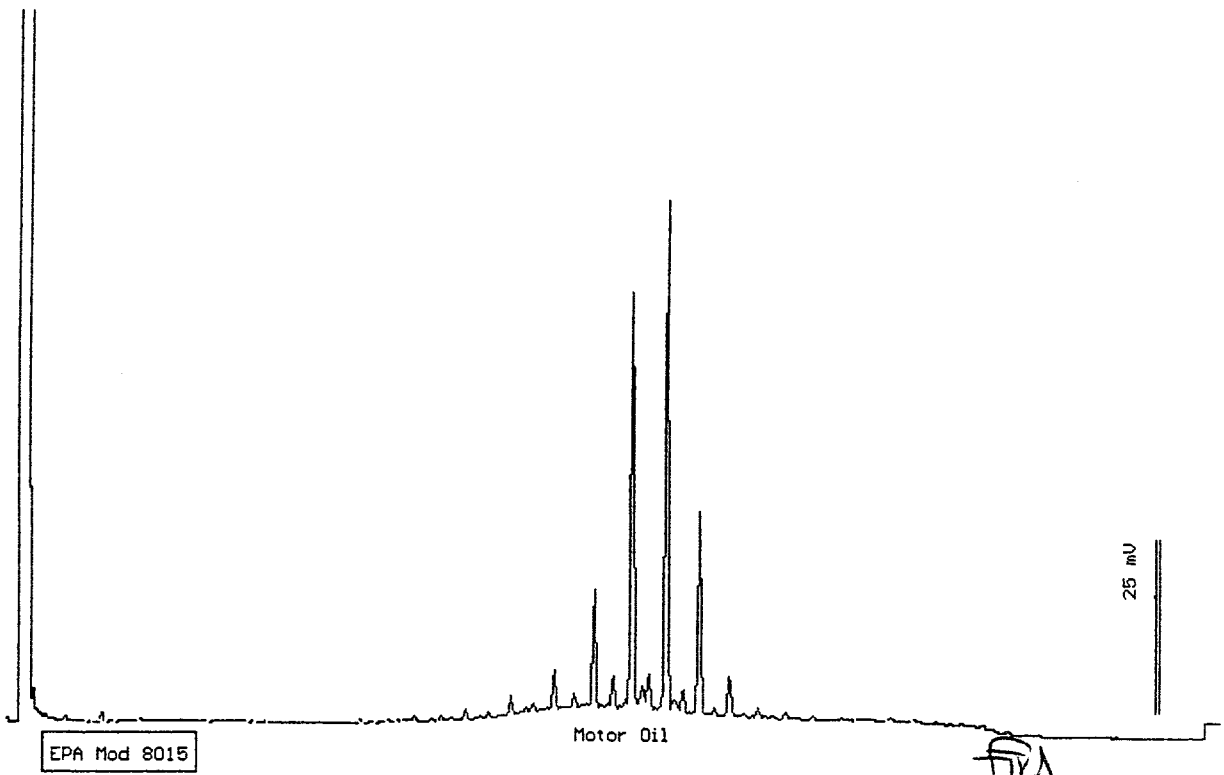
ACCULABS, INC.

Sample Log 22832
22832-04

Sample: **PG19-1 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:1 Run Log : 7501F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10



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Stewart Podolsky
Senior Chemist

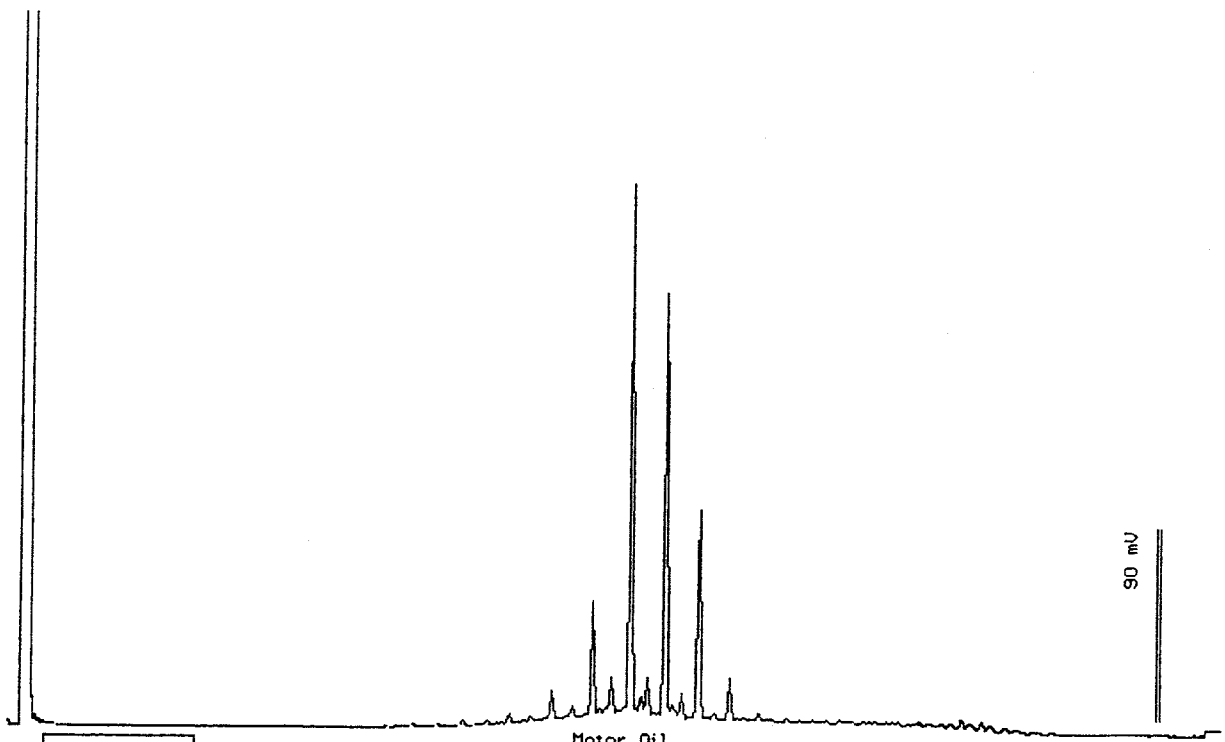
ACCULABS, INC.

Sample Log 22832
22832-05

Sample: **PG10-1 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:1 Run Log : 7501F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	16



EPA Mod 8015

Date: 08-14-01 Time: 00:28:50
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

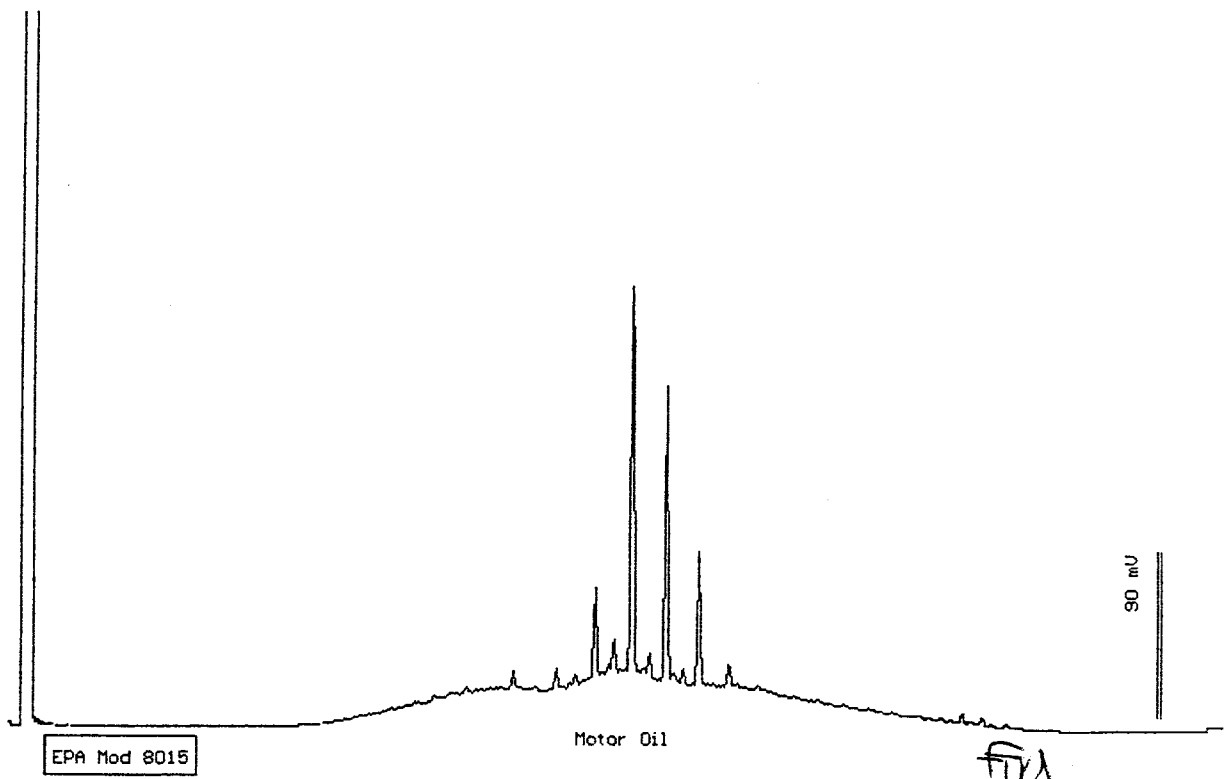
ACCULABS, INC.

Sample Log 22832
22832-06

Sample: **PG10-2 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:1 Run Log : 7501F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	46



Date: 08-14-01 Time: 01:03:14
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

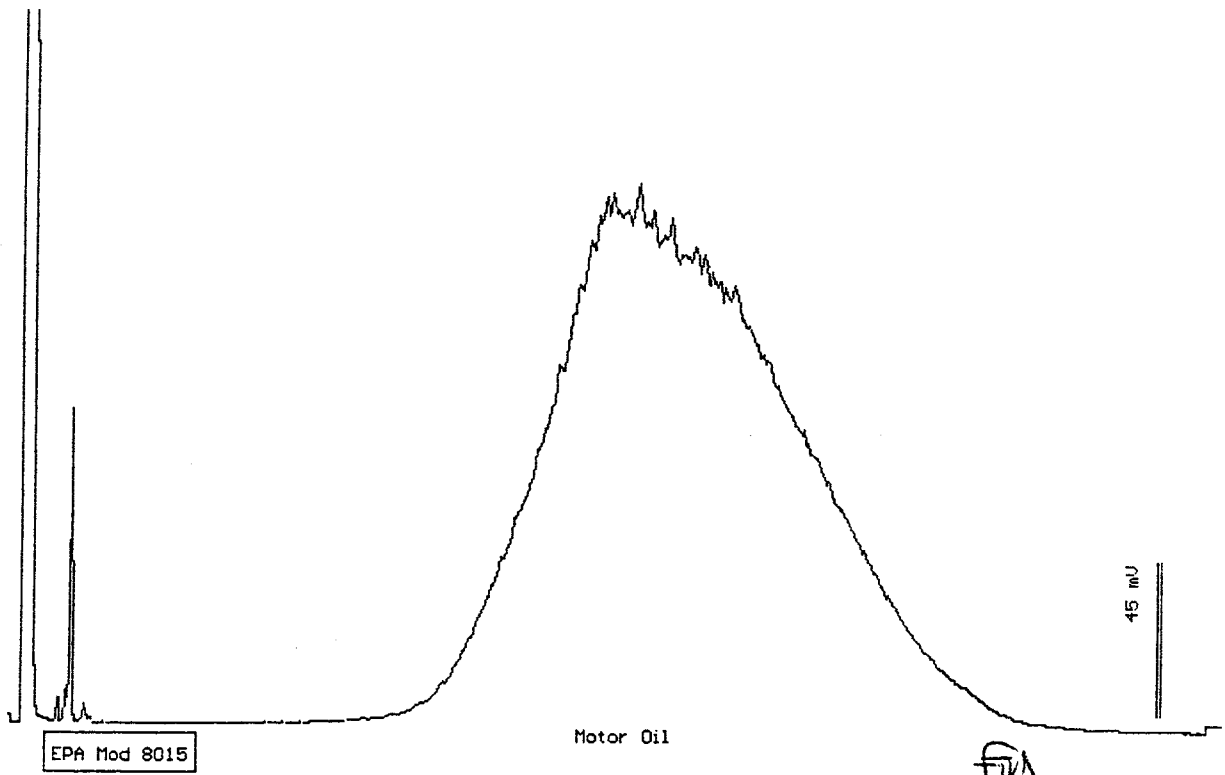
ACCULABS, INC.

Sample Log 22832
22832-07

Sample: **PG9-1 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:2 Run Log : 7501G
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(2.0)	<2.0
TPH as Motor Oil	(10)	340



Date: 08-14-01 Time: 21:29:49
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Podolsky
Senior Chemist

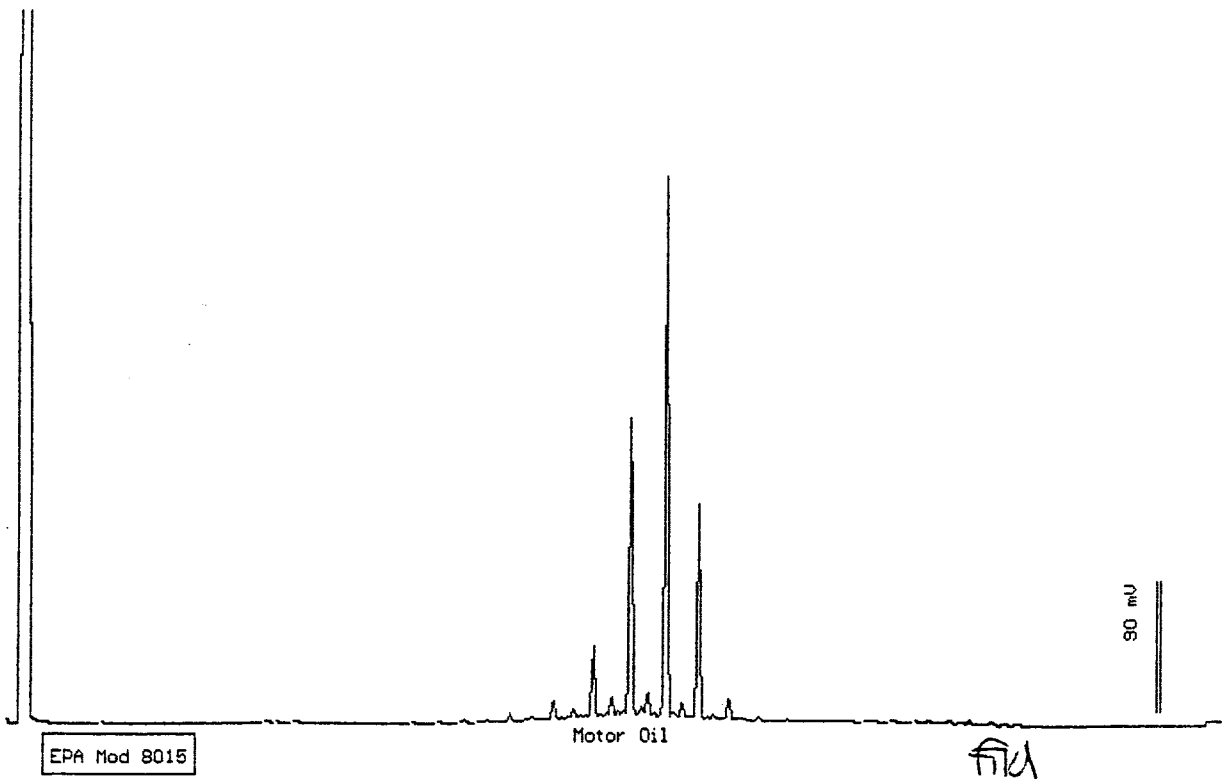
ACCULABS, INC.

Sample Log 22832
22832-09

Sample: **PG9-3 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:1 Run Log : 7501F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	14



Date: 08-14-01 Time: 03:53:51
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

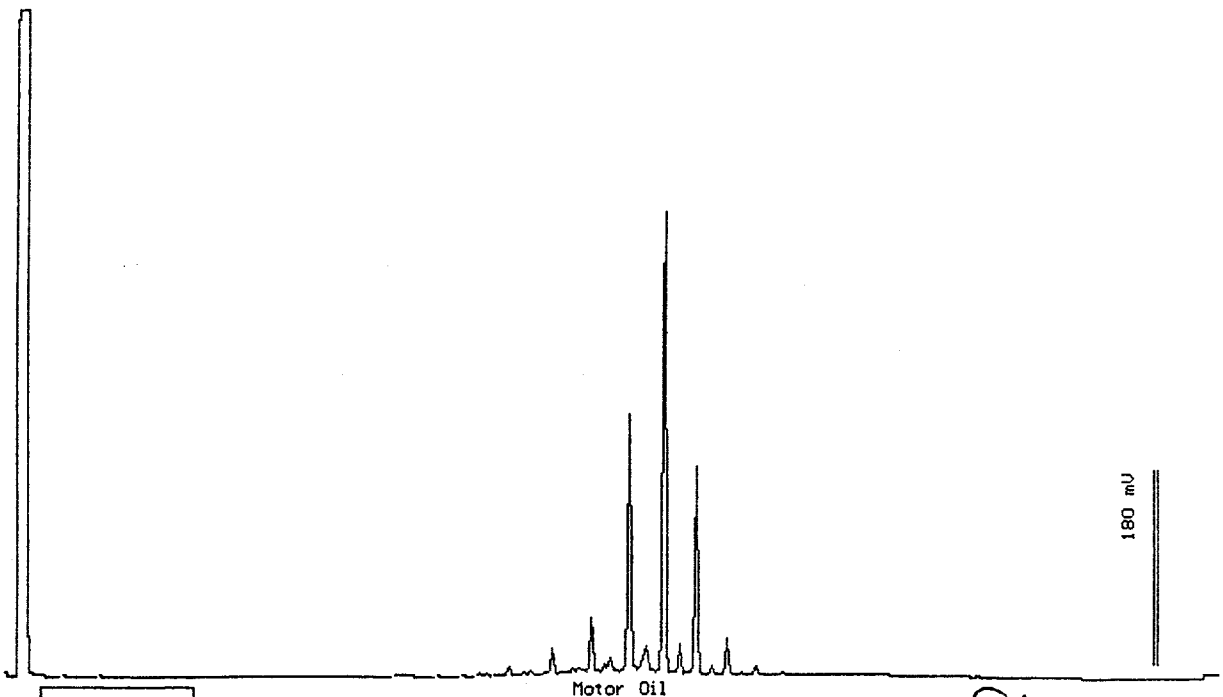
ACCULABS, INC.

Sample Log 22832
22832-10

Sample: **PG11-1 A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/04/01
Extracted: 08/10/01 QC Batch : DS010803
Dilution : 1:1 Run Log : 7501F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	17



EPA Mod 8015

Date: 08-14-01 Time: 04:28:06
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

Acculabs Inc. - Davis

ACCULABS, INC.

TPH Diesel by 8015 Mod QC Report

Matrix:	Soil
QC Batch:	DS010803
QC Limits Set:	8/18/99

Date Extracted:	8/9/01
Date Analyzed:	8/13/01

Parameter	Spike Conc mg/Kg	LCS % Rec	LCSD % Rec	RPD
TPH as Diesel	33	94	103	9.1

Control Chart Limits	
Lower	Upper
70	130

Method Blank	MDL mg/Kg	Measured value ug/L
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10

Tom Kwoka

Laboratory Director

C:\EXCEL\QC\DS010803.xls

ACCULABS, INC.

Sample Log 22832
August 09, 2001

Project Name : Placer Vineyards
Project Number : 99-426

Date Received : 08/06/01

Sample : PG15-1 A,C,D

Matrix : Soil

Sampled : 08/04/01

Lab ID : 22832-03

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease	760	5.0	mg/Kg	1664	08/09/01

MRL = Method Reporting Limit

Approved By : Tom Kwoka

Acculabs Inc. - Davis

ACCULABS, INC.

Oil and Grease by 1664 QC Report

Matrix:	Water
QC Batch:	OGW010801
QC Limits Set:	4/10/01

Date Analyzed:	8/5/01

Parameter	Spike Conc	LCS	LCSD	RPD
	mg/L	% Rec	% Rec	% Rec
Oil and Grease	40	99	100	1.0

Control Chart Limits	
Lower	Upper
78	114

Method Blank	MRL	Measured value
	mg/L	mg/L
Oil and Grease	5.0	<5.0

Tom Kwoka

Laboratory Director

C:\QC Reports\Oil and Grease\OGW010801.xls

ACCULABS, INC.

Sample Log 22832
August 13, 2001

EPA 8081A

Sample Name : **PG9-2 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/09/01
Extr. Method : EPA 3550
QC Batch : PS010803

Date Analyzed : 08/13/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-08

Parameter	MRL	Measured Conc.	Units
alpha-BHC	0.0050	<0.0050	mg/Kg
gamma-BHC	0.0050	<0.0050	mg/Kg
beta-BHC	0.0050	<0.0050	mg/Kg
Heptachlor	0.0050	<0.0050	mg/Kg
delta-BHC	0.0050	<0.0050	mg/Kg
Aldrin	0.0050	<0.0050	mg/Kg
Heptachlor Epoxide	0.0050	<0.0050	mg/Kg
gamma-Chlordane	0.0050	<0.0050	mg/Kg
Endosulfan 1	0.0050	<0.0050	mg/Kg
alpha-Chlordane	0.0050	<0.0050	mg/Kg
Dieldrin	0.010	<0.010	mg/Kg
DDE	0.010	<0.010	mg/Kg
Endrin	0.010	<0.010	mg/Kg
Endosulfan 2	0.010	<0.010	mg/Kg
DDD	0.010	<0.010	mg/Kg
Endrin Aldehyde	0.010	<0.010	mg/Kg
DDT	0.010	<0.010	mg/Kg
Endosulfan Sulfate	0.010	<0.010	mg/Kg
Methoxychlor	0.050	<0.050	mg/Kg
Chlordane Technical	0.10	<0.10	mg/Kg
Toxaphene	0.20	<0.20	mg/Kg
Tetrachloro-m-xylene (sur)		124	% Recovery
Decachlorobiphenyl (sur)		117	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

Acculabs Inc. - Davis

ACCULABS, INC.

