

**GRIBI Associates***Geological and Environmental Consulting Services***FACSIMILE TRANSMITTAL**

Date: FEBRUARY 9, 2000

To: EVA CHU  
ALAMEDA COUNTY  
ENVIRONMENTAL HEALTH

Fax No.: (510)337-9335

From: JIM GRIBI  
Phone: (707)748-7743  
Fax: (707)748-77631800 ppb MTBE  
water

Number of pages, including this transmittal page

22

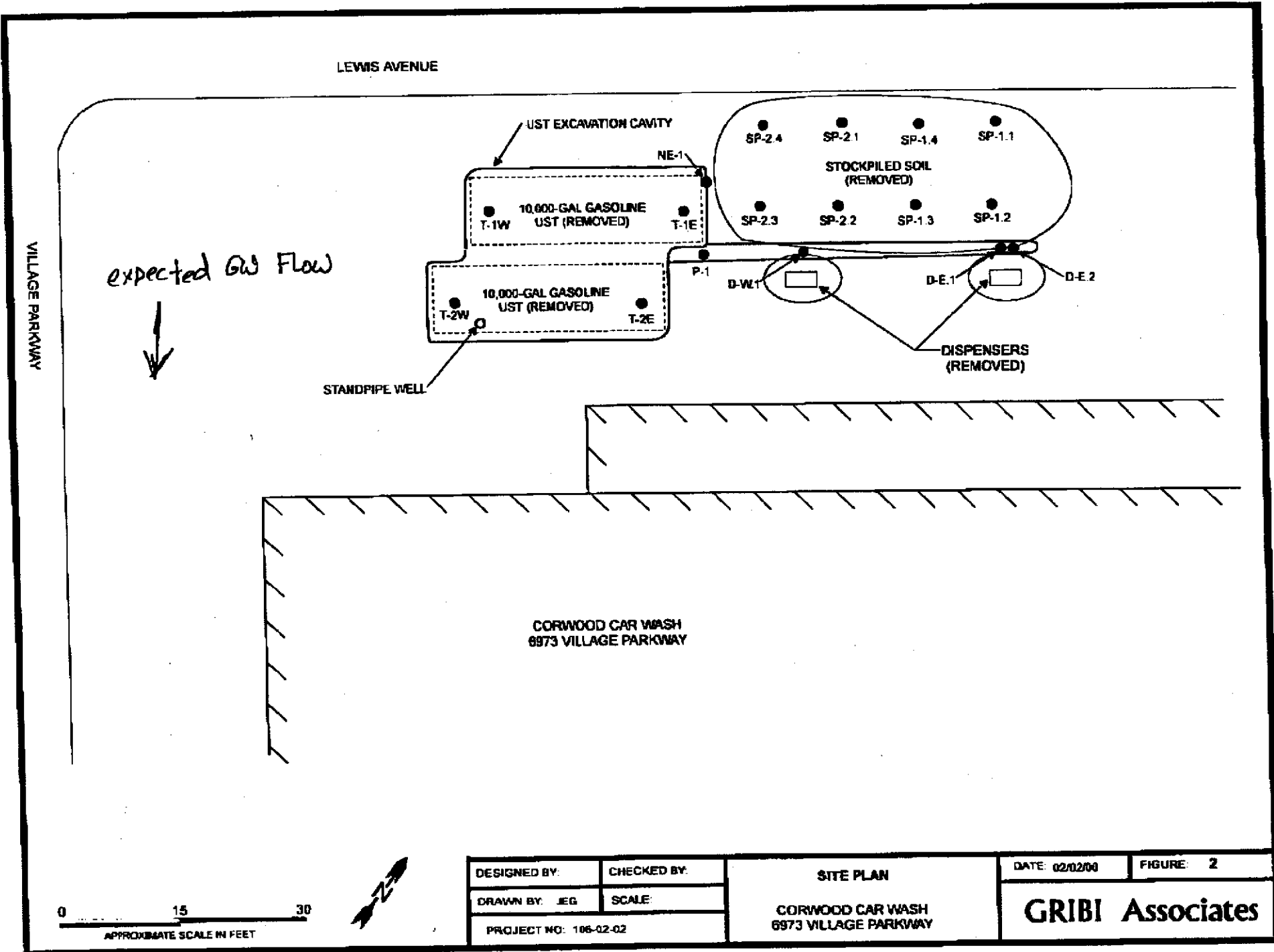
Eva,

Attached please find a site plan, a copy of a topo map, and lab reports for recent sampling and lead analyses for Corwood Car Wash site in Dublin. The topo map doesn't show anything near the site - all flow appears to be south-southeast (slightly west from parallel to Village Parkway). Surface water in the area ultimately flows through Niles Canyon towards SF Bay.

Need to verify complete table of all analytical results for soil + water samples.

