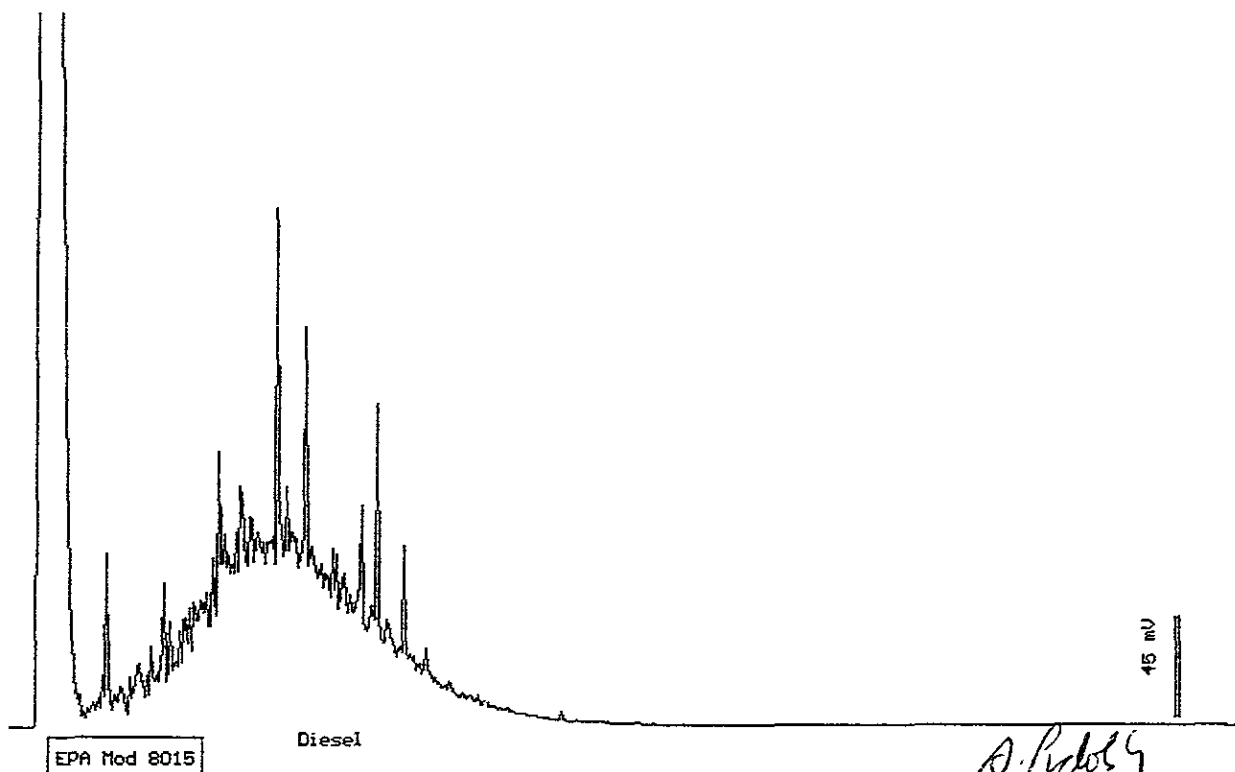
QC Batch : DS960805

Dilution : 1:125

Run Log : 8351A

Matrix : Soil

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
TPH as Diesel	(130)	11000
TPH as Motor Oil	(250)	<250



Date: 08-10-96 Time: 07:24:17  
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

*A. Podolsky*  
Stewart Podolsky  
Senior Chemist

August 09, 1996  
Sample Log 15272

From : Miller Meat (Project # 81015-55078-70-7001)  
Date Sampled : 08/06/96  
Matrix : Soil  
Reported as : wet weight

Date Received : 08/06/96  
Units : (mg/kg)

Total Lead by ICP by SW-846 Method 6010

<u>WEST ID</u>	<u>Sample ID</u>	<u>Result</u>	<u>MRL</u>	<u>Date Digested</u>	<u>Date Analyzed</u>
15272-03	SP-2a to d	75	10	08/08/96	08/08/96
15272-04	PF-2a	<10	10	08/08/96	08/08/96

MRL = Method Reporting Limit



Michelle L. Anderson  
Inorganics Supervisor

August 09, 1996

## Metals QC Report for Sample Log 15272

From : Miller Meat (Project # 81015-55078-70-7001)  
Matrix : Soil  
Sample Spiked for MS/MSD : 15272-03

Units : (mg/kg)

Method Blank					
Analyte	Result	MRL	EPA Method	Date Digested	Date Analyzed
Lead (Pb)	<10	10	6010	08/08/96	08/08/96

MRL = Method Reporting Limit

Laboratory Control Sample (LCS)					
Analyte	% Recovery		EPA Method	Date Digested	Date Analyzed
Lead (Pb)	93		6010	08/08/96	08/08/96

LCS Limits are 85 - 115%.