EPA 8081 QC Report

Matrix:	Soil
QC Batch:	PS010803
QC Limits Set:	8/07/00

Date Extracted:	8/9/01
Date Analyzed:	8/13/01
Spiked Sample ID :	22832-08

Parameter	Spike Conc mg/kg	LCS % Rec	Matrix Spike % Rec	Matrix Spike Dup % Rec	RPD	Control Chart Limits Lower	Control Chart Limits Upper
gamma-BHC	0.050	88	93	101	8	68	129
Heptachlor	0.050	112	112	123	9	73	133
Aldrin	0.050	100	103	111	7	66	126
Dieldrin	0.100	110	113	126	11	78	143
Endrin	0.100	114	114	118	3	61	151
4,4'-DDT	0.100	104	98	109	11	66	142

Surrogate Compounds	Control Chart Limits Lower	Control Chart Limits Upper
Tetrachloro-m-xylene	57	147
Decachlorobiphenyl	71	150

Tom Kwoka
Laboratory Director

C:\EXCEL\QC\PS010803.xls

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG19-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-04

Parameter	MRL	Measured Conc.	Units
N-Nitrosodimethylamine	0.67	<0.67	mg/Kg
Phenol	0.67	<0.67	mg/Kg
Aniline	0.67	<0.67	mg/Kg
bis(2-Chloroethyl)ether	0.67	<0.67	mg/Kg
2-Chlorophenol	0.67	<0.67	mg/Kg
1,3-Dichlorobenzene	0.67	<0.67	mg/Kg
1,4-Dichlorobenzene	0.67	<0.67	mg/Kg
Benzyl Alcohol	0.67	<0.67	mg/Kg
1,2-Dichlorobenzene	0.67	<0.67	mg/Kg
2-Methylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroisopropyl)ether	0.67	<0.67	mg/Kg
4-Methylphenol	0.67	<0.67	mg/Kg
N-Nitroso-di-n-propylamine	0.67	<0.67	mg/Kg
Hexachloroethane	0.67	<0.67	mg/Kg
Nitrobenzene	0.67	<0.67	mg/Kg
Isophorone	0.67	<0.67	mg/Kg
2-Nitrophenol	0.67	<0.67	mg/Kg
2,4-Dimethylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroethoxy)methane	0.67	<0.67	mg/Kg
2,4-Dichlorophenol	0.67	<0.67	mg/Kg
Benzoic Acid	0.67	<0.67	mg/Kg
1,2,4-Trichlorobenzene	0.67	<0.67	mg/Kg
Naphthalene	0.67	<0.67	mg/Kg
4-Chloroaniline	1.3	<1.3	mg/Kg
Hexachlorobutadiene	0.67	<0.67	mg/Kg
4-Chloro-3-methylphenol	1.3	<1.3	mg/Kg
2-Methylnaphthalene	0.67	<0.67	mg/Kg
Hexachlorocyclopentadiene	0.67	<0.67	mg/Kg
2,4,6-Trichlorophenol	0.67	<0.67	mg/Kg
2,4,5-Trichlorophenol	0.67	<0.67	mg/Kg
2-Chloronaphthalene	0.67	<0.67	mg/Kg
2-Nitroaniline	3.3	<3.3	mg/Kg
Dimethylphthalate	0.67	<0.67	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG19-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-04

Parameter	MRL	Measured Conc.	Units
2,6-Dinitrotoluene	0.67	<0.67	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
3-Nitroaniline	3.3	<3.3	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
2,4-Dinitrophenol	3.3	<3.3	mg/Kg
4-Nitrophenol	3.3	<3.3	mg/Kg
Dibenzofuran	0.67	<0.67	mg/Kg
2,4-Dinitrotoluene	0.67	<0.67	mg/Kg
Diethylphthalate	0.67	<0.67	mg/Kg
4-Chlorophenyl-phenylether	0.67	<0.67	mg/Kg
Fluorene	0.67	<0.67	mg/Kg
4-Nitroaniline	3.3	<3.3	mg/Kg
4,6-Dinitro-2-methylphenol	3.3	<3.3	mg/Kg
N-Nitrosodiphenylamine	0.67	<0.67	mg/Kg
Azobenzene	0.67	<0.67	mg/Kg
4-bromophenyl Phenyl Ether	0.67	<0.67	mg/Kg
Hexachlorobenzene	0.67	<0.67	mg/Kg
Pentachlorophenol	3.3	<3.3	mg/Kg
Phenanthrene	0.67	<0.67	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Di-n-butylphthalate	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Benzidine	1.3	<1.3	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Butylbenzylphthalate	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
3-3'-Dichlorobenzidine	1.3	<1.3	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
bis(2-Ethylhexyl)phthalate	0.67	<0.67	mg/Kg
Di-n-octylphthalate	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

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG19-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-04

Parameter	MRL	Measured Conc.	Units
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
2-Fluorophenol		70	% Recovery
Phenol-d5		74	% Recovery
Nitrobenzene-d5		76	% Recovery
2-Fluorobiphenyl		83	% Recovery
2,4,6-Tribromophenol		90	% Recovery
Terphenyl-d14		102	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/13/01
Date Received : 08/06/01
Dilution : 1:2
Sample Matrix : Soil
Lab Number : 22832-07

Parameter	MRL	Measured Conc.	Units
N-Nitrosodimethylamine	1.3	<1.3	mg/Kg
Phenol	1.3	<1.3	mg/Kg
Aniline	1.3	<1.3	mg/Kg
bis(2-Chloroethyl)ether	1.3	<1.3	mg/Kg
2-Chlorophenol	1.3	<1.3	mg/Kg
1,3-Dichlorobenzene	1.3	<1.3	mg/Kg
1,4-Dichlorobenzene	1.3	<1.3	mg/Kg
Benzyl Alcohol	1.3	<1.3	mg/Kg
1,2-Dichlorobenzene	1.3	<1.3	mg/Kg
2-Methylphenol	1.3	<1.3	mg/Kg
bis(2-Chloroisopropyl)ether	1.3	<1.3	mg/Kg
4-Methylphenol	1.3	<1.3	mg/Kg
N-Nitroso-di-n-propylamine	1.3	<1.3	mg/Kg
Hexachloroethane	1.3	<1.3	mg/Kg
Nitrobenzene	1.3	<1.3	mg/Kg
Isophorone	1.3	<1.3	mg/Kg
2-Nitrophenol	1.3	<1.3	mg/Kg
2,4-Dimethylphenol	1.3	<1.3	mg/Kg
bis(2-Chloroethoxy)methane	1.3	<1.3	mg/Kg
2,4-Dichlorophenol	1.3	<1.3	mg/Kg
Benzoic Acid	1.3	<1.3	mg/Kg
1,2,4-Trichlorobenzene	1.3	<1.3	mg/Kg
Naphthalene	1.3	<1.3	mg/Kg
4-Chloroaniline	2.6	<2.6	mg/Kg
Hexachlorobutadiene	1.3	<1.3	mg/Kg
4-Chloro-3-methylphenol	2.6	<2.6	mg/Kg
2-Methylnaphthalene	1.3	<1.3	mg/Kg
Hexachlorocyclopentadiene	1.3	<1.3	mg/Kg
2,4,6-Trichlorophenol	1.3	<1.3	mg/Kg
2,4,5-Trichlorophenol	1.3	<1.3	mg/Kg
2-Chloronaphthalene	1.3	<1.3	mg/Kg
2-Nitroaniline	6.6	<6.6	mg/Kg
Dimethylphthalate	1.3	<1.3	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/13/01
Date Received : 08/06/01
Dilution : 1:2
Sample Matrix : Soil
Lab Number : 22832-07

Parameter	MRL	Measured Conc.	Units
2,6-Dinitrotoluene	1.3	<1.3	mg/Kg
Acenaphthylene	1.3	<1.3	mg/Kg
3-Nitroaniline	6.6	<6.6	mg/Kg
Acenaphthene	1.3	<1.3	mg/Kg
2,4-Dinitrophenol	6.6	<6.6	mg/Kg
4-Nitrophenol	6.6	<6.6	mg/Kg
Dibenzofuran	1.3	<1.3	mg/Kg
2,4-Dinitrotoluene	1.3	<1.3	mg/Kg
Diethylphthalate	**1.3**	**14**	mg/Kg
4-Chlorophenyl-phenylether	1.3	<1.3	mg/Kg
Fluorene	1.3	<1.3	mg/Kg
4-Nitroaniline	6.6	<6.6	mg/Kg
4,6-Dinitro-2-methylphenol	6.6	<6.6	mg/Kg
N-Nitrosodiphenylamine	1.3	<1.3	mg/Kg
Azobenzene	1.3	<1.3	mg/Kg
4-bromophenyl Phenyl Ether	1.3	<1.3	mg/Kg
Hexachlorobenzene	1.3	<1.3	mg/Kg
Pentachlorophenol	6.6	<6.6	mg/Kg
Phenanthrene	1.3	<1.3	mg/Kg
Anthracene	1.3	<1.3	mg/Kg
Di-n-butylphthalate	1.3	<1.3	mg/Kg
Fluoranthene	1.3	<1.3	mg/Kg
Benzidine	2.6	<2.6	mg/Kg
Pyrene	1.3	<1.3	mg/Kg
Butylbenzylphthalate	1.3	<1.3	mg/Kg
Benzo(a)anthracene	1.3	<1.3	mg/Kg
3-3'-Dichlorobenzidine	2.6	<2.6	mg/Kg
Chrysene	1.3	<1.3	mg/Kg
bis(2-Ethylhexyl)phthalate	1.3	<1.3	mg/Kg
Di-n-octylphthalate	1.3	<1.3	mg/Kg
Benzo(b)fluoranthene	1.3	<1.3	mg/Kg
Benzo(k)fluoranthene	1.3	<1.3	mg/Kg
Benzo(a)pyrene	1.3	<1.3	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/13/01
Date Received : 08/06/01
Dilution : 1:2
Sample Matrix : Soil
Lab Number : 22832-07

Parameter	MRL	Measured Conc.	Units
Indeno(1,2,3-c,d)pyrene	1.3	<1.3	mg/Kg
Dibenzo(a,h)anthracene	1.3	<1.3	mg/Kg
Benzo(g,h,i)perylene	1.3	<1.3	mg/Kg
2-Fluorophenol		84	% Recovery
Phenol-d5		86	% Recovery
Nitrobenzene-d5		92	% Recovery
2-Fluorobiphenyl		98	% Recovery
2,4,6-Tribromophenol		96	% Recovery
Terphenyl-d14		61	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-3 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-09

Parameter	MRL	Measured Conc.	Units
N-Nitrosodimethylamine	0.67	<0.67	mg/Kg
Phenol	0.67	<0.67	mg/Kg
Aniline	0.67	<0.67	mg/Kg
bis(2-Chloroethyl)ether	0.67	<0.67	mg/Kg
2-Chlorophenol	0.67	<0.67	mg/Kg
1,3-Dichlorobenzene	0.67	<0.67	mg/Kg
1,4-Dichlorobenzene	0.67	<0.67	mg/Kg
Benzyl Alcohol	0.67	<0.67	mg/Kg
1,2-Dichlorobenzene	0.67	<0.67	mg/Kg
2-Methylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroisopropyl)ether	0.67	<0.67	mg/Kg
4-Methylphenol	0.67	<0.67	mg/Kg
N-Nitroso-di-n-propylamine	0.67	<0.67	mg/Kg
Hexachloroethane	0.67	<0.67	mg/Kg
Nitrobenzene	0.67	<0.67	mg/Kg
Isophorone	0.67	<0.67	mg/Kg
2-Nitrophenol	0.67	<0.67	mg/Kg
2,4-Dimethylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroethoxy)methane	0.67	<0.67	mg/Kg
2,4-Dichlorophenol	0.67	<0.67	mg/Kg
Benzoic Acid	0.67	<0.67	mg/Kg
1,2,4-Trichlorobenzene	0.67	<0.67	mg/Kg
Naphthalene	0.67	<0.67	mg/Kg
4-Chloroaniline	1.3	<1.3	mg/Kg
Hexachlorobutadiene	0.67	<0.67	mg/Kg
4-Chloro-3-methylphenol	1.3	<1.3	mg/Kg
2-Methylnaphthalene	0.67	<0.67	mg/Kg
Hexachlorocyclopentadiene	0.67	<0.67	mg/Kg
2,4,6-Trichlorophenol	0.67	<0.67	mg/Kg
2,4,5-Trichlorophenol	0.67	<0.67	mg/Kg
2-Chloronaphthalene	0.67	<0.67	mg/Kg
2-Nitroaniline	3.3	<3.3	mg/Kg
Dimethylphthalate	0.67	<0.67	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-3 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-09

Parameter	MRL	Measured Conc.	Units
2,6-Dinitrotoluene	0.67	<0.67	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
3-Nitroaniline	3.3	<3.3	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
2,4-Dinitrophenol	3.3	<3.3	mg/Kg
4-Nitrophenol	3.3	<3.3	mg/Kg
Dibenzofuran	0.67	<0.67	mg/Kg
2,4-Dinitrotoluene	0.67	<0.67	mg/Kg
Diethylphthalate	0.67	<0.67	mg/Kg
4-Chlorophenyl-phenylether	0.67	<0.67	mg/Kg
Fluorene	0.67	<0.67	mg/Kg
4-Nitroaniline	3.3	<3.3	mg/Kg
4,6-Dinitro-2-methylphenol	3.3	<3.3	mg/Kg
N-Nitrosodiphenylamine	0.67	<0.67	mg/Kg
Azobenzene	0.67	<0.67	mg/Kg
4-bromophenyl Phenyl Ether	0.67	<0.67	mg/Kg
Hexachlorobenzene	0.67	<0.67	mg/Kg
Pentachlorophenol	3.3	<3.3	mg/Kg
Phenanthrene	0.67	<0.67	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Di-n-butylphthalate	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Benzidine	1.3	<1.3	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Butylbenzylphthalate	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
3-3'-Dichlorobenzidine	1.3	<1.3	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
bis(2-Ethylhexyl)phthalate	0.67	<0.67	mg/Kg
Di-n-octylphthalate	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

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG9-3 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-09

Parameter	MRL	Measured Conc.	Units
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
2-Fluorophenol		72	% Recovery
Phenol-d5		76	% Recovery
Nitrobenzene-d5		76	% Recovery
2-Fluorobiphenyl		83	% Recovery
2,4,6-Tribromophenol		88	% Recovery
Terphenyl-d14		98	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG11-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-10

Parameter	MRL	Measured Conc.	Units
N-Nitrosodimethylamine	0.67	<0.67	mg/Kg
Phenol	0.67	<0.67	mg/Kg
Aniline	0.67	<0.67	mg/Kg
bis(2-Chloroethyl)ether	0.67	<0.67	mg/Kg
2-Chlorophenol	0.67	<0.67	mg/Kg
1,3-Dichlorobenzene	0.67	<0.67	mg/Kg
1,4-Dichlorobenzene	0.67	<0.67	mg/Kg
Benzyl Alcohol	0.67	<0.67	mg/Kg
1,2-Dichlorobenzene	0.67	<0.67	mg/Kg
2-Methylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroisopropyl)ether	0.67	<0.67	mg/Kg
4-Methylphenol	0.67	<0.67	mg/Kg
N-Nitroso-di-n-propylamine	0.67	<0.67	mg/Kg
Hexachloroethane	0.67	<0.67	mg/Kg
Nitrobenzene	0.67	<0.67	mg/Kg
Isophorone	0.67	<0.67	mg/Kg
2-Nitrophenol	0.67	<0.67	mg/Kg
2,4-Dimethylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroethoxy)methane	0.67	<0.67	mg/Kg
2,4-Dichlorophenol	0.67	<0.67	mg/Kg
Benzoic Acid	0.67	<0.67	mg/Kg
1,2,4-Trichlorobenzene	0.67	<0.67	mg/Kg
Naphthalene	0.67	<0.67	mg/Kg
4-Chloroaniline	1.3	<1.3	mg/Kg
Hexachlorobutadiene	0.67	<0.67	mg/Kg
4-Chloro-3-methylphenol	1.3	<1.3	mg/Kg
2-Methylnaphthalene	0.67	<0.67	mg/Kg
Hexachlorocyclopentadiene	0.67	<0.67	mg/Kg
2,4,6-Trichlorophenol	0.67	<0.67	mg/Kg
2,4,5-Trichlorophenol	0.67	<0.67	mg/Kg
2-Chloronaphthalene	0.67	<0.67	mg/Kg
2-Nitroaniline	3.3	<3.3	mg/Kg
Dimethylphthalate	0.67	<0.67	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 15, 2001

EPA 8270C

Sample Name : **PG11-1 A,B,C,D**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/04/01
Date Extracted : 08/10/01
Extr. Method : EPA 3550
QC Batch : BS010803

Date Analyzed : 08/11/01
Date Received : 08/06/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22832-10

Parameter	MRL	Measured Conc.	Units
2,6-Dinitrotoluene	0.67	<0.67	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
3-Nitroaniline	3.3	<3.3	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
2,4-Dinitrophenol	3.3	<3.3	mg/Kg
4-Nitrophenol	3.3	<3.3	mg/Kg
Dibenzofuran	0.67	<0.67	mg/Kg
2,4-Dinitrotoluene	0.67	<0.67	mg/Kg
Diethylphthalate	0.67	<0.67	mg/Kg
4-Chlorophenyl-phenylether	0.67	<0.67	mg/Kg
Fluorene	0.67	<0.67	mg/Kg
4-Nitroaniline	3.3	<3.3	mg/Kg
4,6-Dinitro-2-methylphenol	3.3	<3.3	mg/Kg
N-Nitrosodiphenylamine	0.67	<0.67	mg/Kg
Azobenzene	0.67	<0.67	mg/Kg
4-bromophenyl Phenyl Ether	0.67	<0.67	mg/Kg
Hexachlorobenzene	0.67	<0.67	mg/Kg
Pentachlorophenol	3.3	<3.3	mg/Kg
Phenanthrene	0.67	<0.67	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Di-n-butylphthalate	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Benzidine	1.3	<1.3	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Butylbenzylphthalate	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
3-3'-Dichlorobenzidine	1.3	<1.3	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
bis(2-Ethylhexyl)phthalate	0.67	<0.67	mg/Kg
Di-n-octylphthalate	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

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22832
August 20, 2001

EPA 8270C

Sample Name : **PG11-1 A,B,C,D**

Project Name	: Placer Vineyards	Date Analyzed	: 08/11/01
Project Number	: 99-426	Date Received	: 08/06/01
Sample Date	: 08/04/01	Dilution	: 1:1
Date Extracted	: 08/10/01	Sample Matrix	: Soil
Extr. Method	: EPA 3550	Lab Number	: 22832-10
QC Batch	: BS010803		

Parameter	MRL	Measured Conc.	Units
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
2-Fluorophenol		81	% Recovery
Phenol-d5		81	% Recovery
Nitrobenzene-d5		92	% Recovery
2-Fluorobiphenyl		93	% Recovery
2,4,6-Tribromophenol		99	% Recovery
Terphenyl-d14		107	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

Acculabs Inc. - Davis

ACCULABS, INC.

EPA 8270C QC Report

Matrix: Soil	Date Extracted: 8/10/01
QC Batch: BS010803	Date Analyzed: 8/11/01
QC Limits Set: 11/3/00	MS/MSD Sample ID: 22657-01

Parameter	Spike Conc mg/Kg	MS % Rec	MSD % Rec	RPD	LCS % Rec	Control Chart Limits Lower	Control Chart Limits Upper
Phenol	6.67	67	77	13.1	77	49	107
2-Chlorophenol	6.67	70	80	13.7	79	52	110
1,4-Dichlorobenzene	3.33	63	74	16.6	74	50	114
N-Nitroso-di-n-propylamine	3.33	68	76	10.7	83	47	119
1,2,4-Trichlorobenzene	3.33	66	75	12.4	76	50	129
4-Chloro-3-methylphenol	6.67	84	91	8.7	89	42	125
Acenaphthene	3.33	78	85	7.9	86	58	119
4-Nitrophenol	6.67	68	78	13.7	91	24	126
2,4-Dinitrotoluene	3.33	82	90	9.7	96	34	127
Pentachlorophenol	6.67	82	91	10.3	91	48	139
Pyrene	3.33	88	89	1.9	97	34	106

Surrogate Compounds	Control Chart Limits Lower	Control Chart Limits Upper
2-Fluorophenol	51	113
Phenol-d5	56	120
Nitrobenzene-d5	61	121
2-Fluorobiphenyl	65	113
2,4,6-Tribromophenol	41	113
Terphenyl-d14	54	120

Tom Kwoka
Laboratory Director

C:\EXCEL\QC\BS010803.XLS

Laboratory Report

ACCULABS, INC.

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

ELAP No.: 2326
Received: 08/08/01
Lab Sample ID: 5-108-038
Reported: 08/20/01

Phone: 530-757-0920 Fax: 530-753-6091

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/04/01

Parameter	Method	Results	Units	Analyzed
22832-02 / PG7-2 A, B, C, D				
Cadmium	6010B	0.10	mg/Kg	08/09/01
Chromium	6010B	26	mg/Kg	08/09/01
Lead	6010B	4.6	mg/Kg	08/09/01
Nickel	6010B	9.8	mg/Kg	08/09/01
Zinc	6010B	15	mg/Kg	08/09/01
22832-03 / PG15-1 A, C, D				
Cadmium	6010B	0.71	mg/Kg	08/09/01
Chromium	6010B	20	mg/Kg	08/09/01
Lead	6010B	42	mg/Kg	08/09/01
Nickel	6010B	9.2	mg/Kg	08/09/01
Zinc	6010B	140	mg/Kg	08/09/01
22832-04 / PG19-1 A, B, C, D				
Cadmium	6010B	0.11	mg/Kg	08/09/01
Chromium	6010B	18	mg/Kg	08/09/01
Lead	6010B	7.4	mg/Kg	08/09/01
Nickel	6010B	7.3	mg/Kg	08/09/01
Zinc	6010B	18	mg/Kg	08/09/01
22832-05 / PG10-1 A, B, C, D				
Cadmium	6010B	0.22	mg/Kg	08/09/01
Chromium	6010B	19	mg/Kg	08/09/01
Lead	6010B	17	mg/Kg	08/09/01
Nickel	6010B	11	mg/Kg	08/09/01
Zinc	6010B	54	mg/Kg	08/09/01

ACCULABS, INC.

Laboratory Report

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

Phone: 530-757-0920 Fax: 530-753-6091

ELAP No.: 2326
Received: 08/08/01
Lab Sample ID: 5-108-038
Reported: 08/20/01

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/04/01

Parameter	Method	Results	Units	Analyzed
22832-06 / PG10-2 A, B, C, D				
Cadmium	6010B	0.25	mg/Kg	08/09/01
Chromium	6010B	18	mg/Kg	08/09/01
Lead	6010B	57	mg/Kg	08/09/01
Nickel	6010B	10	mg/Kg	08/09/01
Zinc	6010B	36	mg/Kg	08/09/01
22832-07 / PG9-1 A, B, C, D				
Cadmium	6010B	0.12	mg/Kg	08/09/01
Chromium	6010B	23	mg/Kg	08/09/01
Lead	6010B	25	mg/Kg	08/09/01
Nickel	6010B	14	mg/Kg	08/09/01
Zinc	6010B	70	mg/Kg	08/09/01
22832-08 / PG9-2 A, B, C, D				
Antimony	6010B	<0.50	mg/Kg	08/09/01
Arsenic	6010B	2.8	mg/Kg	08/09/01
Beryllium	6010B	0.20	mg/Kg	08/09/01
Cadmium	6010B	0.12	mg/Kg	08/09/01
Chromium	6010B	21	mg/Kg	08/09/01
Copper	6010B	14	mg/Kg	08/09/01
Lead	6010B	5.9	mg/Kg	08/09/01
Mercury	7471A	<0.10	mg/Kg	08/16/01
Nickel	6010B	9.0	mg/Kg	08/09/01
Selenium	6010B	<2.5	mg/Kg	08/09/01
Silver	6010B	<0.25	mg/Kg	08/09/01
Thallium	6010B	<2.5	mg/Kg	08/09/01
Zinc	6010B	20	mg/Kg	08/09/01

ACCULABS, INC.

Laboratory Report

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

Phone: 530-757-0920 Fax: 530-753-6091

ELAP No.: 2326
Received: 08/08/01
Lab Sample ID: 5-108-038
Reported: 08/20/01

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/04/01

Parameter	Method	Results	Units	Analyzed
22832-09 / PG9-3 A, B, C, D				
Cadmium	6010B	0.22	mg/Kg	08/09/01
Chromium	6010B	18	mg/Kg	08/09/01
Lead	6010B	15	mg/Kg	08/09/01
Nickel	6010B	10	mg/Kg	08/09/01
Zinc	6010B	68	mg/Kg	08/09/01
22832-010 / PG11-1 A, B, C, D				
Cadmium	6010B	0.088	mg/Kg	08/09/01
Chromium	6010B	16	mg/Kg	08/09/01
Lead	6010B	6.3	mg/Kg	08/09/01
Nickel	6010B	6.4	mg/Kg	08/09/01
Zinc	6010B	11	mg/Kg	08/09/01

Michelle Kramer, Lab Manager

ACCULABS, INC.

CHANGE ORDER FORM

DATE:_____ TIME:_____

COMPANY: Carlton

PROJECT #: 99-426 SAMPLE LOG#: 22832

PROJECT NAME: Placer Vineyards

ORDER TAKEN BY: Troy ORDERED BY: B. Hannell

SAMPLE#	CHANGE REQUESTED	TURN-AROUND-TIME (If Applicable)
-07	Dioxin sub to Alta, Invoice & Report direct to M. Vander Dussen	
-09	"	
-10	"	

REMARKS:

****

UPDATE SECTION: (Initial/Date/Time)

FRONT COMPUTER	VOLATILES	DIESEL	SLOG BOOK
___/___/___	___/___/___	___/___/___	___/___/___

Acculabs Inc.