Thanks!

eg NE-1. only have TPHd results no TPHg BTEX#.



LEWIS AVENUE

VILLAGE PARKWAY

*expected GW Flow*



STANDPIPE WELL

UST EXCAVATION CAVITY

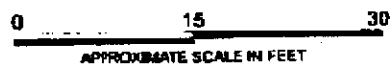
10,000-GAL GASOLINE UST (REMOVED)

10,000-GAL GASOLINE UST (REMOVED)

STOCKPILED SOIL (REMOVED)

DISPENSERS (REMOVED)

CORWOOD CAR WASH  
6973 VILLAGE PARKWAY

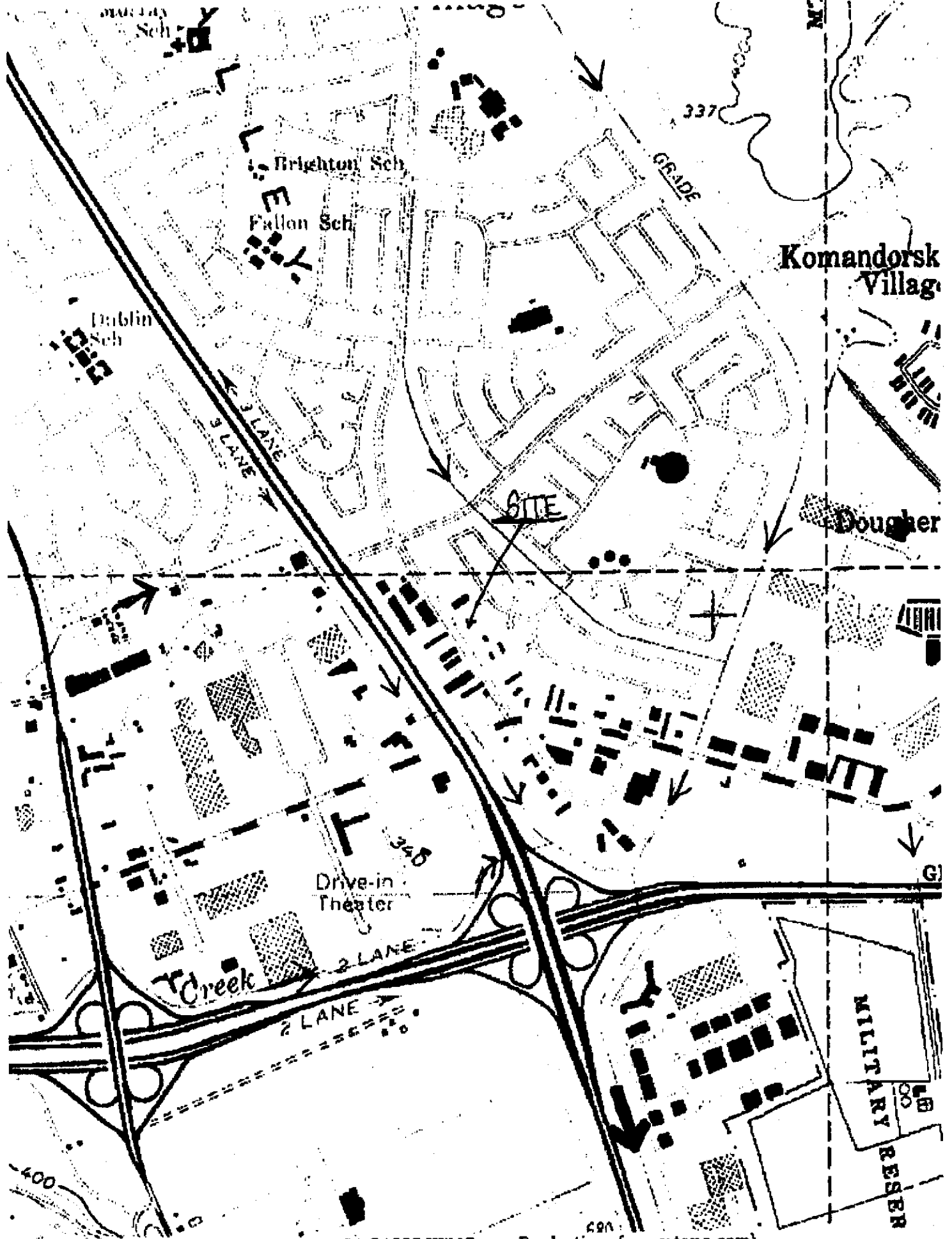


DESIGNED BY:	CHECKED BY:
DRAWN BY: JEG	SCALE:
PROJECT NO: 106-02-02	

**SITE PLAN**

CORWOOD CAR WASH  
6973 VILLAGE PARKWAY

DATE: 02/02/00	FIGURE: 2
<b>GRIBI Associates</b>	



FEB-09-00 TUE 04:57 PM ACCULABS DAVIS

FAX NO. 530 753 8091

P. 01/15

**Acculabs Inc.****Davis**

1046 Olive Drive, Davis, CA 95618 • 530-757-0920 • Fax 753-8091

Sample Log 21034  
February 08, 2000Jim Grib  
Grib Associates  
1350 Hayes Street, #C-14  
Berkeley, CA 94510Subject: 1 Water & 5 Soil Samples  
Project Name: Corwood Car Wash  
Project Number: 106-02-02

Dear Mr. Grib,

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. If you have any questions regarding procedures or results, please call me at 530-757-0920.