Matrix Spikes						
Analyte	MS % Recov	MSD % Recov	RPD	EPA Method	Date Digested	Date Analyzed
Lead (Pb)	94	78	19	6010	08/08/96	08/08/96

MS = Matrix Spike      MSD = Matrix Spike Duplicate      RPD = Relative Percent Difference  
Spike Recovery Limits for Matrix Spikes are 75 - 125%. The RPD Limits are  $\pm 20\%$ .

  
Michelle L. Anderson  
Inorganics Supervisor



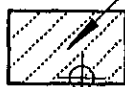
OFFICE  
&  
WAREHOUSE

Stockpile  
gas  
11/2/89

Roll Up Door

Door

Excavation Depth = 6 Feet



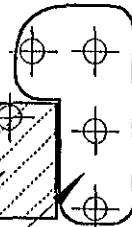
PF-2a

SP-2b    SP-2d  
SP-2a    SP-2c

JACKSON STREET

Stockpile Elevation = 4 Feet (Ave.)

SP-1d



SP-1c  
SP-1b  
SP-1a

PF-1a

Excavation Depth = 6.5 Feet

Stockpile Elevation = 4 Feet

2nd STREET

Customer Entrance

MILLER MEAT  
OUTLET STORE

NOTES:



Sample PF-1a was taken at 5 feet below grade.  
Sample PF-2a was taken at 5 feet below grade.  
Samples SP-1a through d, and SP-2a through d were  
taken approximately 18" to 24" into the stockpile.  
They were composited in the laboratory.

MILLER MEAT COMPANY (SCOTT CO.)  
201 2nd STREET  
OAKLAND, CALIFORNIA

Sample Log#: 15272

DATE: 08/06/1996

SCALE 1:240



Western Environmental  
Science & Technology

45133 County Road 32B, Davis, CA 95616-9426

Phone: (916) 753-9500

Drawn by: Sid Paderna



1046 Olive Drive, Suite 2  
Davis, CA 95616

Phone#: 916-753-9500  
Fax#: 916-753-6091  
Sample Receiving#: 916-757-0920

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Paul Ferreira Phone #: (510) 895-2333

Company/Address: Scott Company FAX #:

Project Number: 81015-55078-70-7001 P.O.#: Project Name: Miller Meat

Project Location: 201 2nd St., Oakland, CA Sampler Signature: Srd Paderna

ANALYSIS REQUEST

For Lab Use ONLY

Sample ID	Sampling		Container (Type/Amount)				Method Preserved				Matrix		BTEX (602/8020)	BTEX/TPH as Gasoline (602/8020/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	EPA 601/8010	EPA 608/8080 - Pesticides	EPA 608/8080 - PCB's	EPA 624/8240	EPA 625/8270 PAH	CAM - 17 Metals	LEAD(6010/7421/239.2)	Cd, Cr, Pb, Zn, Ni	W.E.T. <input checked="" type="checkbox"/>	TOTAL <input checked="" type="checkbox"/>	TAT	12 hour / 24 hour / 48 hour / 1 week / 2 weeks	WEST Lab Number
	DATE	TIME	VOA	SLEEVE	1L GLASS	1L PLASTIC	HCl	HNO <sub>3</sub>	ICE	NONE	WATER	SOIL																	
SP-1a to d	8/6/96	1203	4					X			X		X	X					X								X	01	
PF-1a		1315	X					X			X		X	X					X								X	02	
SP-2a to d		1455	4					X			X		X						X			X					X	03	
PF-2a		1535	X					X			X		X						X			X					X	04	

MTBE

RECEIVED  
DATE 8/6/96 TIME 1715  
BY J.M.

Relinquished by: Srd Paderna Date Time: 8/6/96 1715

Remarks: (MTBE for SP-1a to d & PF-1a) to be done only if at no additional cost. L&T - 6.25 hrs

Relinquished by: \_\_\_\_\_ Date Time: \_\_\_\_\_ Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date Time: 08/06/96 1715 Received by Laboratory: John Marty

Bill To: \_\_\_\_\_