[✓] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22832
Report Due Date:

Client CARLTON ENGINEERING INC.
Fax Results (Y) N
Page 1 of 4

Address 3932 PONDEROSA ROAD
City, State & Zip SHINGLE SPRINGS, CA 95682
Contact MICHAEL VANDER DUSSEN
Phone 530 677 5515
Collector's Name X
Fax 530 677 7585
Project Name PLACER VINEYARDS
P.O. Number
Project Number 99-426

PUBLIC WATER SUPPLY INFORMATION
System Name
PWS No.
Report to State/EPA Y N
POE No.
DWR No.
Collection Point
City
County

SAMPLE TYPE CODES

DW = drinking water
WW = waste water
MW = monitoring well
HW = hazardous waste
TB = travel blank
SD = solid
SO = soil
SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH GAS, BTEX, MTBE 8015/8020	TPH DIESEL, MOTOR OIL 8015M	5 WASTE OIL METALS 6010	OIL & GREASE 1664									Spl. No.
PG7-1A	8/4	630 A	SO	1													
PG7-1B		640	"	1													
PG7-1C		650	"	1	X	X											01
PG7-1D		700	"	1													
PG7-2A		739	"	1													
PG7-2B		740	"	1													
PG7-2C		750	"	1	X	X	X										C
PG7-2D		800	"	1													
~~PG15-1A~~ (PG15-1A)		830	"	1													
PG15-1B		840	"	1													
PG15-1C	✓	850	"	1	X	X	X	X									C

Instructions/Comments/Special Requirements: ANALYZE COMPOSITE OF SLEEVES A, B, C & D FOR SAMPS PG7-1 AND PG7-2, AND SLEEVES A, C & D (HOLD PG15-1B) FOR SAMP PG15-1

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8/6/01	0800	JOHN CURLESS	[illegible]
Custody Seals	Y	N	8/6/01	1435	[illegible]	[illegible]
Seals Intact	Y	N				
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation received unless other arrangements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

Acculabs Inc.

[X] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22832
Report Due Date:

Client CARLTON ENGINEERING, INC.
Fax Results (Y) N
Page 2 of 4

Address 3932 PONDEROSA ROAD
City, State & Zip SHINGLE SPRINGS, CA 95682
Contact MICHAEL VANDER DUSSEN
Phone 530 677 5515
Fax 530 672 7585
P.O. Number

Collector's Name
Project Name PLACER VINEYARDS
Project Number 99-426

PUBLIC WATER SUPPLY INFORMATION
System Name
PWS No.
Report to State/EPA Y N
POE No.
DWR No.
Collection Point
City
County

SAMPLE TYPE CODES

DW = drinking water
TB = travel blank
WW = waste water
SD = solid
MW = monitoring well
SO = soil
HW = hazardous waste
SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH GAS, BTEX, MTBE 8015/8020	TPH DIESEL, MOTOR OIL 8015M	SLUDGE OIL METALS 6010	SEMI VOLATILE ORGANICS 8270C	Spl. No.
PG15-1D	8/4	900	SO	1					
PG19-1A		915	"	1					
PG19-1B		920	"	1					
PG19-1C		930	"	1	X	X	X	X	04
PG19-1D		935	"	1					
PG10-1A		1000	"	1					
PG10-1B		1010	"	1					
PG10-1C		1015	"	1	X	X	X		05
PG10-1D		1025	"	1					
PG10-2A		1110	"	1					
PG10-2B		1120	"	1					

Instructions/Comments/Special Requirements: ANALYZE COMPOSITE OF SLEEVES A, B, C & D FOR SAMPLES PG19-1 AND PG10-1

SAMPLE RECEIPT	Date	Time	Samples Relinquished By	Samples Received By
Received Cold Y N	8-6-01	0800	JOHN CURLESS	[signature]
Custody Seals Y N	8/6/01	1435	[signature]	[signature]
Seals Intact Y N				
No. of Containers				

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation received unless other arrangements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

Acculabs Inc.

[X] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22832
Report Due Date:

Client CARLTON ENGINEERING INC.
Fax Results (Y) N
Page 3 of 4

Address 3932 PONDEROSA ROAD
PUBLIC WATER SUPPLY INFORMATION

City, State & Zip SHINGLE SPRINGS CA 95682
System Name

Contact MICHAEL VANDER DUSSEN
PWS No.
Report to State/EPA Y N

Phone 530 677 5515
Collector's Name
POE No.
DWR No.

Fax 530 672 7585
Project Name PLACER VINEYARDS
Collection Point

P.O. Number
Project Number 99-426
City
County

SAMPLE TYPE CODES

DW = drinking water, TB = travel blank
WW = waste water, SD = solid
MW = monitoring well, SO = soil
HW = hazardous waste, SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH GAS, BTEX, MTBE 8015/8020	TPH DIESEL, MOTOR OIL 8015M	5 WASTE OIL METALS 6010	SEMI VOLATILE ORGANICS 8270C	DIOXINS, 2,3,7,8-TCDD 8280	ORGANOCHLORINE PEST. 8081	PRIORITY POL. METALS 6010						Spl. No.
PG10-2C	8/4	1130	SO	1	X	X	X										06
PG10-2D		1140	"	1													
PG9-1A		1240	"	1													
PG9-1B		1250	"	1													
PG9-1C		100	"	1	X	X	X	X	X								07
PG9-1D		110	"	1													
PG9-2A		150	"	1													
PG9-2B		200	"	1													
PG9-2C		205	"	1						X	X						08
PG9-2D		215	"	1													
PG9-3A		340	"	1													

Instructions/Comments/Special Requirements: ANALYZE COMPOSITE OF SLEEVES A, B, C, & D FOR SAMPLES PG10-2, PG9-1, AND PG9-2

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8-6-01	0800	JOHN CURLESS	[signature]
Custody Seals	Y	N	8/6/01	1435	[signature]	[signature]
Seals Intact	Y	N				
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation received unless other arrangements are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

ACCULABS, INC.

Sample Log 22877
August 30, 2001

Michael Vander Dussen
Carlton Engineering, Inc.
3932 Ponderosa Road, Suite 200
Shingle Springs, CA 95682

Subject : 16 Soil samples
Project Name : Placer Vineyards
Project Number : 99-426

Dear Mr. Vander Dussen,

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.

Acculabs - Davis is certified by the State of California (# 2330), the State of Arizona (AZ0583) and the State of Nevada (CA00039-2000-32). If you have any questions regarding procedures or results, please call me at 530-757-0920.

Sincerely,

Tom Kwoka

Tom Kwoka

1046 OLIVE DRIVE, DAVIS, CALIFORNIA 95616
TELEPHONE (530)757-0920 FAX (530)753-6091 WWW.ACCULABS.COM

ACCULABS, INC.

August 28, 2001
Sample Log 22877

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

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Received : 08/20/01
Matrix : Soil

SAMPLE	Date Analyzed	(MRL) mg/kg	Measured Value mg/kg
PG7-3	08/24/01	(.050)	<.050
PG7-4	08/24/01	(.050)	<.050
PG15-4A,B,C	08/24/01	(.050)	<.050
PG15-5A,B	08/24/01	(.050)	<.050
PG15-5.1A,B,C	08/24/01	(.050)	<.050
PG15-6A,B,C,D	08/24/01	(.050)	<.050
PG15-7A,B,C	08/27/01	(.050)	<.050
PG15-8A,B,C,D	08/27/01	(.050)	<.050
PG15-9A,B,C,D	08/21/01	(.050)	<.050
PG15-11A,B,C	08/27/01	(.050)	<.050
PG15-12A,B,C	08/27/01	(.050)	<.050
PG15-13A,B	08/27/01	(.050)	<.050
PG11-2A,B,C	08/28/01	(.050)	<.050

Approved By:

Tom Kwoka
Lab Director

ACCULABS, INC.

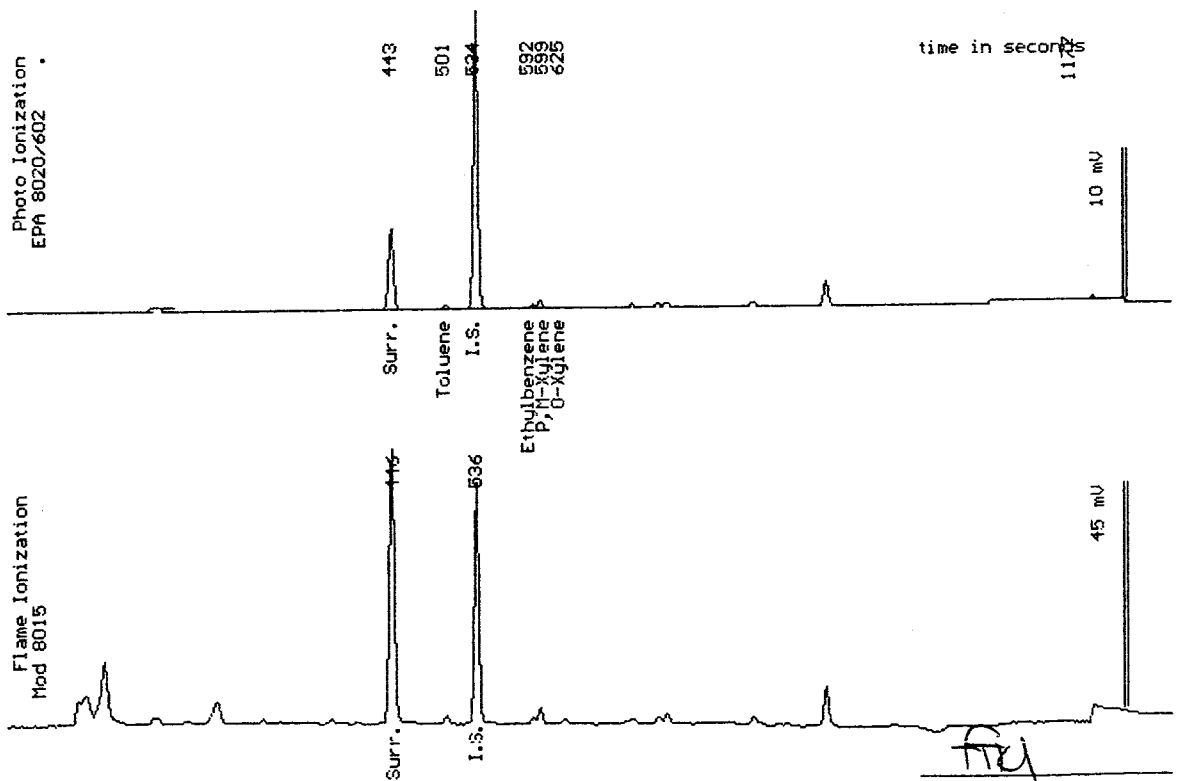
Sample Log 22877

22877-01

Sample: PG7-3

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		102 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

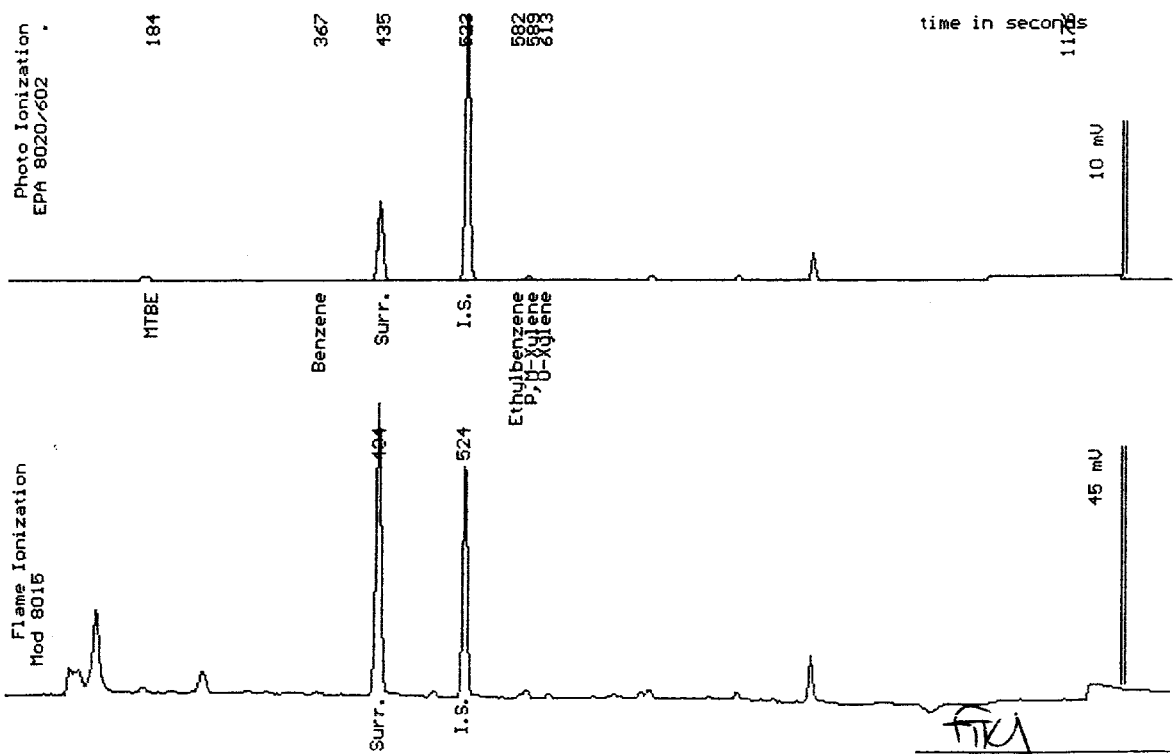
Sample Log 22877

22877-02

Sample: **PG7-4**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		102 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

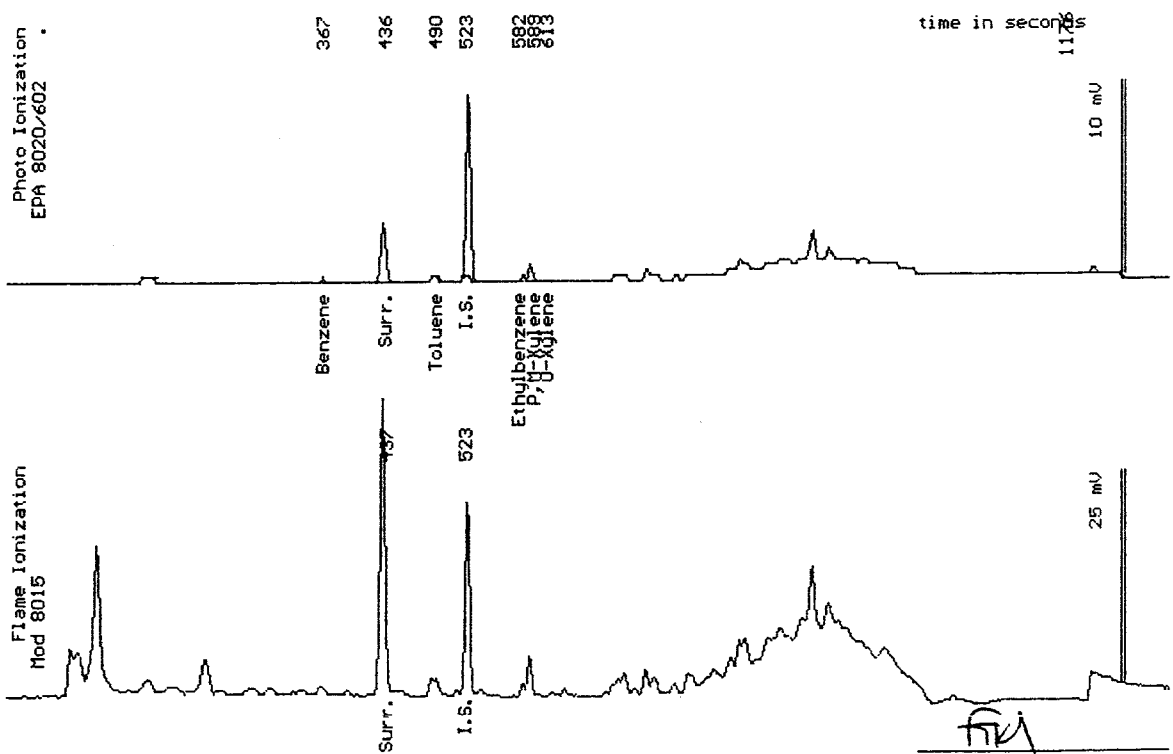
Sample Log 22877

22877-05

Sample: **PG15-4A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	.011
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		126 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

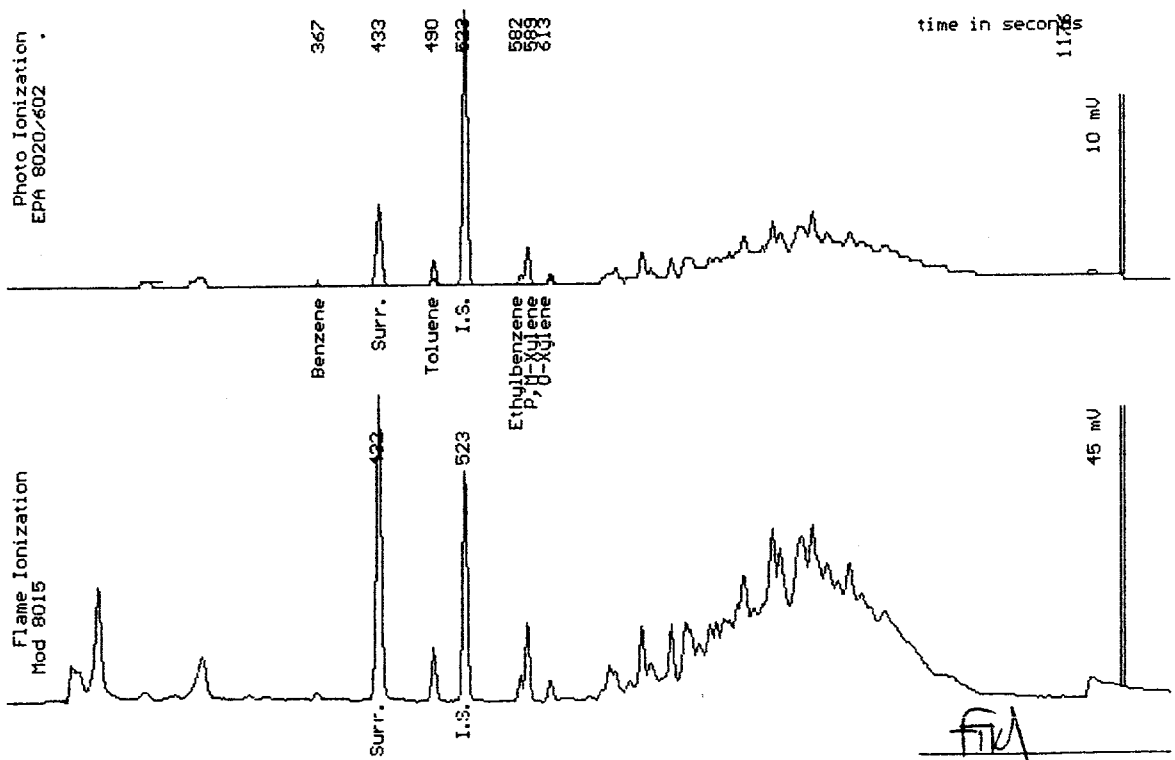
Sample Log 22877

22877-06

Sample: **PG15-5A,B**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	.0085
Ethylbenzene	(.0050)	.0057
Total Xylenes	(.0050)	.024
TPH as Gasoline	(1.0)	1.4
Surrogate Recovery		107 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

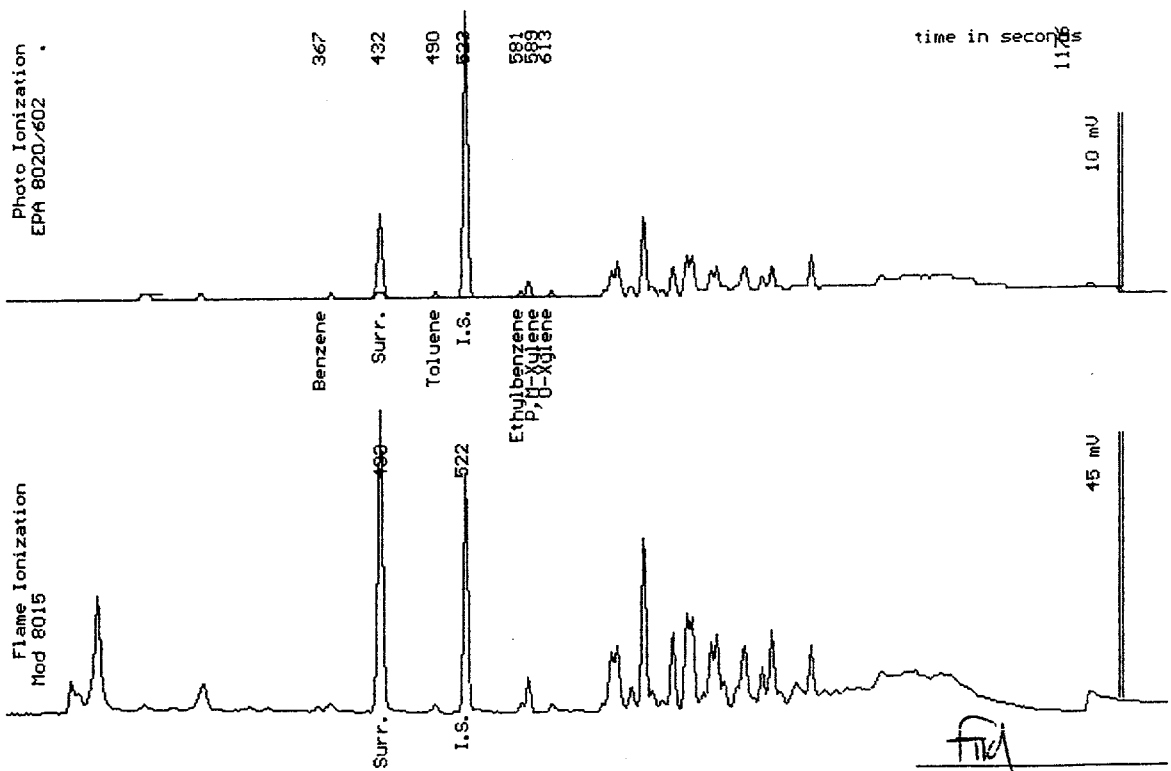
Sample Log 22877

22877-07

Sample: **PG15-5.1A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	.0089
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		97 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

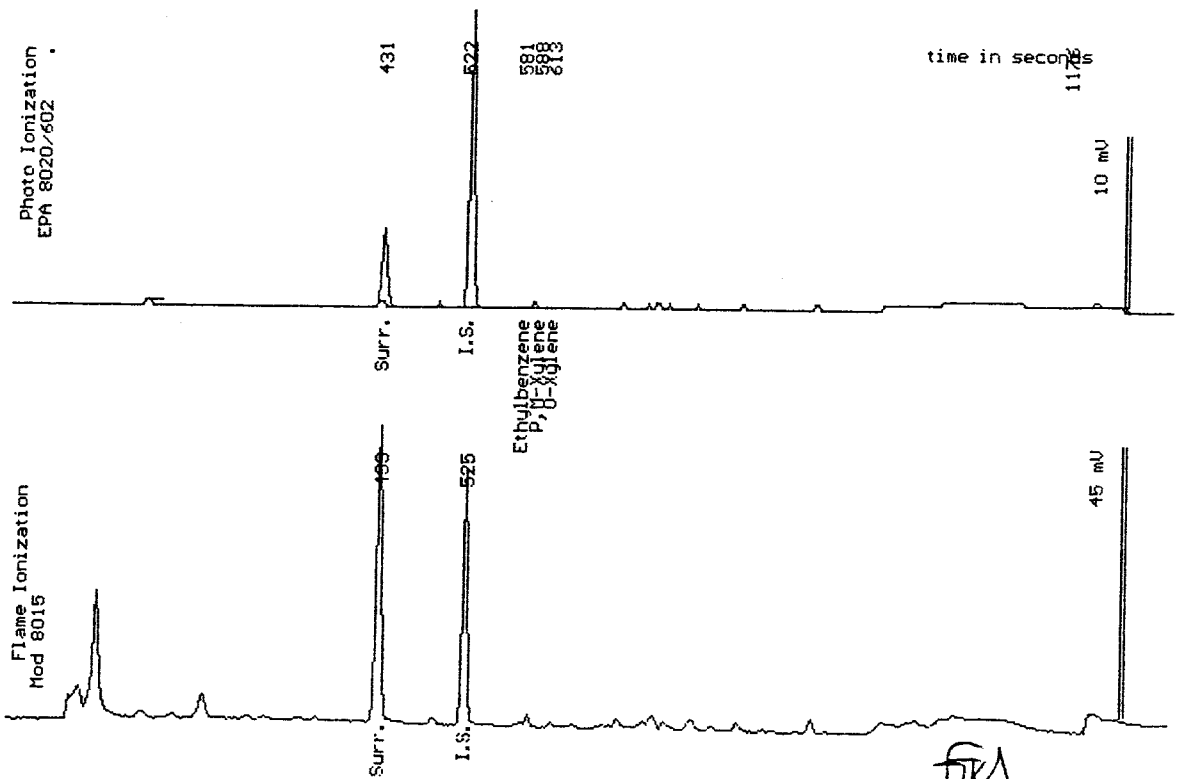
Sample Log 22877

22877-08

Sample: **PG15-6A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199R
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		97 %



Date Analyzed: 08-24-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

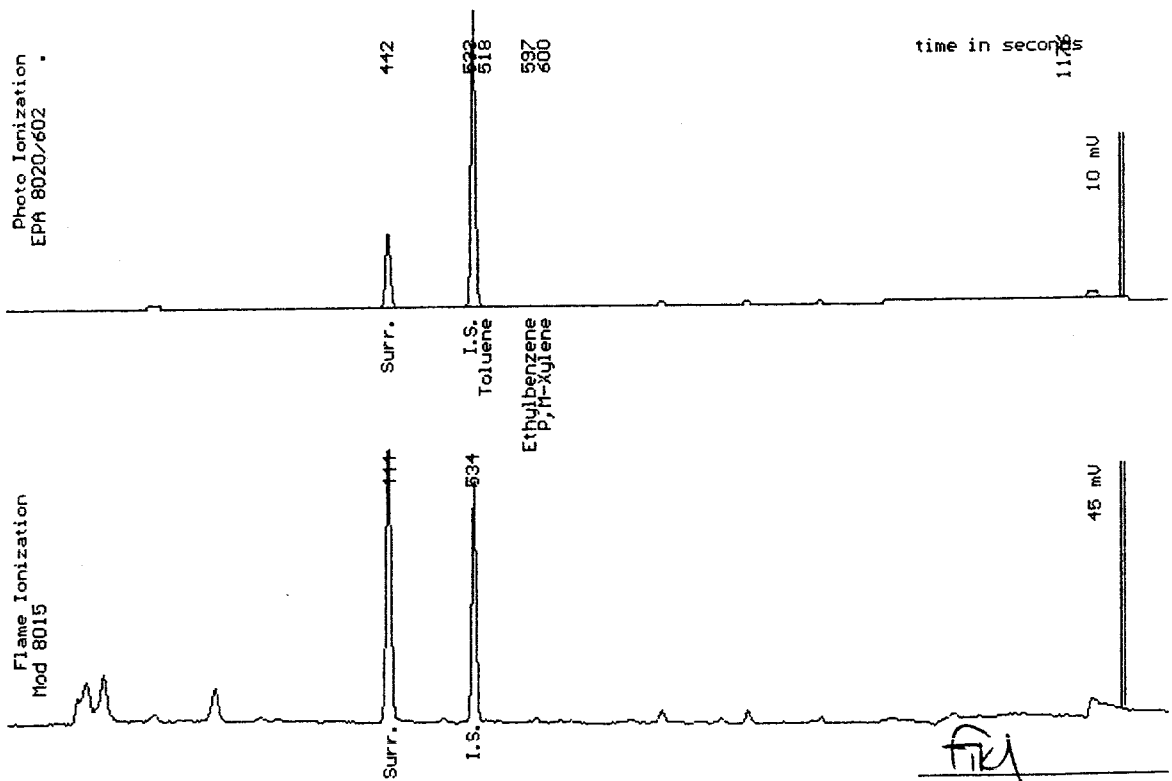
Sample Log 22877

22877-09

Sample: **PG15-7A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		103 %



Date Analyzed: 08-27-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Steuart Podolsky
Senior Chemist

ACCULABS, INC.

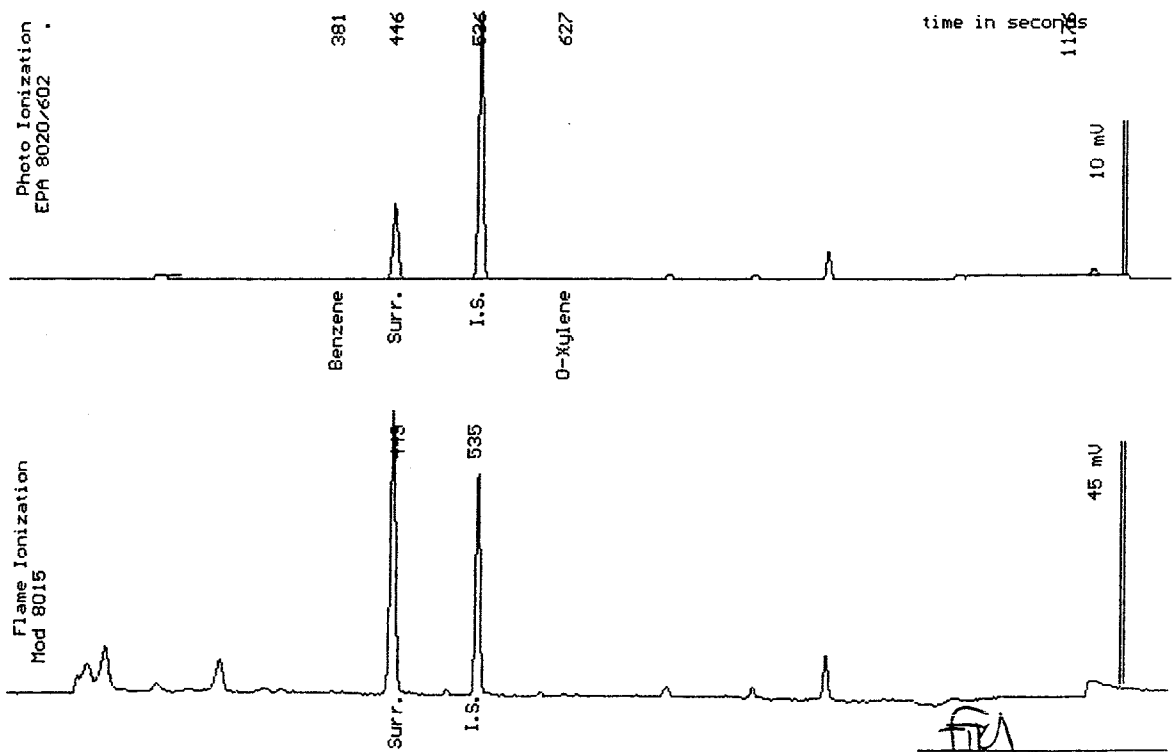
Sample Log 22877

22877-10

Sample: **PG15-8A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		101 %



Date Analyzed: 08-27-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

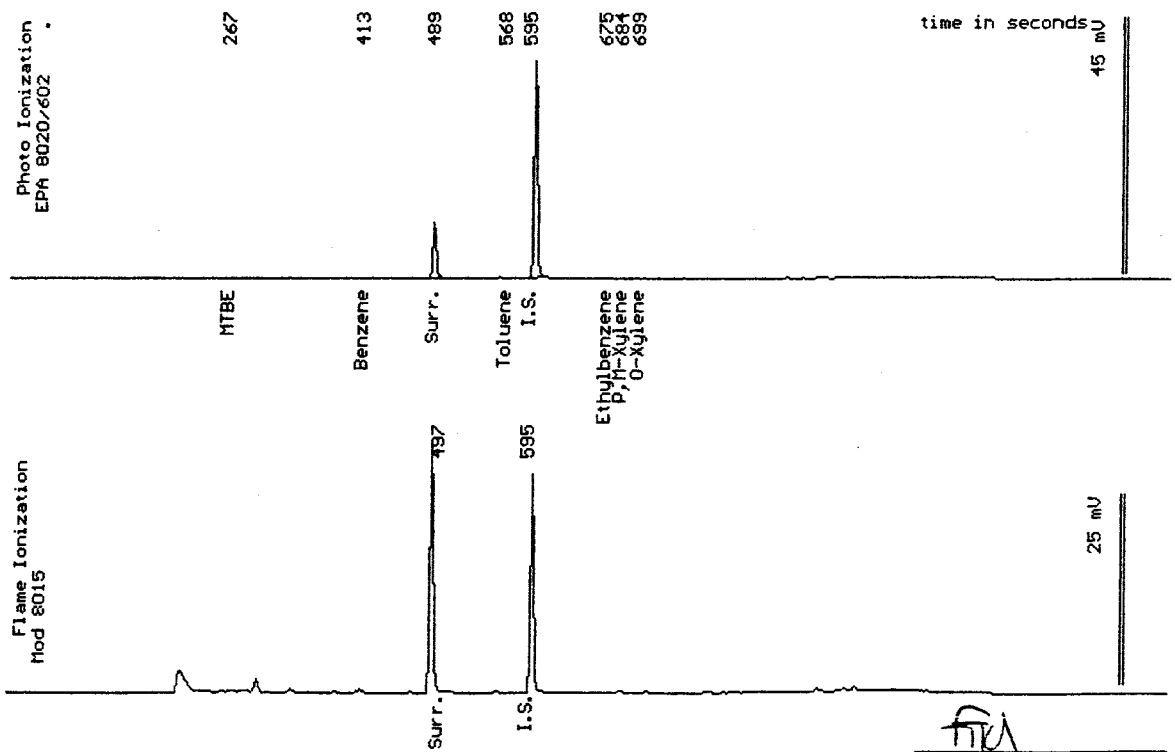
Sample Log 22877

22877-11

Sample: **PG15-9A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 2208F
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		99 %



Date Analyzed: 08-21-01
Column : 0.53mm X 60m Restek Rtx-1301

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

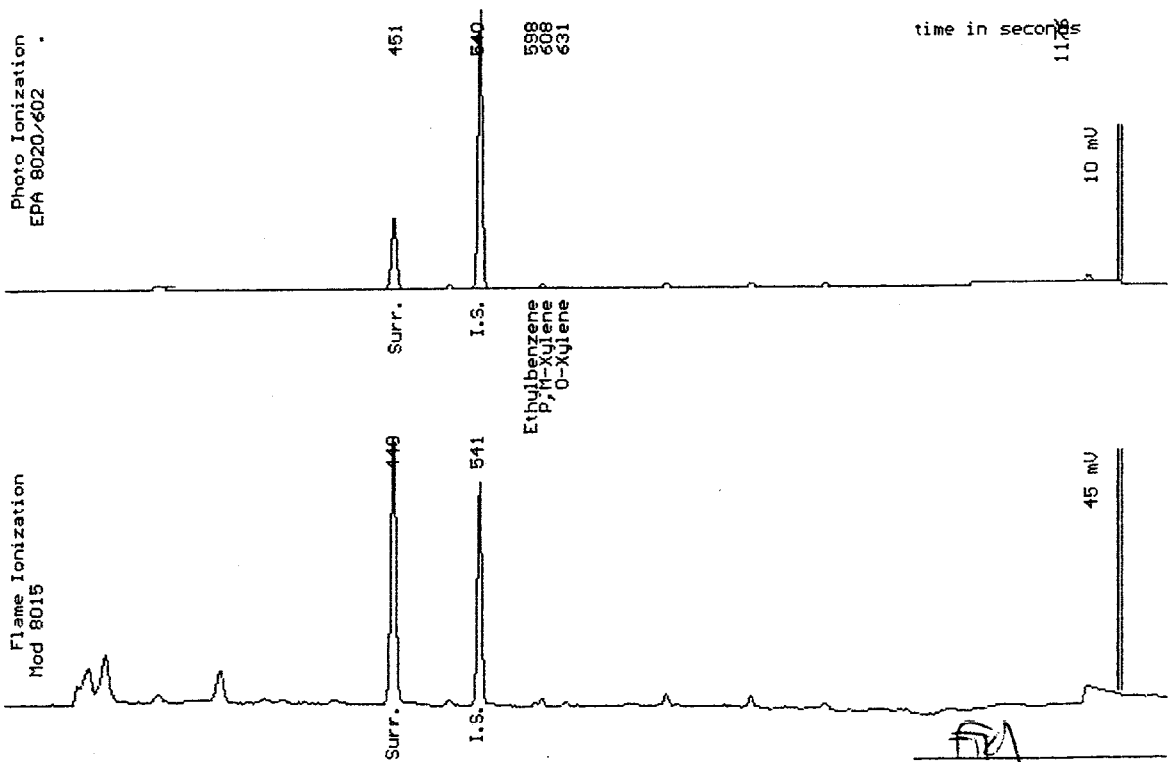
Sample Log 22877

22877-13

Sample: **PG15-11A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		103 %



Date Analyzed: 08-27-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Rodolsky
Senior Chemist

ACCULABS, INC.

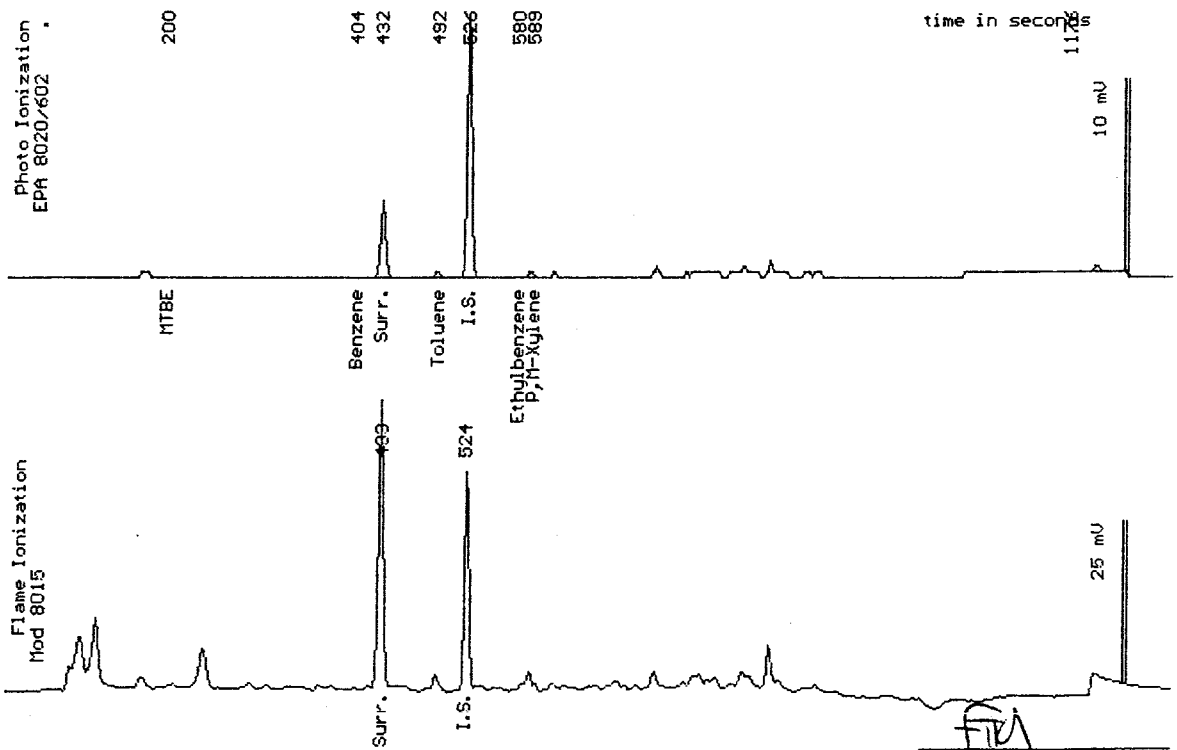
Sample Log 22877

22877-14

Sample: **PG15-12A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		104 %



Date Analyzed: 08-27-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Rogolsky
Senior Chemist

ACCULABS, INC.

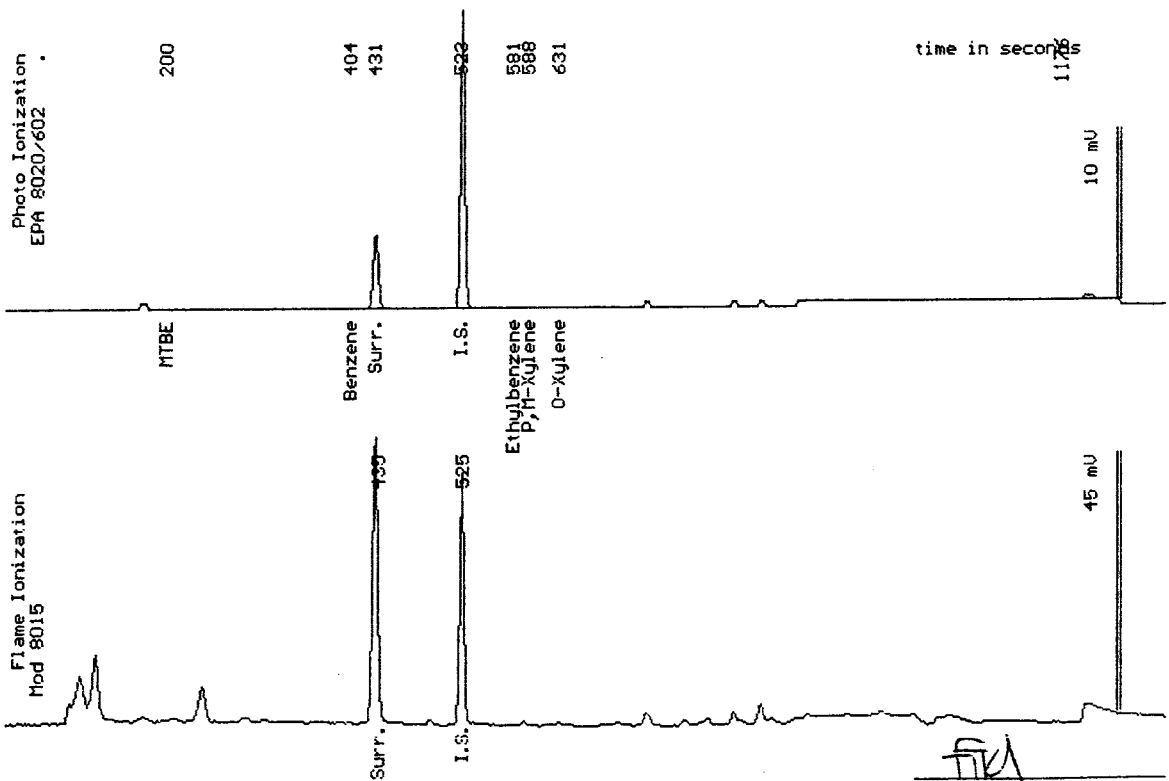
Sample Log 22877

22877-15

Sample: **PG15-13A,B**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		104 %



Date Analyzed: 08-27-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

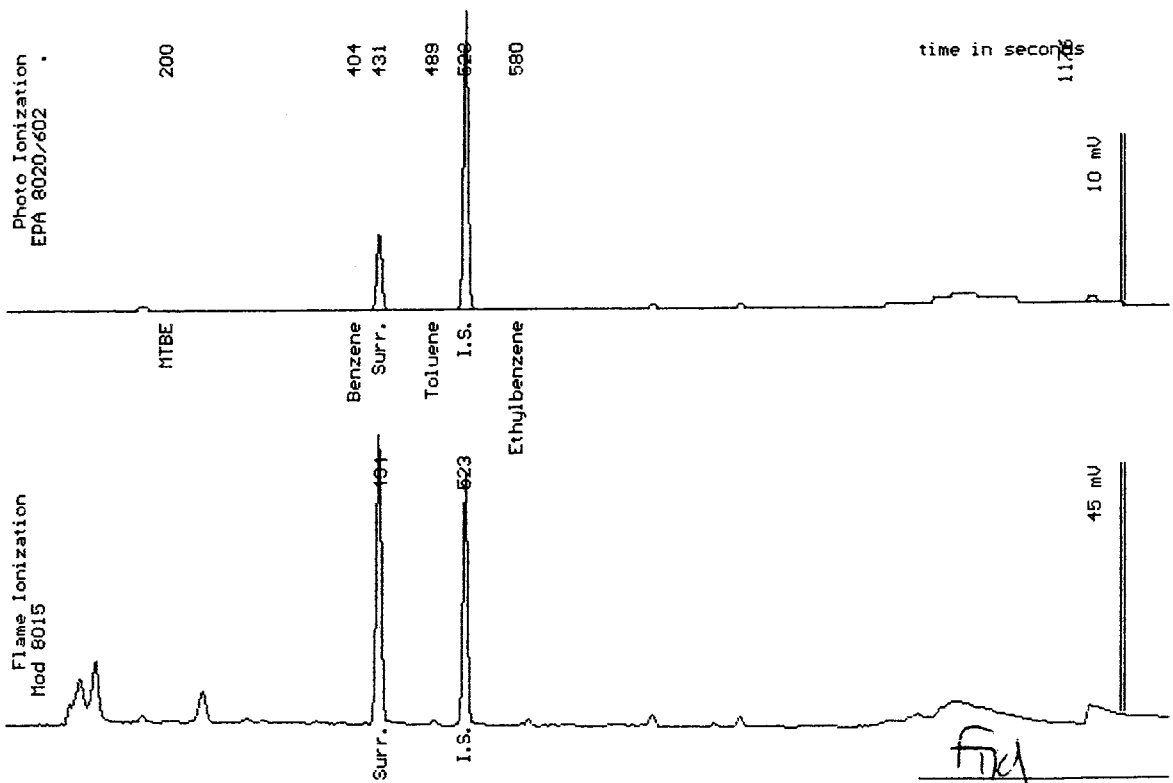
Sample Log 22877

22877-16

Sample: **PG11-2A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Dilution : 1:1 Run Log : 4199S
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	<1.0
Surrogate Recovery		99 %



Date Analyzed: 08-28-01
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

August 28, 2001
Sample Log 22877

QC Report for EPA 8021 & Modified EPA 8015
Run Log : 4199R
From : Placer Vineyards (Proj. # 99-426)
Sample(s) Received : 08/20/01

Parameter	Matrix Spike % Recovery	Matrix Spike Duplicate % Recovery	RPD *
Benzene	67	68	1
Ethylbenzene	111	112	0
TPH as Gasoline	138	143	4

* RPD = Relative Percent Difference

Parameter	Laboratory Control Sample % Recovery
Benzene	67
Ethylbenzene	110
Gasoline	141

Parameter	Method Blank
Benzene	<0.0050 mg/Kg
Toluene	<0.0050 mg/Kg
Ethylbenzene	<0.0050 mg/Kg
Total Xylenes	<0.0050 mg/Kg
TPH as Gasoline	<1.0 mg/Kg

Tom Kwoka
Lab Director

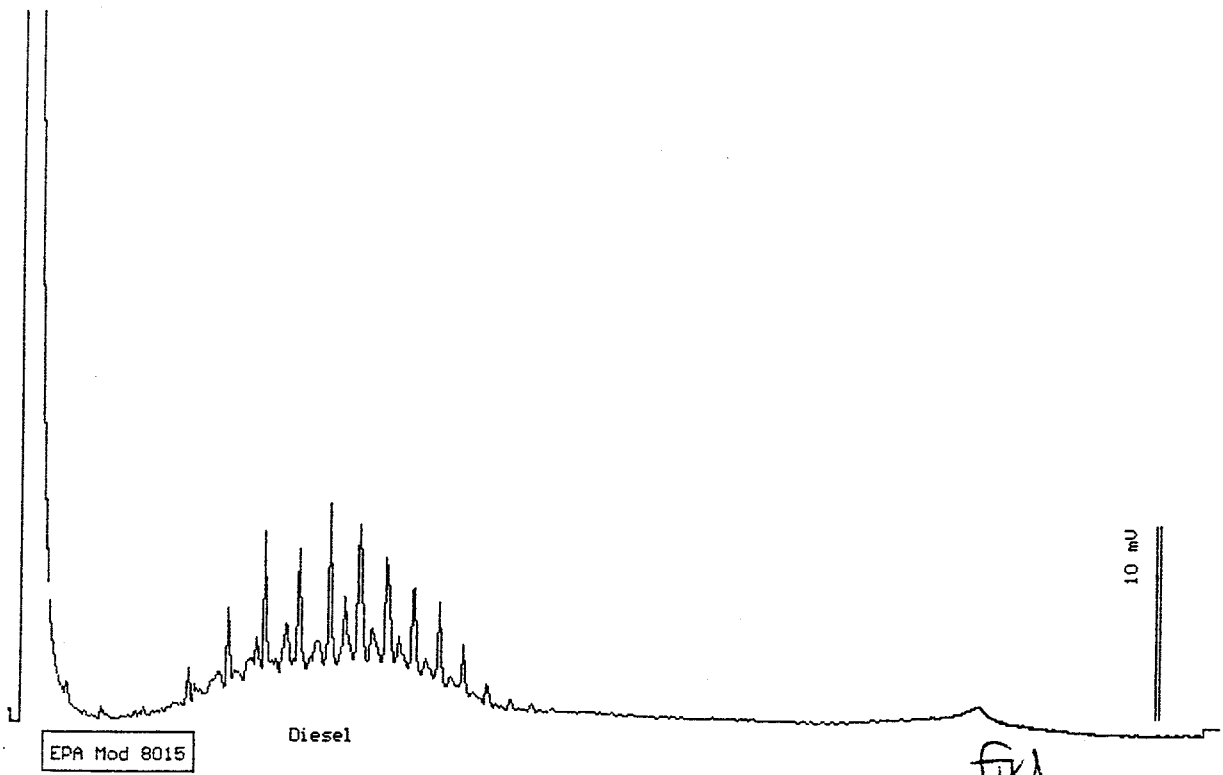
ACCULABS, INC.

Sample Log 22877
22877-01

Sample: **PG7-3**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	5.4
TPH as Motor Oil	(10)	<10



Date: 08-27-01 Time: 11:54:02
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

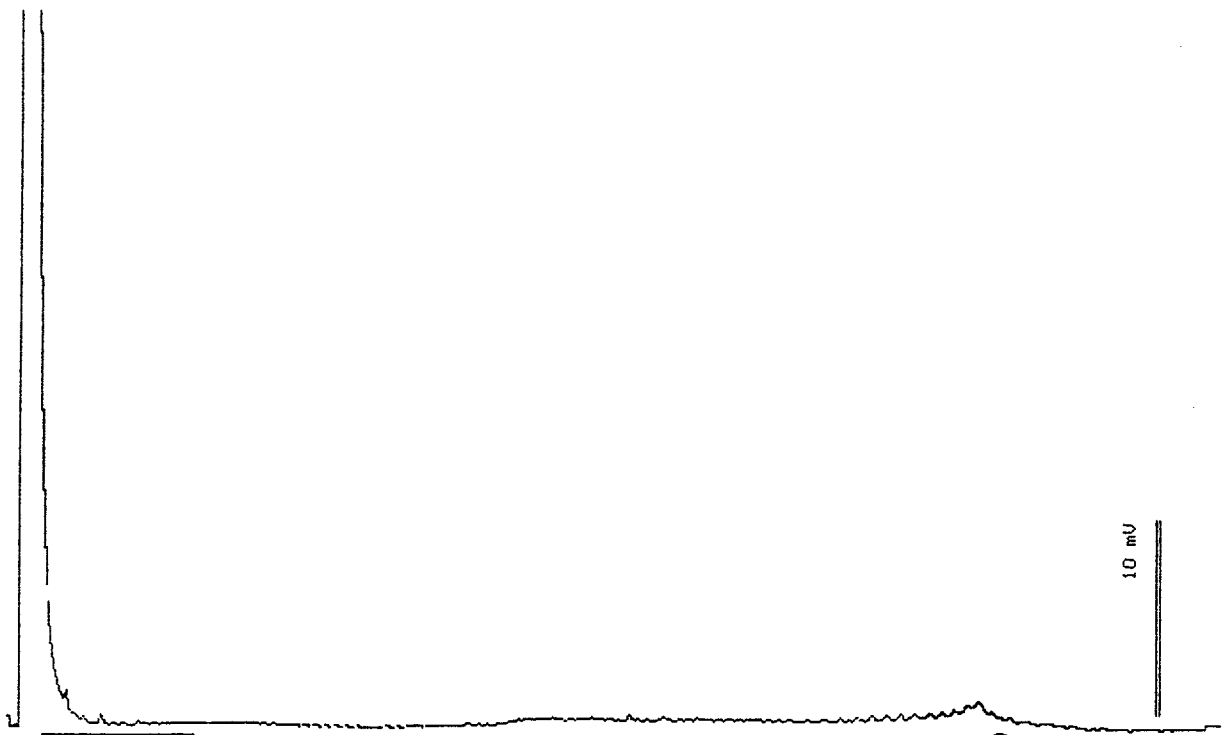
ACCULABS, INC.

Sample Log 22877
22877-02

Sample: **PG7-4**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10



EPA Mod 8015

Date: 08-27-01 Time: 12:27:48
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steven Podolsky
Senior Chemist

ACCULABS, INC.

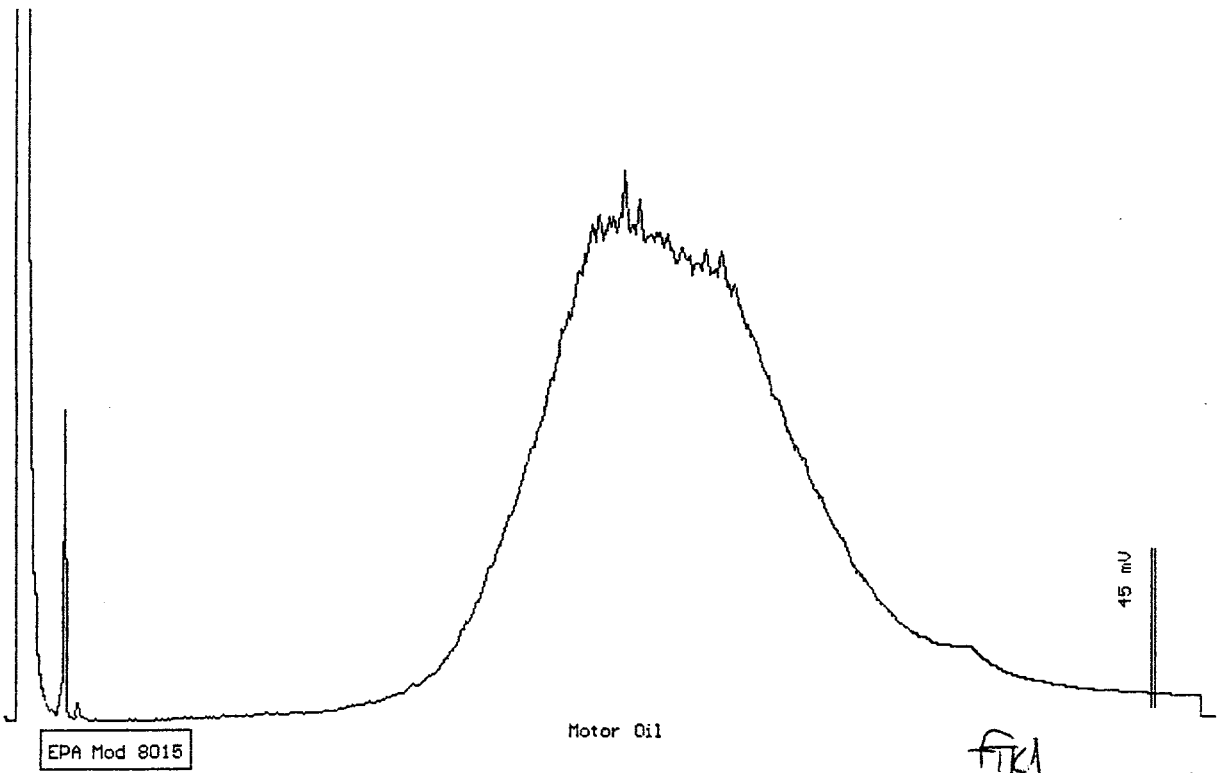
Sample Log 22877
22877-05

Sample: **PG15-4A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:100 Run Log : 7503C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(800)	<800 *
TPH as Motor Oil	(200)	17000

* Increased reporting limit to due to oil range interference.



Date: 08-28-01 Time: 19:06:44
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Rodolsky
Senior Chemist

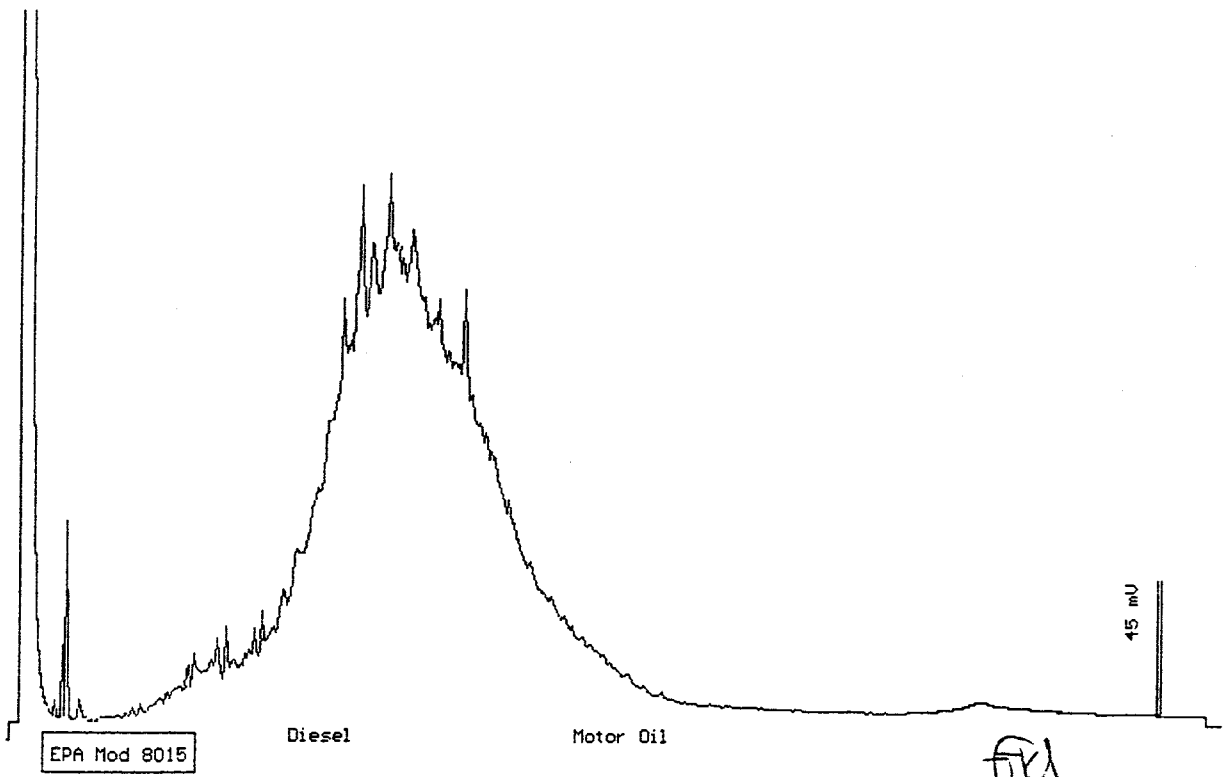
ACCULABS, INC.

Sample Log 22877
22877-06

Sample: **PG15-5A,B**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:20 Run Log : 7503C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(20)	3300
TPH as Motor Oil	(40)	71



Date: 08-28-01 Time: 19:40:08
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Podolsky
Senior Chemist

ACCULABS, INC.

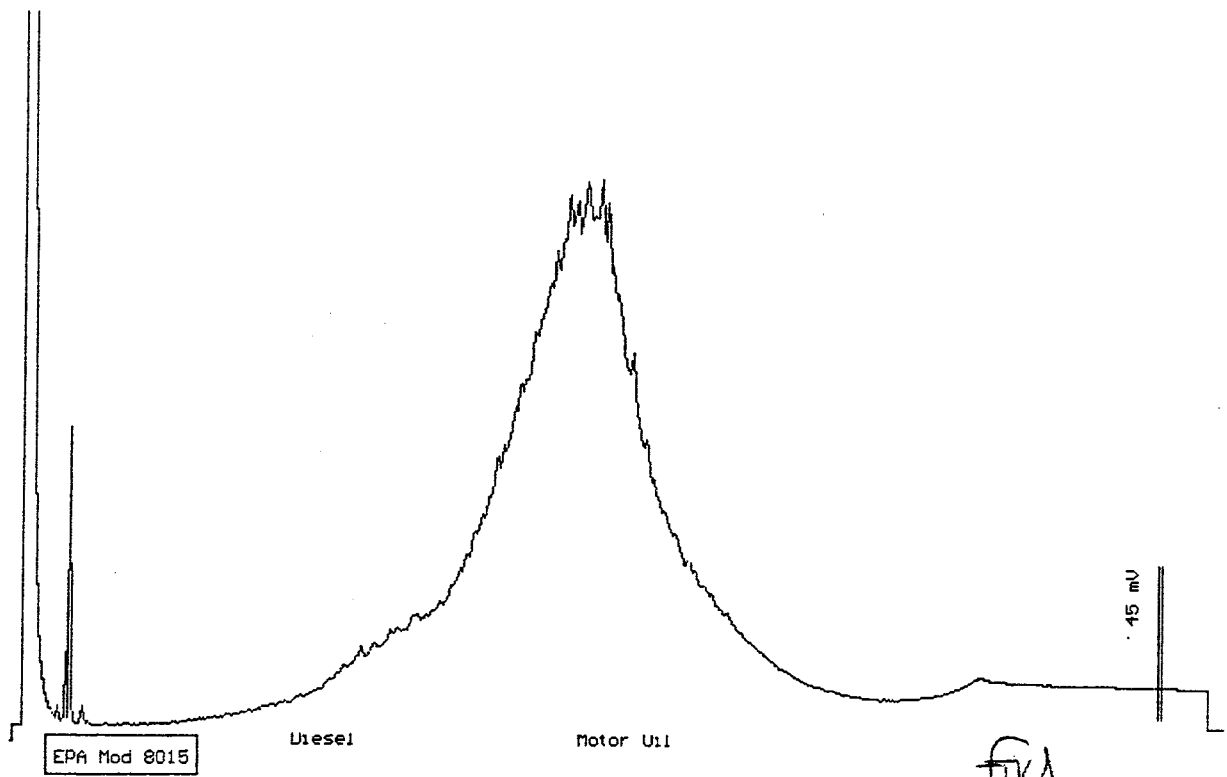
Sample Log 22877
22877-07

Sample: **PG15-5.1A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:20 Run Log : 7503D
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(600)	<600 *
TPH as Motor Oil	(40)	2600

* Increased reporting limit due to oil range interference.



Date: 08-29-01 Time: 12:26:14
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

ACCULABS, INC.

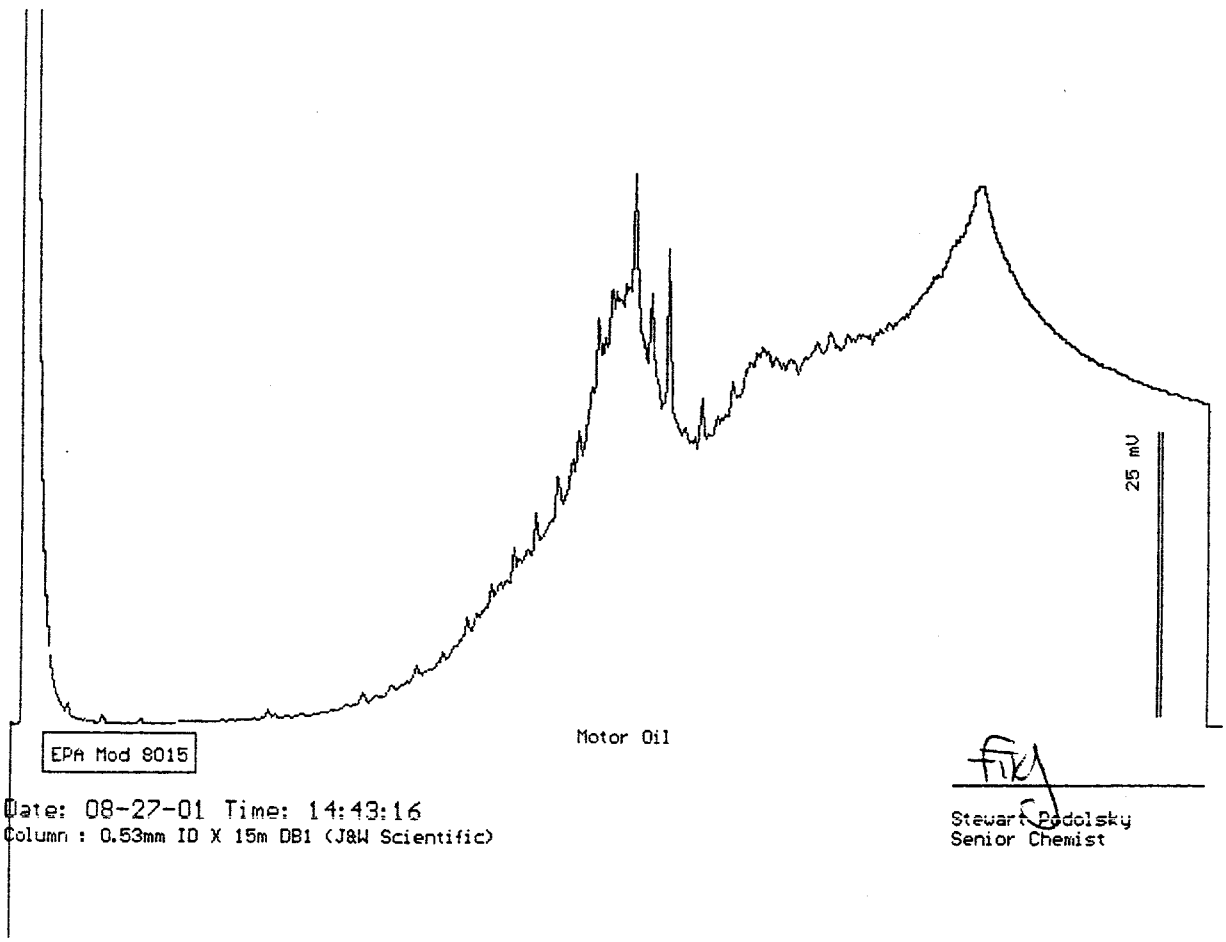
Sample Log 22877
22877-08

Sample: **PG15-6A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:2 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(6.0)	<6.0 *
TPH as Motor Oil	(10)	100

* Increased reporting limit due to oil range interference.



Date: 08-27-01 Time: 14:43:16
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

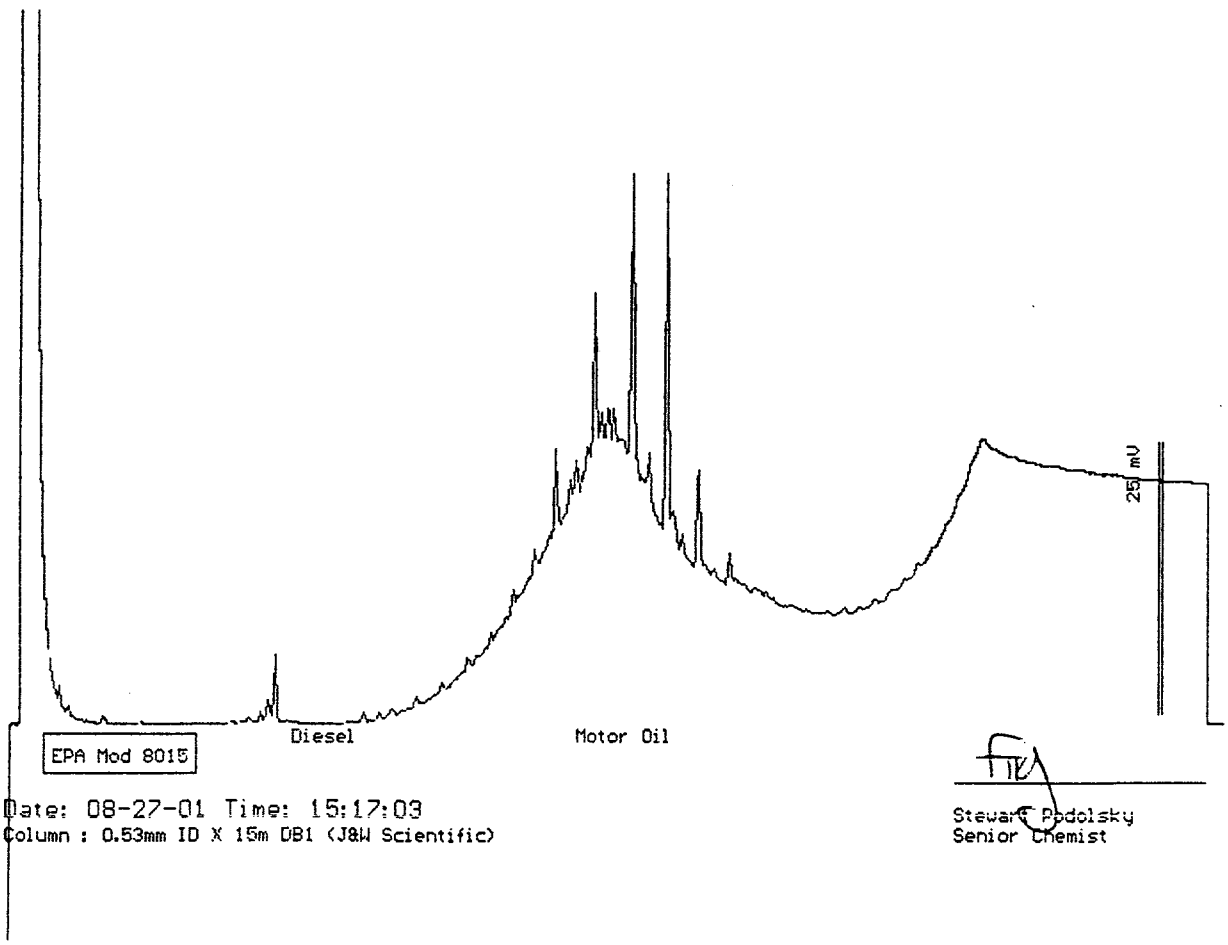
ACCULABS, INC.

Sample Log 22877
22877-09

Sample: **PG15-7A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	1.1
TPH as Motor Oil	(10)	28



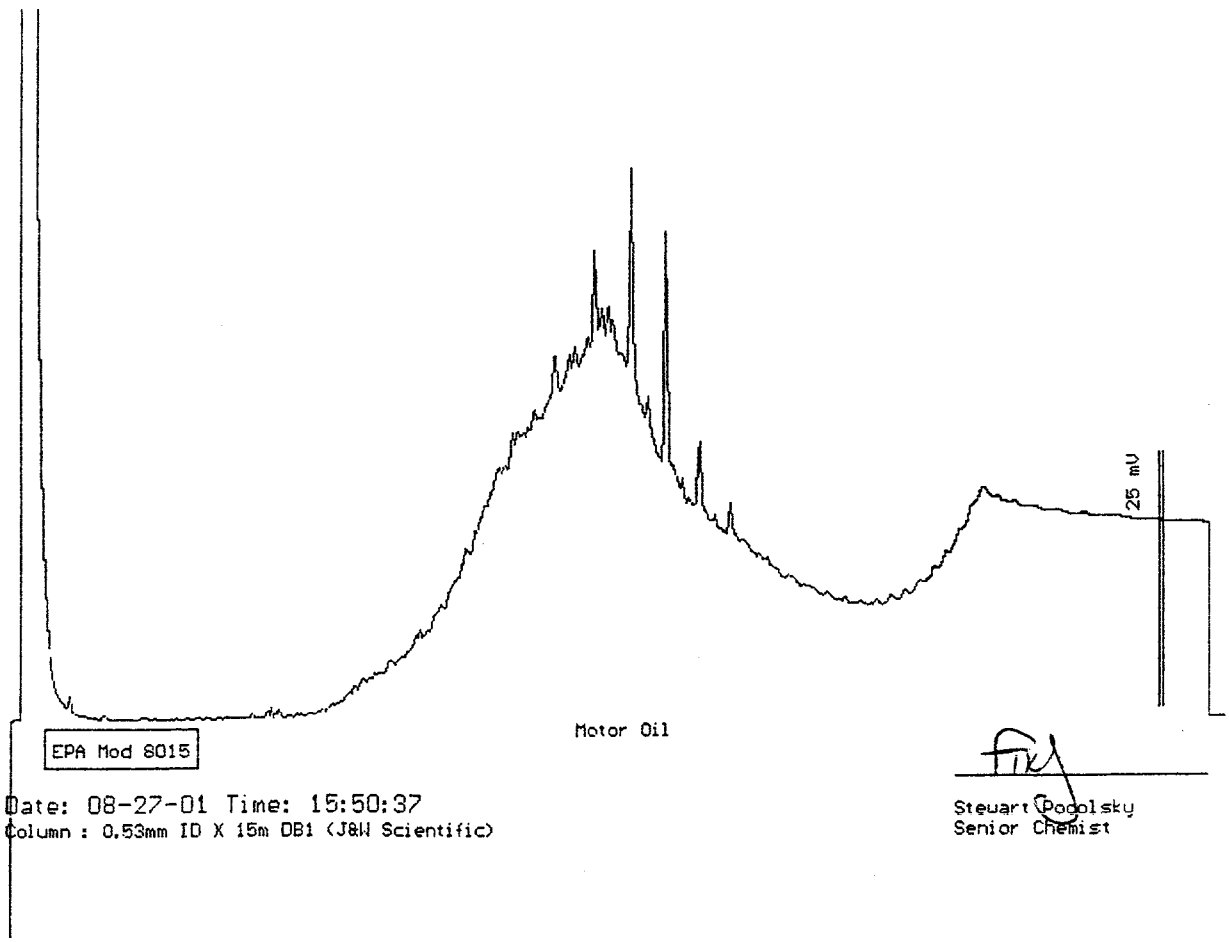
ACCULABS, INC.

Sample Log 22877
22877-10

Sample: **PG15-8A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	44



Date: 08-27-01 Time: 15:50:37
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Pogolsky
Senior Chemist

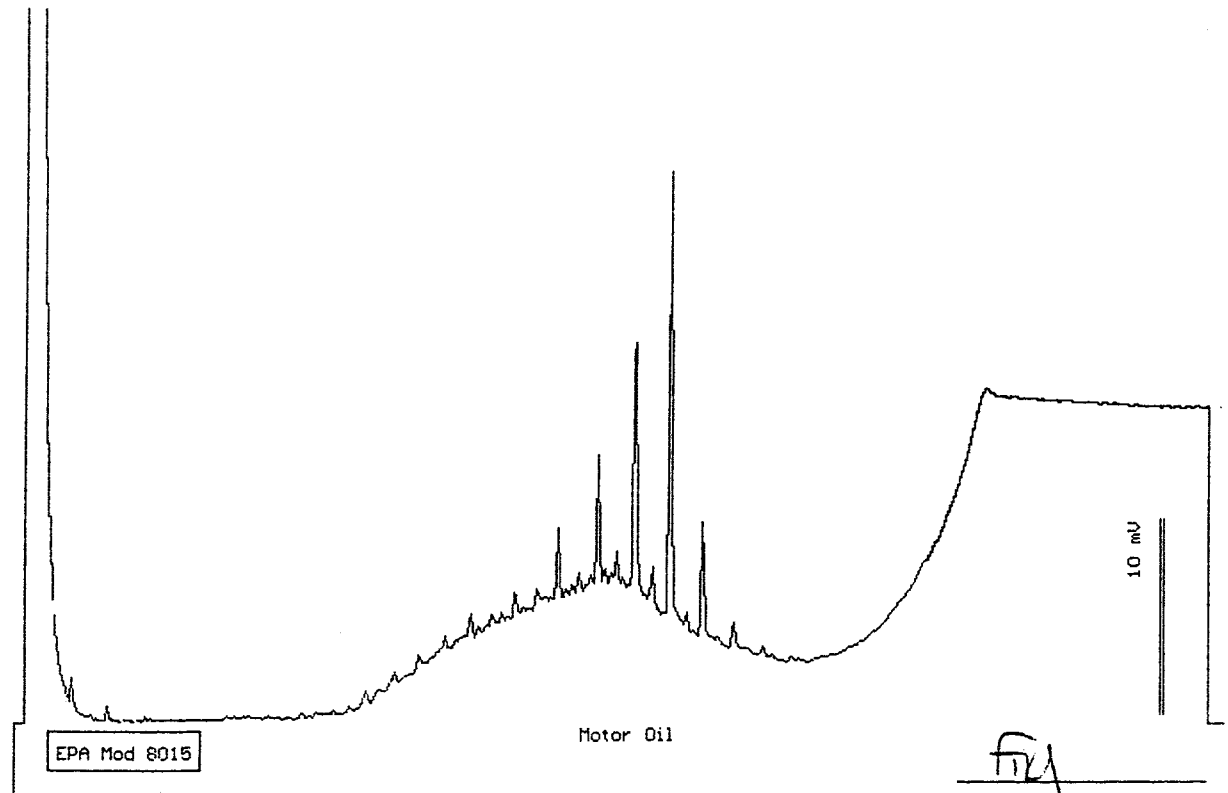
ACCULABS, INC.

Sample Log 22877
22877-11

Sample: **PG15-9A,B,C,D**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	12



Date: 08-27-01 Time: 16:24:19
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Podolsky
Senior Chemist

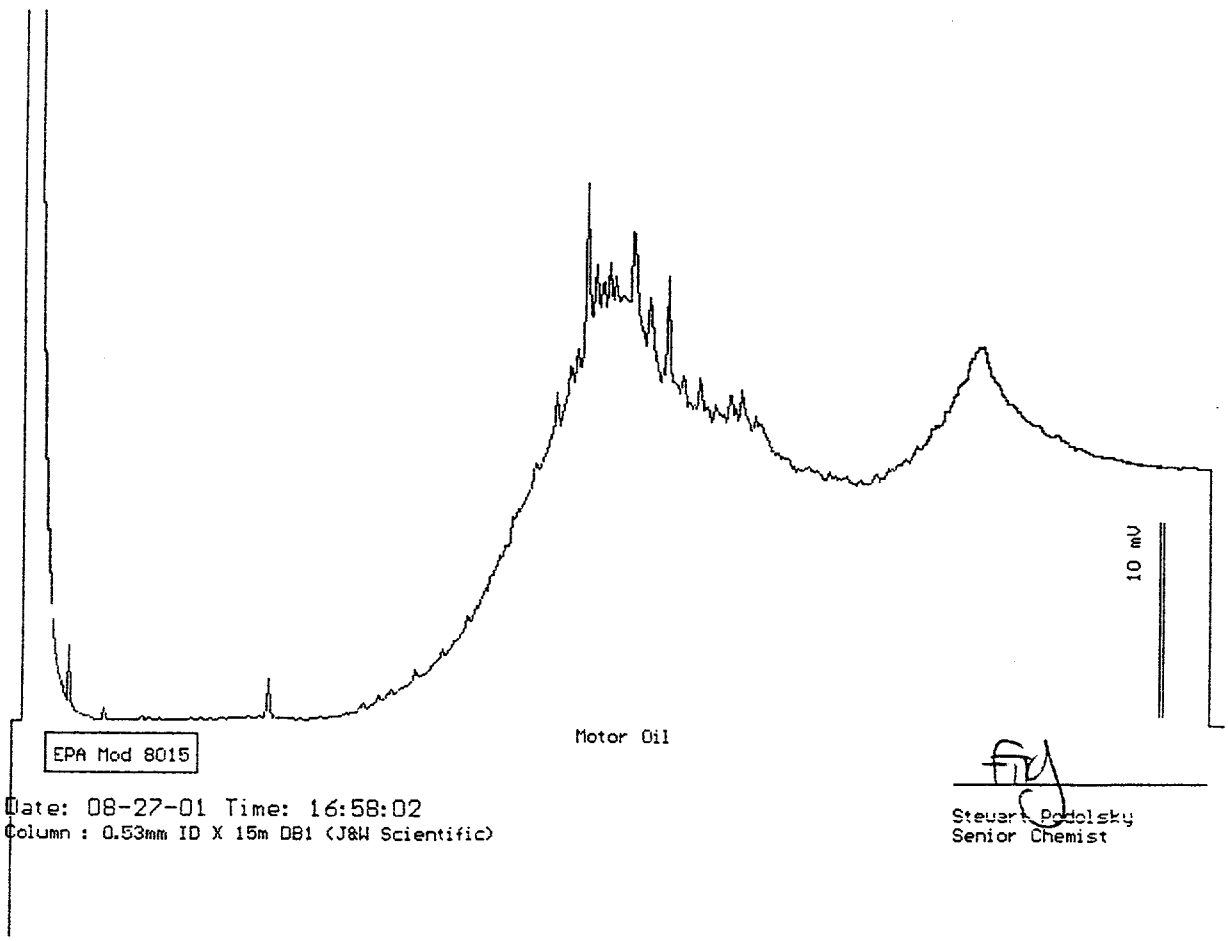
ACCULABS, INC.

Sample Log 22877
22877-13

Sample: **PG15-11A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:2 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(2.0)	<2.0
TPH as Motor Oil	(10)	57



Date: 08-27-01 Time: 16:58:02
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Podolsky
Senior Chemist

ACCULABS, INC.

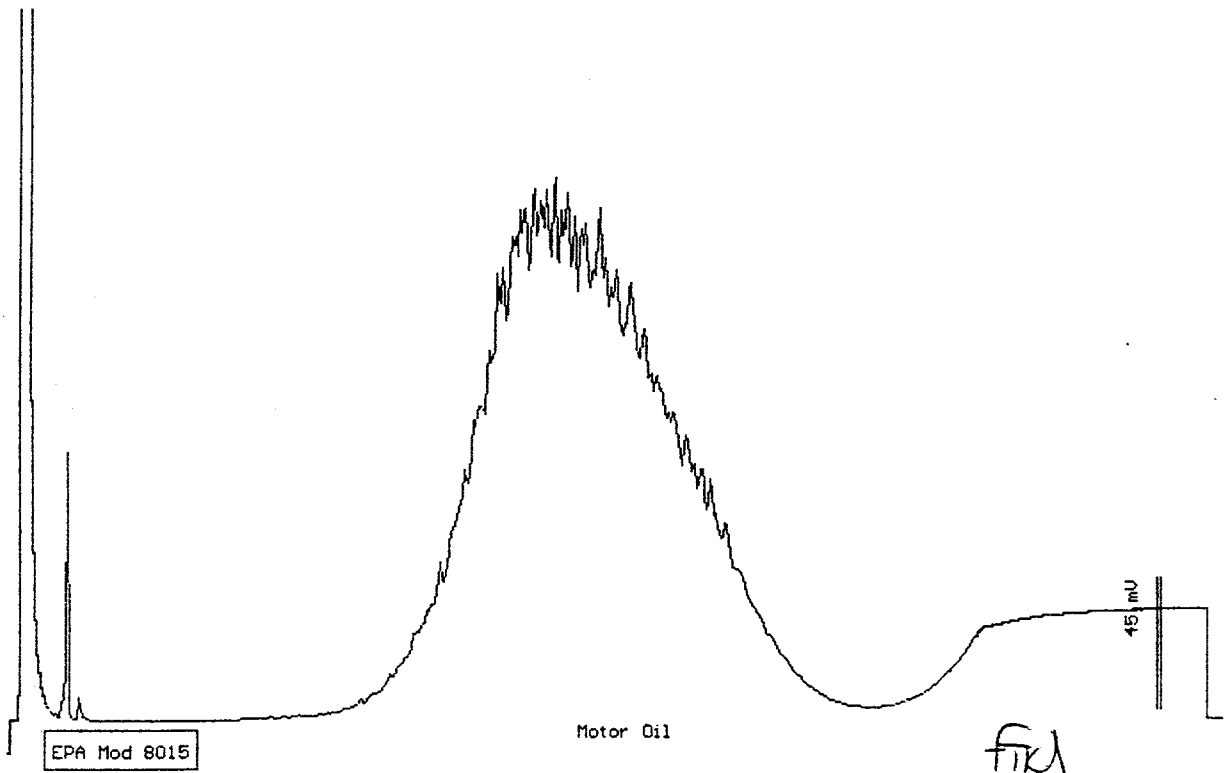
Sample Log 22877
22877-14

Sample: **PG15-12A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:100 Run Log : 7503D
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(2100)	<2100 *
TPH as Motor Oil	(200)	17000

* Increased reporting limit due to oil range interference.



Date: 08-29-01 Time: 13:00:38
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

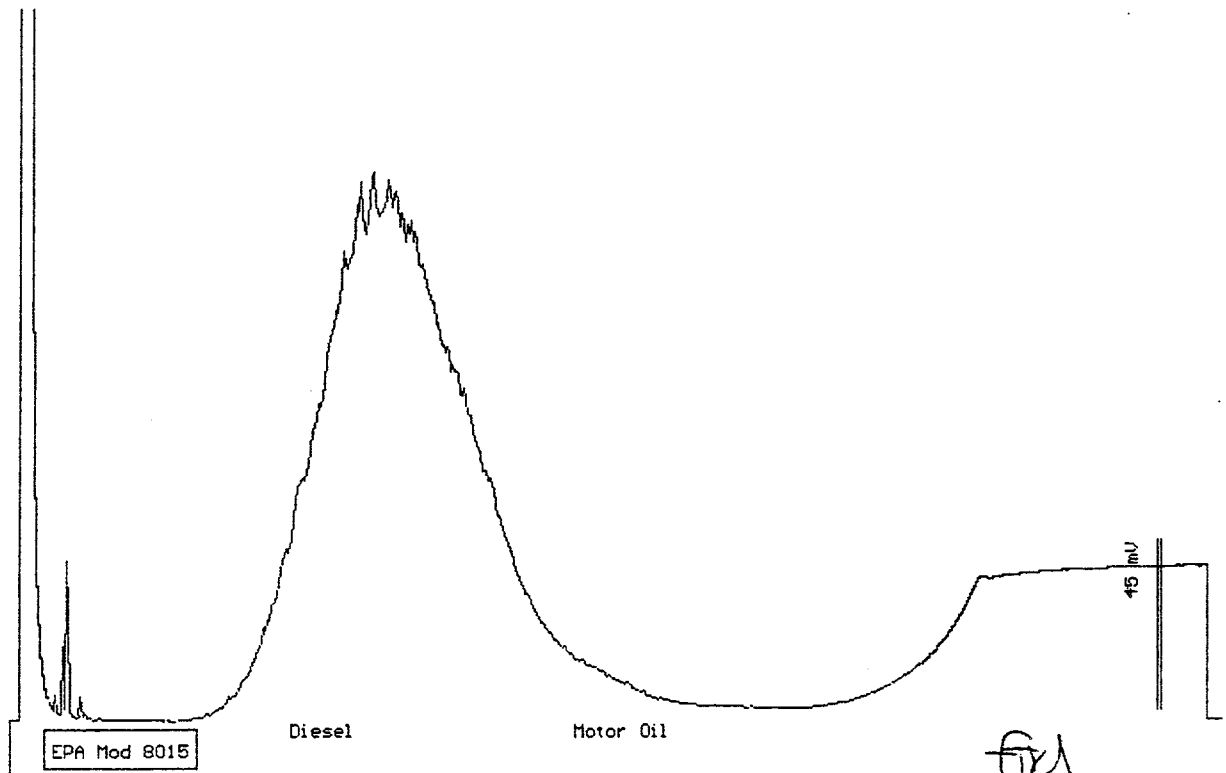
ACCULABS, INC.

Sample Log 22877
22877-15

Sample: **PG15-13A,B**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:10 Run Log : 7503C
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(10)	1300
TPH as Motor Oil	(20)	65



Date: 08-28-01 Time: 21:20:33
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Steuart Podolsky
Senior Chemist

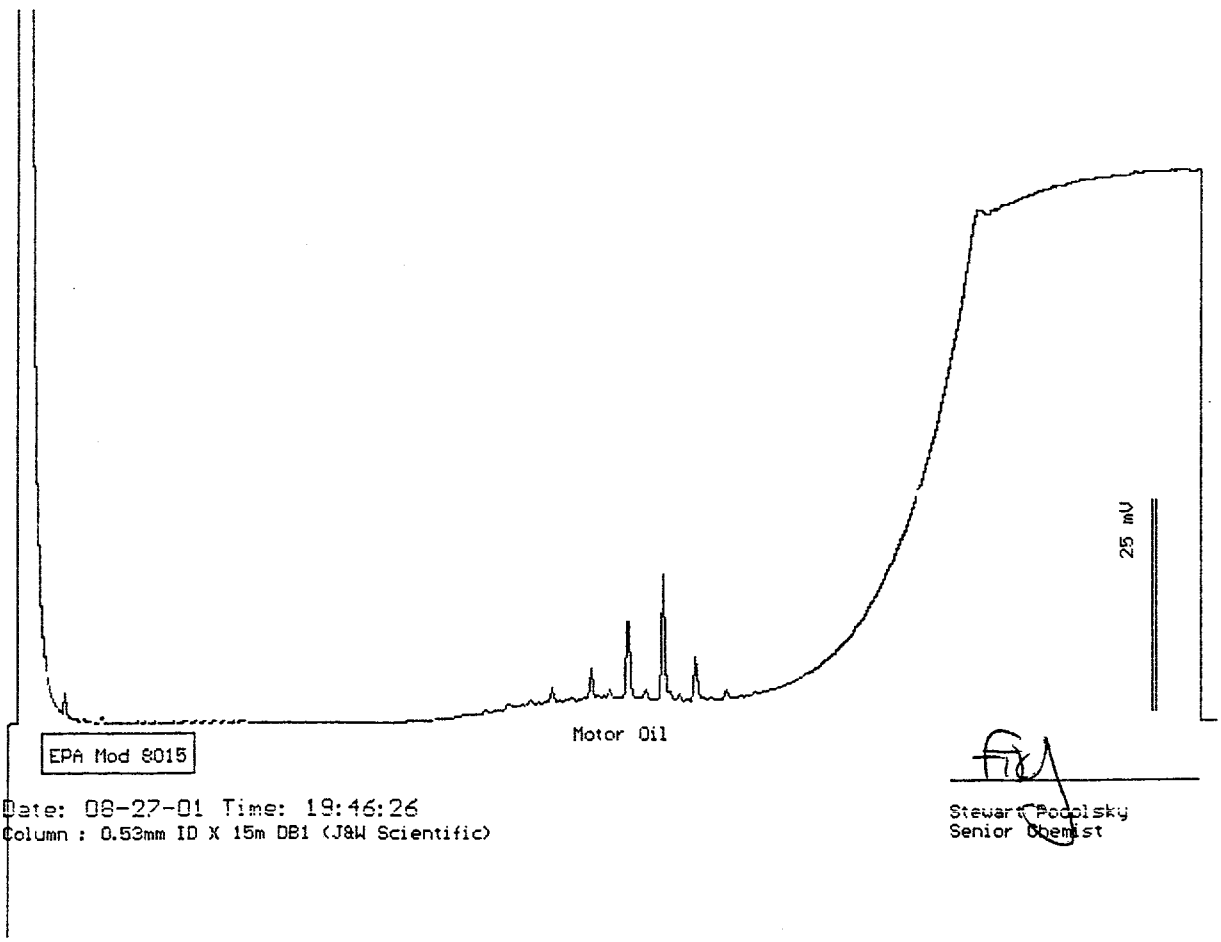
ACCULABS, INC.

Sample Log 22877
22877-16

Sample: **PG11-2A,B,C**

From : Placer Vineyards (Proj. # 99-426)
Sampled : 08/16/01
Extracted: 08/27/01 QC Batch : DS010807
Dilution : 1:1 Run Log : 7503A
Matrix : Soil

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10



Date: 08-27-01 Time: 19:46:26
Column : 0.53mm ID X 15m DB1 (J&W Scientific)

Stewart Podolsky
Senior Chemist

Acculabs Inc. - Davis

ACCULABS, INC.

TPH Diesel by 8015 Mod QC Report

Matrix:	Soil
QC Batch:	DS010807
QC Limits Set:	5/30/01

Date Extracted:	8/27/01
Date Analyzed:	8/27/01

Parameter	Spike Conc mg/Kg	LCS % Rec	Matrix spike % Rec	Matrix spike dup % Rec	RPD	Control Chart Limits Lower	Control Chart Limits Upper
TPH as Diesel	33	92	80	82	2.5	72	136

Method Blank	MDL mg/Kg	Measured Value mg/Kg
TPH as Diesel	(1.0)	<1.0
TPH as Motor Oil	(10)	<10

Spiked Sample ID : 22877-01

Tom Kwoka

Laboratory Director

C:\EXCEL\QC\DS010807.xls

ACCULABS, INC.

Sample Log 22877
August 30, 2001

Project Name : Placer Vineyards
Project Number : 99-426

Date Received : 08/20/01

Sample : PG15-2
Lab ID : 22877-03

Matrix : Soil **Sampled : 08/16/01**

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	225	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-3A,B,C
Lab ID : 22877-04

Matrix : Soil **Sampled : 08/16/01**

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	740	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-4A,B,C
Lab ID : 22877-05

Matrix : Soil **Sampled : 08/16/01**

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	40,000	50	mg/Kg	EPA 1664	08/27/01

MRL = Method Reporting Limit

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22877
August 30, 2001

Project Name : Placer Vineyards
Project Number : 99-426

Date Received : 08/20/01

Sample : PG15-5.1A,B,C **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-07

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	3000	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-6A,B,C,D **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-08

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	1100	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-7A,B,C **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-09

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	190	50	mg/Kg	EPA 1664	08/27/01

MRL = Method Reporting Limit

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22877
August 30, 2001

Project Name : Placer Vineyards
Project Number : 99-426

Date Received : 08/20/01

Sample : PG15-8A,B,C,D **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-10

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	370	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-9A,B,C,D **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-11

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	200	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-10A,B **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-12

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	190	50	mg/Kg	EPA 1664	08/27/01

MRL = Method Reporting Limit

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22877
August 30, 2001

Project Name : Placer Vineyards
Project Number : 99-426

Date Received : 08/20/01

Sample : PG15-11A,B,C **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-13

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	300	50	mg/Kg	EPA 1664	08/27/01

Sample : PG15-12A,B,C **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-14

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	17,000	50	mg/Kg	EPA 1664	08/27/01

Sample : PG11-2A,B,C **Matrix : Soil** **Sampled : 08/16/01**

Lab ID : 22877-16

Parameter	Result	MRL	Units	Analysis Method	Date Analyzed
Oil and Grease - HEM	50	50	mg/Kg	EPA 1664	08/27/01

MRL = Method Reporting Limit

Approved By : Tom Kwoka

Acculabs Inc. - Davis

ACCULABS, INC.

Oil and Grease by 9071B QC Report

Matrix: Soil

QC Batch: OGS010401

Date Analyzed: 8/27/01

QC Limits Set: 4/28/01

Parameter	Spike Conc mg/Kg	LCS % Rec	LCSD % Rec	RPD
Oil and Grease	2000	99	100	0.5

Control Chart Limits	
Lower	Upper
78	114

Method Blank	MRL mg/Kg	Measured value mg/Kg
Oil and Grease	50	<50

Tom Kwoka

Laboratory Director

C:\QC Reports\Oil and Grease\OS010803.xls

ACCULABS, INC.

Sample Log 22877
August 28, 2001

EPA 8270C

Sample Name : **PG11-2A,B,C**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/16/01
Date Extracted : 08/24/01
Extr. Method : EPA 3550
QC Batch : BS010805

Date Analyzed : 08/24/01
Date Received : 08/20/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22877-16

Parameter	MRL	Measured Conc.	Units
N-Nitrosodimethylamine	0.67	<0.67	mg/Kg
Phenol	0.67	<0.67	mg/Kg
Aniline	0.67	<0.67	mg/Kg
bis(2-Chloroethyl)ether	0.67	<0.67	mg/Kg
2-Chlorophenol	0.67	<0.67	mg/Kg
1,3-Dichlorobenzene	0.67	<0.67	mg/Kg
1,4-Dichlorobenzene	0.67	<0.67	mg/Kg
Benzyl Alcohol	0.67	<0.67	mg/Kg
1,2-Dichlorobenzene	0.67	<0.67	mg/Kg
2-Methylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroisopropyl)ether	0.67	<0.67	mg/Kg
4-Methylphenol	0.67	<0.67	mg/Kg
N-Nitroso-di-n-propylamine	0.67	<0.67	mg/Kg
Hexachloroethane	0.67	<0.67	mg/Kg
Nitrobenzene	0.67	<0.67	mg/Kg
Isophorone	0.67	<0.67	mg/Kg
2-Nitrophenol	0.67	<0.67	mg/Kg
2,4-Dimethylphenol	0.67	<0.67	mg/Kg
bis(2-Chloroethoxy)methane	0.67	<0.67	mg/Kg
2,4-Dichlorophenol	0.67	<0.67	mg/Kg
Benzoic Acid	0.67	<0.67	mg/Kg
1,2,4-Trichlorobenzene	0.67	<0.67	mg/Kg
Naphthalene	0.67	<0.67	mg/Kg
4-Chloroaniline	1.3	<1.3	mg/Kg
Hexachlorobutadiene	0.67	<0.67	mg/Kg
4-Chloro-3-methylphenol	1.3	<1.3	mg/Kg
2-Methylnaphthalene	0.67	<0.67	mg/Kg
Hexachlorocyclopentadiene	0.67	<0.67	mg/Kg
2,4,6-Trichlorophenol	0.67	<0.67	mg/Kg
2,4,5-Trichlorophenol	0.67	<0.67	mg/Kg
2-Chloronaphthalene	0.67	<0.67	mg/Kg
2-Nitroaniline	3.3	<3.3	mg/Kg
Dimethylphthalate	0.67	<0.67	mg/Kg

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22877
August 28, 2001

EPA 8270C

Sample Name : **PG11-2A,B,C**

Project Name : Placer Vineyards
Project Number : 99-426
Sample Date : 08/16/01
Date Extracted : 08/24/01
Extr. Method : EPA 3550
QC Batch : BS010805

Date Analyzed : 08/24/01
Date Received : 08/20/01
Dilution : 1:1
Sample Matrix : Soil
Lab Number : 22877-16

Parameter	MRL	Measured Conc.	Units
2,6-Dinitrotoluene	0.67	<0.67	mg/Kg
Acenaphthylene	0.67	<0.67	mg/Kg
3-Nitroaniline	3.3	<3.3	mg/Kg
Acenaphthene	0.67	<0.67	mg/Kg
2,4-Dinitrophenol	3.3	<3.3	mg/Kg
4-Nitrophenol	3.3	<3.3	mg/Kg
Dibenzofuran	0.67	<0.67	mg/Kg
2,4-Dinitrotoluene	0.67	<0.67	mg/Kg
Diethylphthalate	0.67	<0.67	mg/Kg
4-Chlorophenyl-phenylether	0.67	<0.67	mg/Kg
Fluorene	0.67	<0.67	mg/Kg
4-Nitroaniline	3.3	<3.3	mg/Kg
4,6-Dinitro-2-methylphenol	3.3	<3.3	mg/Kg
N-Nitrosodiphenylamine	0.67	<0.67	mg/Kg
Azobenzene	0.67	<0.67	mg/Kg
4-bromophenyl Phenyl Ether	0.67	<0.67	mg/Kg
Hexachlorobenzene	0.67	<0.67	mg/Kg
Pentachlorophenol	3.3	<3.3	mg/Kg
Phenanthrene	0.67	<0.67	mg/Kg
Anthracene	0.67	<0.67	mg/Kg
Di-n-butylphthalate	0.67	<0.67	mg/Kg
Fluoranthene	0.67	<0.67	mg/Kg
Benzidine	1.3	<1.3	mg/Kg
Pyrene	0.67	<0.67	mg/Kg
Butylbenzylphthalate	0.67	<0.67	mg/Kg
Benzo(a)anthracene	0.67	<0.67	mg/Kg
3-3'-Dichlorobenzidine	1.3	<1.3	mg/Kg
Chrysene	0.67	<0.67	mg/Kg
bis(2-Ethylhexyl)phthalate	0.67	<0.67	mg/Kg
Di-n-octylphthalate	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

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Sample Log 22877
August 28, 2001

EPA 8270C

Sample Name : **PG11-2A,B,C**

Project Name	: Placer Vineyards	Date Analyzed	: 08/24/01
Project Number	: 99-426	Date Received	: 08/20/01
Sample Date	: 08/16/01	Dilution	: 1:1
Date Extracted	: 08/24/01	Sample Matrix	: Soil
Extr. Method	: EPA 3550	Lab Number	: 22877-16
QC Batch	: BS010805		

Parameter	MRL	Measured Conc.	Units
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
2-Fluorophenol		86	% Recovery
Phenol-d5		88	% Recovery
Nitrobenzene-d5		92	% Recovery
2-Fluorobiphenyl		92	% Recovery
2,4,6-Tribromophenol		96	% Recovery
Terphenyl-d14		104	% Recovery

MRL = Method Reporting Limit

B = Parameter detected in Method Blank.

E = Concentration exceeded calibration range.

Approved By : Tom Kwoka

ACCULABS, INC.

Acculabs Inc. - Davis

EPA 8270C QC Report

Matrix: Soil	Date Extracted: 8/24/01
QC Batch: BS010805	Date Analyzed: 8/24/01
QC Limits Set: 11/3/00	MS/MSD Sample ID: 22877-16

Parameter	Spike Conc mg/Kg	MS % Rec	MSD % Rec	RPD	LCS % Rec	Control Chart Limits Lower	Control Chart Limits Upper
Phenol	6.67	72	77	6.5	76	49	107
2-Chlorophenol	6.67	79	83	4.5	83	52	110
1,4-Dichlorobenzene	3.33	72	77	6.9	80	50	114
N-Nitroso-di-n-propylamine	3.33	80	84	5.1	86	47	119
1,2,4-Trichlorobenzene	3.33	75	77	3.1	80	50	129
4-Chloro-3-methylphenol	6.67	87	91	4.7	85	42	125
Acenaphthene	3.33	82	85	2.9	83	58	119
4-Nitrophenol	6.67	74	79	7.4	85	24	126
2,4-Dinitrotoluene	3.33	81	87	6.8	86	34	127
Pentachlorophenol	6.67	89	93	4.0	90	48	139
Pyrene	3.33	88	90	2.6	91	34	106

Surrogate Compounds	Control Chart Limits Lower	Control Chart Limits Upper
2-Fluorophenol	51	113
Phenol-d5	56	120
Nitrobenzene-d5	61	121
2-Fluorobiphenyl	65	113
2,4,6-Tribromophenol	41	113
Terphenyl-d14	54	120

Tom Kwoka
Laboratory Director

C:\EXCEL\QC\BS010805.XLS

Laboratory Report

ACCULABS, INC.

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

ELAP No.: 2326
Received: 08/22/01
Lab Sample ID: 5-108-120
Reported: 08/24/01

Phone: 530-757-0920 Fax: 530-753-6091

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/16/01

Parameter	Method	Results	Units	Analyzed
22877-03 / PG15-2				
Cadmium	6010B	0.10	mg/Kg	08/24/01
Chromium	6010B	16	mg/Kg	08/24/01
Lead	6010B	10	mg/Kg	08/24/01
Nickel	6010B	5.2	mg/Kg	08/24/01
Zinc	6010B	31	mg/Kg	08/24/01
22877-04 / PG15-3A,B,C				
Cadmium	6010B	0.42	mg/Kg	08/24/01
Chromium	6010B	26	mg/Kg	08/24/01
Lead	6010B	11	mg/Kg	08/24/01
Nickel	6010B	24	mg/Kg	08/24/01
Zinc	6010B	66	mg/Kg	08/24/01
22877-05 / PG15-4A,B,C				
Cadmium	6010B	0.25	mg/Kg	08/24/01
Chromium	6010B	19	mg/Kg	08/24/01
Lead	6010B	9.3	mg/Kg	08/24/01
Nickel	6010B	17	mg/Kg	08/24/01
Zinc	6010B	95	mg/Kg	08/24/01
22877-07 / PG-15-5.1A,B,C				
Cadmium	6010B	0.15	mg/Kg	08/24/01
Chromium	6010B	21	mg/Kg	08/24/01
Lead	6010B	6.7	mg/Kg	08/24/01
Nickel	6010B	15	mg/Kg	08/24/01
Zinc	6010B	34	mg/Kg	08/24/01

ACCULABS, INC.

Laboratory Report

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

Phone: 530-757-0920 Fax: 530-753-6091

ELAP No.: 2326
Received: 08/22/01
Lab Sample ID: 5-108-120
Reported: 08/24/01

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/16/01

Parameter	Method	Results	Units	Analyzed
22877-08 / PG15-6A,B,C,D				
Cadmium	6010B	0.13	mg/Kg	08/24/01
Chromium	6010B	20	mg/Kg	08/24/01
Lead	6010B	5.1	mg/Kg	08/24/01
Nickel	6010B	13	mg/Kg	08/24/01
Zinc	6010B	40	mg/Kg	08/24/01
22877-09 / PG15-7A,B,C				
Cadmium	6010B	0.19	mg/Kg	08/24/01
Chromium	6010B	56	mg/Kg	08/24/01
Lead	6010B	11	mg/Kg	08/24/01
Nickel	6010B	11	mg/Kg	08/24/01
Zinc	6010B	71	mg/Kg	08/24/01
22877-10 / PG15-8A,B,C,D				
Cadmium	6010B	0.12	mg/Kg	08/24/01
Chromium	6010B	20	mg/Kg	08/24/01
Lead	6010B	5.5	mg/Kg	08/24/01
Nickel	6010B	9.0	mg/Kg	08/24/01
Zinc	6010B	20	mg/Kg	08/24/01
22877-11 / PG15-9A,B,C,D				
Cadmium	6010B	0.094	mg/Kg	08/24/01
Chromium	6010B	18	mg/Kg	08/24/01
Lead	6010B	4.5	mg/Kg	08/24/01
Nickel	6010B	9.2	mg/Kg	08/24/01
Zinc	6010B	19	mg/Kg	08/24/01

ACCULABS, INC.

Laboratory Report

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

Phone: 530-757-0920 Fax: 530-753-6091

ELAP No.: 2326
Received: 08/22/01
Lab Sample ID: 5-108-120
Reported: 08/24/01

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/16/01

Parameter	Method	Results	Units	Analyzed
22877-12 / PG15-10A,B				
Cadmium	6010B	0.42	mg/Kg	08/24/01
Chromium	6010B	20	mg/Kg	08/24/01
Lead	6010B	8.5	mg/Kg	08/24/01
Nickel	6010B	12	mg/Kg	08/24/01
Zinc	6010B	180 M	mg/Kg	08/24/01
22877-13 / PG15-11A,B,C				
Cadmium	6010B	0.22	mg/Kg	08/24/01
Chromium	6010B	28	mg/Kg	08/24/01
Lead	6010B	6.9	mg/Kg	08/24/01
Nickel	6010B	21	mg/Kg	08/24/01
Zinc	6010B	36	mg/Kg	08/24/01
22877-14 / PG15-12A,B,C				
Cadmium	6010B	0.26	mg/Kg	08/24/01
Chromium	6010B	18	mg/Kg	08/24/01
Lead	6010B	9.5	mg/Kg	08/24/01
Nickel	6010B	10	mg/Kg	08/24/01
Zinc	6010B	32	mg/Kg	08/24/01
22877-15 / PG15-13A,B				
Cadmium	6010B	0.27	mg/Kg	08/24/01
Chromium	6010B	26	mg/Kg	08/24/01
Lead	6010B	24	mg/Kg	08/24/01
Nickel	6010B	19	mg/Kg	08/24/01
Zinc	6010B	37	mg/Kg	08/24/01

M = Reported value for this analyte demonstrated a matrix effect.

ACCULABS, INC.

Laboratory Report

Acculabs Inc.
1046 Olive Drive #2
Davis, CA 95616
Attn: Troy Turpen

Phone: 530-757-0920 Fax: 530-753-6091

ELAP No.: 2326
Received: 08/22/01
Lab Sample ID: 5-108-120
Reported: 08/24/01

Project Name/ Number: Placer Vineyards / 99-426
Sample ID: See below
Date/Time Collected: 08/16/01

Parameter	Method	Results	Units	Analyzed
22877-16 / PG-11-2A,B,C				
Cadmium	6010B	0.40	mg/Kg	08/24/01
Chromium	6010B	17	mg/Kg	08/24/01
Lead	6010B	5.8	mg/Kg	08/24/01
Nickel	6010B	8.9	mg/Kg	08/24/01
Zinc	6010B	100	mg/Kg	08/24/01

Michelle Kramer

Michelle Kramer, Lab Manager

Acculabs Inc.

[X] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22877
Report Due Date:

Client CARLTON ENGINEERING INC.
Fax Results (Y) N
Page 2 of 4
Address 3932 PONDEROSA ROAD, SUITE 200
PUBLIC WATER SUPPLY INFORMATION
City, State & Zip SHINGLE SPRINGS, CA 95682
System Name
Contact MICHAEL VANDER DUSSEN
PWS No.
Report to State/EPA Y N
Phone 530 677-5515
Collector's Name H.E./MV
POE No.
DWR No.
Fax 530 672-7585
Project Name PLACER VINEYARDS
Collection Point
P.O. Number
Project Number 99-426
City
County

SAMPLE TYPE CODES

DW = drinking water, TB = travel blank, WW = waste water, SD = solid, MW = monitoring well, SO = soil, HW = hazardous waste, SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard
RUSH
Special

Lab Manager Approval

Analyses Requested: TPH GASOLINE, BTEX, MTBE; TPH DIESEL, MOTOR OIL; WASTE OIL METALS Cd, Cr, Pb, Ni, Zn; OIL & GREASE

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH GASOLINE, BTEX, MTBE	TPH DIESEL, MOTOR OIL	WASTE OIL METALS Cd, Cr, Pb, Ni, Zn	OIL & GREASE	Spl. No.
PG15-5-1A	8-16-01	1540	SO	1					COMPOSITE
" -5.1B	"	1542	"	1	X	X	X	X	01
" -5.1C	"	1550	"	1					
PG15-6A	"	1300	"	1					
" -6B	"	1300	"	1					COMPOSITE
" -6C	"	1320	"	1	X	X	X	X	02
" -6D	"	1325	"	1					
PG15-7A	"	1350	"	1					COMPOSITE
-7B	"	1405	"	1	X	X	X	X	03
-7C	"	1415	"	1					

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8-20-01	1420	[signature]	[signature]
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation

Acculabs Inc.

[X] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22877
Report Due Date:

Client CARLTON ENGINEERING, INC.
Fax Results (Y) N
Page 3 of 4

Address 3932 PONDEROSA ROAD, SUITE 200
City, State & Zip SHINGLE SPRINGS, CA 95682
Contact MICHAEL VANDER DUSSEN
Phone 530, 677-5515
Collector's Name H.E./M.V.
Fax 530-672-7585
Project Name PLACER VINEYARDS
P.O. Number
Project Number 99-426

PUBLIC WATER SUPPLY INFORMATION
System Name
PWS No.
Report to State/EPA Y N
POE No.
DWR No.
Collection Point
City
County

SAMPLE TYPE CODES

DW = drinking water, TB = travel blank
WW = waste water, SD = solid
MW = monitoring well, SO = soil
HW = hazardous waste, SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard
RUSH
Special

Lab Manager Approval

Analyses Requested: TPH GASOLINE, BTEX, MTBE; TPH DIESEL, MOTOR OIL; WASTE OIL METALS Cd Cr Pb Ni Zn; OIL & GREASE

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH GASOLINE, BTEX, MTBE	TPH DIESEL, MOTOR OIL	WASTE OIL METALS Cd Cr Pb Ni Zn	OIL & GREASE	Spl. No.
PG15-8A	8-17-01	814	SO	1					
" -8B 1 SLEEVE	"		"	"					
" -8C	"	820	"	1	X	X	X	X	COMPOSITE
" -8D 1 SLEEVE	"		"	"					
PG15-9A	"	828	"	1					
" -9B 1 SLEEVE	"		"	"					
" -9C	"	835	"	1	X	X	X	X	COMPOSITE
" -9D 1 SLEEVE	"		"	"					
PG15-10A	8-16-01	1440	"	1					COMPOSITE
" -10B	"	1440	"	1			X	X	

Instructions/Comments/Special Requirements: SAMPLES 15-8 & 15-9 SLEEVES A & B, C & D TO BE MIXED BEFORE COMPOSITING FOR SAMPLE ANALYSIS.

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8-20-01	1420	[signature]	[signature]
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation [illegible] are made in writing. This limitation shall apply regardless of the cause of action or legal theory pled or asserted

Acculabs Inc.

[X] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 22877
Report Due Date:

Client CARLTON ENGINEERING, INC.
Fax Results (Y) N
Page 4 of 4

Address 3932 PONDEROSA RD. SUITE 200
City, State & Zip SHINGLE SPRINGS, CA 95682
Contact MICHAEL VANDER DUSSEN
Phone 530 677-5515
Fax 530 672-7585
P.O. Number

Collector's Name H.E./MV.
Project Name PLACER VINEYARDS
Project Number 99-426

PUBLIC WATER SUPPLY INFORMATION
System Name
PWS No.
Report to State/EPA Y N
POE No.
DWR No.
Collection Point
City
County

SAMPLE TYPE CODES

DW = drinking water, TB = travel blank
WW = waste water, SD = solid
MW = monitoring well, SO = soil
HW = hazardous waste, SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

Analyses Requested

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	TPH Gasoline, BTEX, MTBE	TPH Diesel, Motor Oil	Waste Oil, Metals Cd, Cr, Pb, Ni, Zn	Oil & Grease	Semi Volatile Organics (GC/MS)								Spl. No.
PG15-11A	8-16-01	1500	SO	1													Composite 1
" -11B	"	1505	"	1	X	X	X	X									
" -11C	"	1510	"	1													
PG15-12A	8-17-01	1000	"	1													Composite 2
" -12B	"	1005	"	1	X	X	X	X									
" -12C	"	1015	"	1													
PG15-13A	"	930	"	1													Composite 3
PG15-13B	"	935	"	1	X	X	X										
PG11-2A	"	1110	"	1													Composite 4
" -2B	"	1115	"	1	X	X	X	X	X								
" -2C	"	1125	"	1													

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8-20-01	1420	[signature]	[signature]
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation

ALTA

August 30, 2001

Alta Project I.D.: 20818

Mr. Michael Vander Dussen
Carlton Engineering Inc.
3932 Pondersosa Rd.
Suite 200
Shingle Springs, 95682

Dear Mr. Vander Dussen,

Enclosed are the results for the three soil samples received at Alta Analytical Laboratory on Monday, August 13, 2001 (Section I). This work was authorized under your PO #22832. These samples were extracted and analyzed using EPA Method 8280 for 2,3,7,8-TCDD. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix. The Appendix contains a copy of the chain-of-custody, a list of data qualifiers and abbreviations, our current certifications, and copies of the raw data.

Alta Analytical Laboratory remains committed to serving you in the most effective manner. Should you have any questions or need additional information and technical support, please do not hesitate to contact me. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha Maier

Martha M. Maier
Director of HRMS Services
Alta Analytical Laboratory

OPR Results **EPA METHOD 8280**

Matrix:	Soil	QC Batch No.:	2099	Lab Sample:	0-OPR001
Sample Size:	10 g	Date Extracted:	22-Aug-01	Date Analyzed DB-5:	28-Aug-01
				Date Analyzed DB-225:	NA

Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits		Labeled Standard	%R	LCL-UCL
2,3,7,8-TCDD	10.0	9.59	7 - 13	IS	13C-2,3,7,8-TCDD	95.1	25 - 150
				CRS	37Cl-2,3,7,8-TCDD	93.8	25 - 150

Analyst: RAS

Approved By: Martha M. Maier 30-Aug-2001 14:58

Sample ID: PG9-1 A,B,C,D

EPA METHOD 8280

Client Data		Sample Data		Laboratory Data			
Name:	Carlton Engineering Inc.	Matrix:	Soil	Lab Sample:	20818-001	Date Received:	13-Aug-01
Project:	PLACER VINEYARDS 99-426	Sample Size:	10.27 g	QC Batch No.:	2099	Date Extracted:	22-Aug-01
Date Collected:	4-Aug-01	%Solids:	97.4	Date Analyzed DB-5:	25-Aug-01	Date Analyzed DB-225:	NA

Analyte	Conc. (ng/g)	DL[a]	EMPC[b]	MDL[c]	Qualifiers
2,3,7,8-TCDD	ND	0.000108		0.00422	

Labeled Standard		%R	LCL-UCL[d]	Qualifiers
IS	13C-2,3,7,8-TCDD	67.9	25 - 150	
CRS	37Cl-2,3,7,8-TCDD	66.3	25 - 150	

Footnotes

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

Analyst: RAS

Approved By: Martha M. Maier 30-Aug-2001 14:58

Sample ID: **PG9-3 A,B,C,D** **EPA METHOD 8280**

Client Data		Sample Data		Laboratory Data			
Name:	Carlton Engineering Inc.	Matrix:	Soil	Lab Sample:	20818-002	Date Received:	13-Aug-01
Project:	PLACER VINEYARDS 99-426	Sample Size:	10.14 g	QC Batch No.:	2099	Date Extracted:	22-Aug-01
Date Collected:	4-Aug-01	%Solids:	98.1	Date Analyzed DB-5:	25-Aug-01	Date Analyzed DB-225:	NA

Analyte	Conc. (ng/g)	DL[a]	EMPC[b]	MDL[c]	Qualifiers
2,3,7,8-TCDD	ND		0.000138	0.00422	

	Labeled Standard	%R	LCL-UCL[d]	Qualifiers
IS	13C-2,3,7,8-TCDD	91.3	25 - 150	
CRS	37Cl-2,3,7,8-TCDD	86.3	25 - 150	

Footnotes

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

Analyst: RAS

Approved By: Martha M. Maier 30-Aug-2001 14:58

Sample ID: PG11-1 A,B,C,D

EPA METHOD 8280

Client Data		Sample Data		Laboratory Data			
Name:	Carlton Engineering Inc.	Matrix:	Soil	Lab Sample:	20818-003	Date Received:	13-Aug-01
Project:	PLACER VINEYARDS 99-426	Sample Size:	10.03 g	QC Batch No.:	2099	Date Extracted:	22-Aug-01
Date Collected:	4-Aug-01	%Solids:	99.4	Date Analyzed DB-5:	25-Aug-01	Date Analyzed DB-225:	NA

Analyte	Conc. (ng/g)	DL[a]	EMPC[b]	MDL[c]	Qualifiers
2,3,7,8-TCDD	ND	0.000113		0.00422	

	Labeled Standard	%R	LCL-UCL[d]	Qualifiers
IS	13C-2,3,7,8-TCDD	95.7	25 - 150	
CRS	37Cl-2,3,7,8-TCDD	92.8	25 - 150	

Footnotes

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

Analyst: RAS

Approved By: Martha M. Maier 30-Aug-2001 14:58

APPENDIX

DATA QUALIFIERS & ABBREVIATIONS

A	The amount detected is below the Lower Calibration Limit of the instrument.
B	This compound was also detected in the blank.
C	The amount detected is less than five times the Method Quantitation Limit.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The amount detected is above the Upper Calibration Limit of the instrument.
F	This result has been confirmed on a DB-225 column.
G	This result has been confirmed on a SP-2331 column.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical Interference

Conc.	Concentration
D.L.	Sample-specific estimated Detection Limit
NA	Not applicable
S/N	Signal-to-noise
*	See Cover Letter
ND	Not Detected
MPC	Maximum Possible Concentration
Ratio	Ion Abundance Ratio

Bureau of Reclamation — Mid-Pacific Region — (MP-470, Res-1.10)

Commonwealth of Kentucky — (Certificate No. 90063)

Commonwealth of Virginia — (Certificate No. 00013)

Department of the Navy

State of Alaska, Department of Environmental Conservation — (Certificate No. OS-00197)

State of Arkansas, Department of Health — (Approval granted through CA certification)

State of Arkansas, Department of Environmental Quality

State of California — (Certificate No. 1640)

State of Connecticut — (Certificate No. PH-0182)

State of Florida — (Certificate No. 87456)

State of Louisiana, Department of Health and Hospitals — (Certificate No. LA000014)

State of Louisiana, Department of Environmental Quality

State of Mississippi — (Approval granted through CA certification)

State of Nevada — (Certificate No. CA413)

State of New York, Department of Health — (Certificate No. 11411)

State of North Carolina — (Certification No. 06700)

State of North Dakota, Department of Health — (Certificate No. R-078)

State of Oregon – (Certificate No. CA413)

State of Pennsylvania — (Certificate No. 68-490)

State of South Carolina — (Certificate No. 87002001)

State of Tennessee — (Certificate No. 02996)

State of Texas — (Certificate No. TX247-1000A

State of Utah — (Certificate No. E-201)

State of Washington – (Certification No. C091)

State of Wisconsin — (Certificate No. 998036160)

State of Wyoming — (USEPA Region 8 Ref: 8TMS-Q)

U.S. Army Corps of Engineers

U.S. EPA Region 5

Acculabs - Davis/Sacramento
Subcontracted Tests Form

Project Name : Placer Vineyards
Project Number : 99-426
Project Manager: Troy Turpen

Laboratory Name Alta

Mail Results and Invoices To ~~1040 Olive Drive, Suite 2, Davis, CA 95616~~ See page
Fax Results To ~~530-753-6091~~ See page 2
Call 530-757-0920 with questions
Use this number as a Purchase Order No.: **22832**

Number	Name	Mx.	Date Sampled	Tests
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Location:				No. of Containers:
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Location:				No. of Containers:
[redacted]	[redacted]	SO	08/04/01	Cd,Cr,Pb,Ni,Zn,
Location:				No. of Containers:
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Location:				No. of Containers:
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Location:				No. of Containers:
22832-07	PG9-1 A,B,C,D	SO	08/04/01	[redacted],Dioxin by 8280,
Location:				No. of Containers:
[redacted]	[redacted]	[redacted]	08/04/01	Priority Pollutant Metals
Location:				No. of Containers:

Remarks: Page 1 of 2

Relinquished by:	Received by:	Date	Time
[signature]		8/13/01	1345
	[signature]	8/13/01	13:46

Due Date/Time : 8-13-01

Subcontract Lab Reference # :

Fax this form to 530-753-6091 when reference number has been assigned to samples and written in space above.

Please fax results prior to mailing.

Acculabs - Davis/Sacramento

Subcontracted Tests Form

Project Name : Placer Vineyards
Project Number : 99-426
Project Manager: Troy Turpen

Laboratory Name Alta

Mail Results and Invoices To ~~1040 Olive Drive, Suite 2, Davis, CA 95616~~ See Below
Fax Results To ~~530-753-6091~~ See below
Call 530-757-0920 with questions
Use this number as a Purchase Order No.: **22832**

Number	Name	Mx.	Date Sampled	Tests
22832-09	PG9-3 A,B,C,D	SO	08/04/01	[redacted],Dioxin by 8280,
	Location:			No. of Containers:
22832-10	PG11-1 A,B,C,D	SO	08/04/01	[redacted],Dioxin by 8280,
	Location:			No. of Containers:

Results and Invoices to: Michael Vander Dussen
Carlton Engineering, Inc.
3932 Ponderosa Road, Suite 200
Shingle Springs, CA 95682

Fax Results to: 530-677-6645

Remarks: Page 2 of 2

Relinquished by:	Received by:	Date	Time
[signature]		8/13/01	1345
	[signature]	8/13/01	13:46

Due Date/Time : 8-13-01

Subcontract Lab Reference # :

Fax this form to 530-753-6091 when reference number has been assigned to samples and written in space above.

Please fax results prior to mailing.

SAMPLE LOG-IN CHECKLIST

ALTA Project No.: 20818 Client/Protocol No. N/A

1. Date Samples Arrived: 8/13/01 Initials: [illegible] Location:			
2. Time / Date logged in: 8/13/01 16:20 Initials: [illegible] Location: R-1			
3. Samples Arrived By: (circle) FedEx UPS World Courier Other: Hand Carried			
4. Shipping Preservation: (circle) Ice / (Blue Ice) / Dry Ice / None Temp °C 5.6 °C			
	YES	NO	NA
5. Shipping Container(s) Intact"? If not, describe condition in comment section.	X		
6. Shipping Container(s) Custody Seals Present?		X	
Intact? If not intact, describe condition in comment section.			X
7. Shipping Documentation Present? (circle) Shipping Label Airbill Tracking Number		X	
8. Sample Custody Seal(s) Present? No. of Seals_____ or Seal No.	[illegible] 8/13/01	X	
Intact? If not intact, describe condition in comment section.			X
9. Sample Container Intact? If no, indicate sample condition in comment section.	X		
10. Chain of Custody (COC) or other Sample Documentation Present?	X		
11. COC/Documentation Acceptable? If no, complete COC Anomaly Form.	X		
12. Shipping Container (circle): ALTA (Client) Retain or (Return) or Disposed			
13. Container(s) and/or Bottle(s) Requested?		X	
14. Drinking Water Sample? (HRMS Only) If yes, Acceptable Preservation? Y or N			X
Preservation Info From? (circle) COC or Sample Container or None Noted			
15. Number of Samples Received:			N/A

Name: _____ Date Samples Reconciled: _____
(Signature Required for LCMS Only)

Comments:

Attachment 10.B.2

PROJECT ARCHIVE CHECKLIST

Project No.: 20818

Archive Request By: _____ / /

Requested Due Date: / /

CD Created by: _____ / /

CD ID: 20818 **Rev:** ___

- [ ] Send Hard Copy Instrument Data to Client
- [ ] Send Report By Email to Client
- [ ] Send Report By FAX to Client

CD Destination:

- [ ] Off-Site / /
- [X] RJM / /
- [X] WW / /
- [ ] QA / /
- [ ] Client / /

Other Instructions:

Item Name	Archive File Destination	Status
Case Narrative	\20818\CaseNarr\CaseNar.pdf	Available
Sample Inventory	\20818\SmpInven\SMPINV.pdf	Available
20818_2099_MB001_DIOX_DS.pdf	\20818\DataSumm\20818_2099_MB001_DIOX_DS.pdf	Available
20818_2099_OPR001_DIOX_DS.pdf	\20818\DataSumm\20818_2099_OPR001_DIOX_DS.pdf	Available
20818_2099_001_DIOX_DS.pdf	\20818\DataSumm\20818_2099_001_DIOX_DS.pdf	Available
20818_2099_002_DIOX_DS.pdf	\20818\DataSumm\20818_2099_002_DIOX_DS.pdf	Available
20818_2099_003_DIOX_DS.pdf	\20818\DataSumm\20818_2099_003_DIOX_DS.pdf	Available
Receiving Documents	\20818\RecDocs\RecDocs.pdf	Init _____ / /
Extraction Sheet	\20818\ExtInfo\Extinfo.pdf	Init _____ / /
20818_2099_MB001_DIOX_QS.pdf	\20818\QuanSumm\20818_2099_MB001_DIOX_QS.pdf	Init _____ / /
20818_2099_MB001_DIOX_CS.pdf	\20818\SICP\20818_2099_MB001_DIOX_CS.pdf	Init _____ / /
20818_2099_OPR001_DIOX_QS.pdf	\20818\QuanSumm\20818_2099_OPR001_DIOX_QS.pdf	Init _____ / /
20818_2099_OPR001_DIOX_CS.pdf	\20818\SICP\20818_2099_OPR001_DIOX_CS.pdf	Init _____ / /
20818_2099_001_DIOX_QS.pdf	\20818\QuanSumm\20818_2099_001_DIOX_QS.pdf	Init _____ / /
20818_2099_001_DIOX_CS.pdf	\20818\SICP\20818_2099_001_DIOX_CS.pdf	Init _____ / /
20818_2099_002_DIOX_QS.pdf	\20818\QuanSumm\20818_2099_002_DIOX_QS.pdf	Init _____ / /
20818_2099_002_DIOX_CS.pdf	\20818\SICP\20818_2099_002_DIOX_CS.pdf	Init _____ / /
20818_2099_003_DIOX_QS.pdf	\20818\QuanSumm\20818_2099_003_DIOX_QS.pdf	Init _____ / /
20818_2099_003_DIOX_CS.pdf	\20818\SICP\20818_2099_003_DIOX_CS.pdf	Init _____ / /

tem Name	Archive File Destination	Status
'0825A1-1_QS.pdf	\Shared\CCAL\ST0825A1-1_QS.pdf	Available
'0825A1-1_CS.pdf	\Shared\CCAL\ST0825A1-1_CS.pdf	Available
'0825A1-2_QS.pdf	\Shared\CCAL\ST0825A1-2_QS.pdf	Available
'0825A1-2_CS.pdf	\Shared\CCAL\ST0825A1-2_CS.pdf	Available
'0828A1-3_QS.pdf	\Shared\CCAL\ST0828A1-3_QS.pdf	Init _____ / /
'0828A1-3_CS.pdf	\Shared\CCAL\ST0828A1-3_CS.pdf	Init _____ / /
'0828A1-6_QS.pdf	\Shared\CCAL\ST0828A1-6_QS.pdf	Init _____ / /
'0828A1-6_CS.pdf	\Shared\CCAL\ST0828A1-6_CS.pdf	Init _____ / /
80VG6-6-24_QS.pdf	\Shared\ICAL\8280VG6-6-24_QS.pdf	Available
80VG6-6-24_CS.pdf	\Shared\ICAL\8280VG6-6-24_CS.pdf	Available

ALTA

September 06, 2001

Alta Project I.D.: 20872

Mr. Michael Vander Dussen
Carlton Engineering Inc.
3932 Ponderosa Rd.
Suite 200
Shingle Springs, 95682

Dear Mr. Vander Dussen,

Enclosed are the results for the one soil sample received at Alta Analytical Laboratory on Tuesday, August 21, 2001 (Section I). This work was authorized under your PROJ #99-426. This sample was extracted and analyzed using EPA Method 8280 for 2,3,7,8-TCDD only. A standard turnaround time was provided for this work.

The following report consists of a Sample Inventory (Section I), Analytical Results (Section II) and the Appendix. The Appendix contains a copy of the chain-of-custody, a list of data qualifiers and abbreviations, our current certifications, and copies of the raw data.

Alta Analytical Laboratory remains committed to serving you in the most effective manner. Should you have any questions or need additional information and technical support, please do not hesitate to contact me. Thank you for choosing Alta as part of your analytical support team.

Sincerely,

Martha Maier

Martha M. Maier
Director of HRMS Services
Alta Analytical Laboratory

SECTION II.

Method Blank **EPA METHOD 8280**

Matrix:	Soil	QC Batch No.:	2144	Lab Sample:	0-MB001
Sample Size:	10 g	Date Extracted:	2-Sep-01	Date Analyzed DB-5:	4-Sep-01
				Date Analyzed DB-225:	NA

Analyte	Conc. (ng/g)	DL[a]	EMPC[b]	MDL[c]	Qualifiers
2,3,7,8-TCDD	ND		0.000084	0.00422	

Labeled Standard		%R	LCL-UCL[d]	Qualifiers
IS	13C-2,3,7,8-TCDD	77.6	25 - 150	
CRS	37Cl-2,3,7,8-TCDD	86.7	25 - 150	

Footnotes

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

Analyst: RAS

Approved By: Martha M. Maier 06-Sep-2001 12:53

OPR Results

EPA METHOD 8280

Matrix:	Soil	QC Batch No.:	2144	Lab Sample:	0-OPR001
Sample Size:	10 g	Date Extracted:	2-Sep-01	Date Analyzed DB-5:	4-Sep-01
				Date Analyzed DB-225:	NA

Analyte	Spike Conc.	Conc. (ng/mL)	OPR Limits
2,3,7,8-TCDD	10.0	10.0	7 - 13

	Labeled Standard	%R	LCL-UCL
IS	13C-2,3,7,8-TCDD	86.9	25 - 150
CRS	37Cl-2,3,7,8-TCDD	87.4	25 - 150

Analyst: RAS

Approved By: Martha M. Maier 06-Sep-2001 12:53

Sample ID: PG11-3

EPA METHOD 8280

Client Data		Sample Data		Laboratory Data			
Name:	Carlton Engineering Inc.	Matrix:	Soil	Lab Sample:	20872-001	Date Received:	21-Aug-01
Project:	PLACER VINEYARDS	Sample Size:	10.17 g	QC Batch No.:	2144	Date Extracted:	2-Sep-01
Date Collected:	17-Aug-01	%Solids:	98.3	Date Analyzed DB-5:	5-Sep-01	Date Analyzed DB-225:	NA

Analyte	Conc. (ng/g)	DL [a]	EMPC [b]	MDL [c]	Qualifiers
2,3,7,8-TCDD	ND	0.00482		0.00422	

Labeled Standard		%R	LCL-UCL [d]	Qualifiers
IS	13C-2,3,7,8-TCDD	59.8	25 - 150	
CRS	37Cl-2,3,7,8-TCDD	54.2	25 - 150	

Footnotes

a. Sample specific estimated detection limit.

b. Estimated maximum possible concentration.

c. Method detection limit.

d. Lower control limit - upper control limit.

Analyst: RAS

Approved By: Martha M. Maier 06-Sep-2001 12:53

APPENDIX

DATA QUALIFIERS & ABBREVIATIONS

A	The amount detected is below the Lower Calibration Limit of the instrument.
B	This compound was also detected in the blank.
C	The amount detected is less than five times the Method Quantitation Limit.
D	The amount reported is the maximum possible concentration due to possible chlorinated diphenylether interference.
E	The amount detected is above the Upper Calibration Limit of the instrument.
F	This result has been confirmed on a DB-225 column.
G	This result has been confirmed on a SP-2331 column.
H	The signal-to-noise ratio is greater than 10:1.
I	Chemical Interference

Conc.	Concentration
D.L.	Sample-specific estimated Detection Limit
NA	Not applicable
S/N	Signal-to-noise
*	See Cover Letter
ND	Not Detected
MPC	Maximum Possible Concentration
Ratio	Ion Abundance Ratio

CURRENT CERTIFICATIONS

ALTA

Bureau of Reclamation — Mid-Pacific Region — (MP-470, Res-1.10)

Commonwealth of Kentucky — (Certificate No. 90063)

Commonwealth of Virginia — (Certificate No. 00013)

Department of the Navy

State of Alaska, Department of Environmental Conservation — (Certificate No. OS-00197)

State of Arkansas, Department of Health — (Approval granted through CA certification)

State of Arkansas, Department of Environmental Quality

State of California — (Certificate No. 1640)

State of Connecticut — (Certificate No. PH-0182)

State of Florida — (Certificate No. 87456)

State of Louisiana, Department of Health and Hospitals — (Certificate No. LA000014)

State of Louisiana, Department of Environmental Quality

State of Mississippi — (Approval granted through CA certification)

State of Nevada — (Certificate No. CA413)

State of New York, Department of Health — (Certificate No. 11411)

State of North Carolina — (Certification No. 06700)

State of North Dakota, Department of Health — (Certificate No. R-078)

State of Oregon – (Certificate No. CA413)

State of Pennsylvania — (Certificate No. 68-490)

State of South Carolina — (Certificate No. 87002001)

State of Tennessee — (Certificate No. 02996)

State of Texas — (Certificate No. TX247-1000A

State of Utah — (Certificate No. E-201)

State of Washington – (Certification No. C091)

State of Wisconsin — (Certificate No. 998036160)

State of Wyoming — (USEPA Region 8 Ref: 8TMS-Q)

U.S. Army Corps of Engineers

U.S. EPA Region 5

F8/35 Rev. 0

~~Acculabs Inc.~~ TO: ALTA ANALYTICAL LABORATORY 5070 ROBERT J. MATHEWS PARKWAY

[ ] 1046 Olive Drive Davis CA 95616 — 530-757-0920 Fax 753-6091
[ ] 75 Suttle St. Durango CO 81301 — 970-247-4220 Fax 247-4227
[ ] 4663 Table Mountain Dr. Golden CO 80403 — 303-277-9514 Fax 277-9512
[ ] 992 Spice Islands Dr. Sparks NV 89431 — 775-355-0202 Fax 355-0817

Lab Number 20872
Report Due Date:

Client CARLTON ENGINEERING, INC.
Fax Results (Y) N
Page 1 of 1

Address 3932 PONDEROSA ROAD
City, State & Zip SHINGLE SPRINGS, CA 95682
Contact MICHAEL VANDER DUSSEN
Phone 530-677-5515
Fax 530-672-7585
P.O. Number
Collector's Name M. VANDER DUSSEN
Project Name PLACER VINEYARDS
Project Number 99-426

PUBLIC WATER SUPPLY INFORMATION
System Name
PWS No.
Report to State/EPA Y N
POE No.
DWR No.
Collection Point
City
County

SAMPLE TYPE CODES

DW = drinking water
TB = travel blank
WW = waste water
SD = solid
MW = monitoring well
SO = soil
HW = hazardous waste
SL = sludge

Compliance Monitoring Y N

TURNAROUND TIME REQUESTED

Standard X
RUSH
Special

Lab Manager Approval

CLIENT'S SAMPLE ID/LOCATION	Date	Time	Sample Type	Containers	Analyses Requested: DIOXIN BY 8280 (2,3,7,8,-TCDD)	Spl. No.
PG11-3	8-17-01	1140	SO	1	X	

Instructions/Comments/Special Requirements:

SAMPLE RECEIPT			Date	Time	Samples Relinquished By	Samples Received By
Received Cold	Y	N	8-21-01	1000	[signature]	[signature]
Custody Seals	Y	N	8-21-01		[signature]	8/21/01
Seals Intact	Y	N			[signature]	
No. of Containers						

Acculabs, Inc.'s Standard Terms and Conditions apply unless written agreements specify otherwise. Payment terms are Net 30.

To the maximum extent permitted by law, the Client agrees to limit the liability of Acculabs, Inc. for the Client's damages to the total compensation

Attachment 10.B.4

Chain of Custody Anomaly / Sample Acceptance Form

Client: Carlton Engineering Inc. Project Number: 20872

Contact: Mike Vandenbussen Date Received: 8/21/01

Fax Number: 530-677-6645 Documented by/date: Michael J. Jones 8/21/01

Chain of Custody: *Upon receipt of your samples, we found the following item(s) omitted from the chain-of-custody (COC):*

- ☐ No Chain of Custody
- ☐ Relinquished by Date/ Time
- ☐ Sample Description
- ☐ Turnaround Time
- ☐ Matrix
- ☐ Sampler
- ☐ Sample ID*
- ☐ Analysis(es) Requested*
- ☐ Containers Qty
- ☐ Relinquished by
- ☐ Sample Date /Time
- ☐ ContainerType
- ☐ Preservative (Drinking Water Requirement)*

Sample(s): *The following anomalies affected all samples received (unless otherwise noted):*

✓ Temperature outside ±2°C range* Samples Affected: all Samples

Sample ID Discrepancy* Samples Affected: _____

Sample collection time missing Samples Affected: _____

Sample holding time missed Samples Affected: _____

Custody seals broken Samples Affected: _____

Test Method not specified* Samples Affected: _____

Insufficient Sample size Samples Affected: _____

Other _____

***Per NELAC regulations, due to these anomalies we cannot proceed with analysis until client authorization is received. Please contact Alta Analytical immediately, Thank You.**

Client Comments/Instructions: _____

Client Approval:

Proceed With Analysis: YES NO Signature and Date: _____

ALTA Analytical Laboratory
5070 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
FAX# (916) 933-0940 Phone (916) 933-1640

Transmittal Letter

21-Aug-01

CARLTON
Engineering Inc.

For: Martha Maier
Alta Analytical Laboratory Inc.
5070 Robert J. Mathews Parkway
El Dorado Hills, CA 95762

Work 916.933.1640
Fax 916.933.0940

From: Mike Vander Dussen
Subject: Sample Delivery
Project: 99-426 Placer Vineyards Specific Plan EIR

These are Transmitted: As Requested

We are sending you: Attached Via: Hand Delivery

Copies	Pages	Date	Description
1	.	21Aug2001	Soil Sample
1	1	21Aug2001	Chain of Custody.

Comments:

Martha,
Please find the attached COC and sample for addition to our analysis request you received from Acculabs on 8-13-01. I spoke with your assistant this morning and she indicated that the other three samples were in the queue, and that we could add one sample into the project analysis request. I am considering that the additional sample will be run with the other three, and that we will receive the results together on their scheduled reporting date of 9-3-01. I would appreciate it if you would advise me if that is not correct.

Thanks for your help and best regards,
Mike

3932 Ponderosa Road, Shingle Springs, CA 95682 tel 530.677.5515 fax 530.677.6645 Email: mvanderdussen@carlton-engineering.com

SAMPLE LOG-IN CHECKLIST

ALTA Project No.: 20872 Client/Protocol No. N/A

1. Date Samples Arrived: 8/21/01 Initials: [illegible] Location:			
2. Time / Date logged in: 8/21/01 12:10 Initials: [illegible] Location: R-1			
3. Samples Arrived By: (circle) FedEx UPS World Courier Other: Hand Carry			
4. Shipping Preservation: (circle) Ice / Blue Ice / Dry Ice / None Temp °C 21.0°C			
	YES	NO	NA
5. Shipping Container(s) Intact"? If not, describe condition in comment section.	X		
6. Shipping Container(s) Custody Seals Present?		X	
Intact? If not intact, describe condition in comment section.			X
7. Shipping Documentation Present? (circle) Shipping Label Airbill Tracking Number		X	
8. Sample Custody Seal(s) Present? No. of Seals_____ or Seal No.		X	[illegible]
Intact? If not intact, describe condition in comment section.			X
9. Sample Container Intact? If no, indicate sample condition in comment section.	X		
10. Chain of Custody (COC) or other Sample Documentation Present?	X		
11. COC/Documentation Acceptable? If no, complete COC Anomaly Form.	X		
12. Shipping Container (circle): ALTA Client Retain or Return or Disposed			
13. Container(s) and/or Bottle(s) Requested?		X	
14. Drinking Water Sample? (HRMS Only) If yes, Acceptable Preservation? Y or N			X
Preservation Info From? (circle) COC or Sample Container or None Noted			
15. Number of Samples Received:		N/A	

Name: _____ Date Samples Reconciled: _____
(Signature Required for LCMS Only)

Comments:

Attachment 10.B.2