Sincerely,

Tom Kwoka

Davis/Sacramento

Durango

Golden

Sparks/Reno

FEB-08-00 TUE 04:56 PM ACCULABS DAVIS

FAX NO. 530 753 6091

2.03/15



# Acculabs Inc.

Davis

February 8, 2000  
Sample Log 21034

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

From : Corwood Car Wash (Proj. # 106-02-02)  
Sampled : 02/07/00  
Received : 02/07/00  
Matrix : Water

SAMPLE	Date Analyzed	(MRL) ug/L	Measured Value ug/L
WS-2	02/08/00	(500)	

Approved By:

Tom Kvoka  
Lab Director



# Acculabs Inc.

Davis

Sample Log 21034

21034-01

Sample: D-W.1 (4.0')

From : Corwood Car Wash (Proj. # 106-02-02)

Sampled : 02/07/00

Dilution : 1:1

Run Log : 4191U

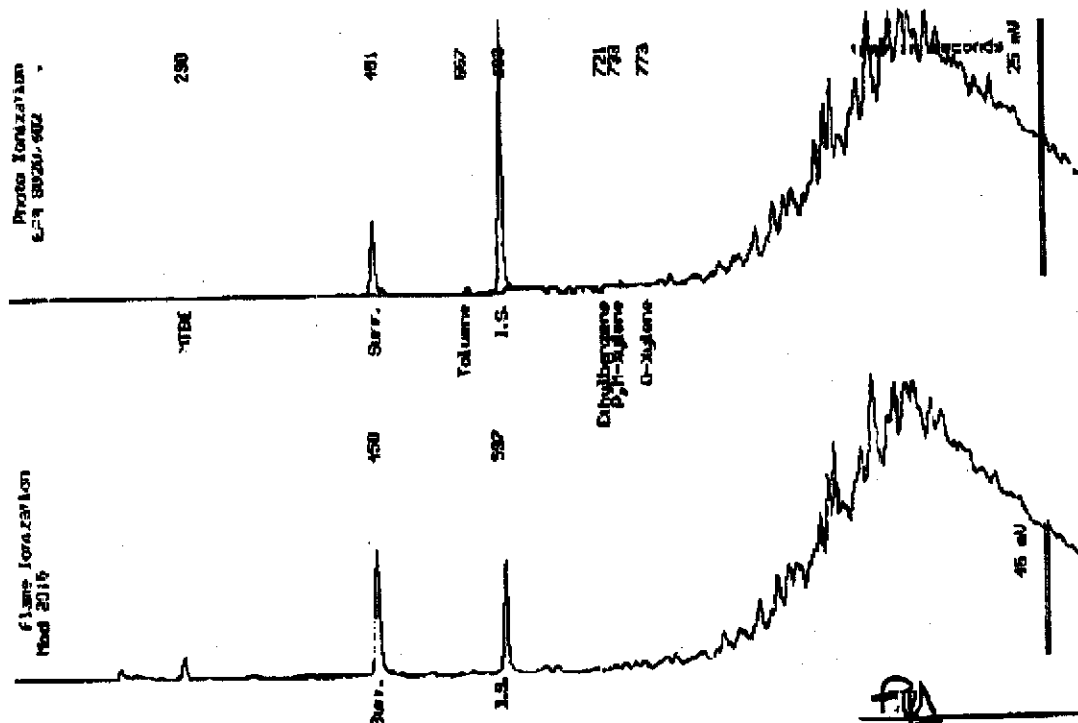
Matrix : Soil

Parameter	(MRL) ug/kg	Measured Value ug/kg
Benzene	(.0050)	<.0050
Toluene	(.0050)	<.0050
Ethylbenzene	(.0050)	<.0050
Total Xylenes	(.0050)	<.0050
TPH as Gasoline	(1.0)	2.4 *

### Surrogate Recovery

\* Product is not typical gasoline.

84 %



Date Analyzed: 02-08-00  
Column : 0.53mm ID X 60m Restek Rtx-1701

Stewart Radolisky  
Senior Chemist



# Acculabs Inc.

Davis

Sample Log 21034

21034-02

Sample: D-E.1 (3.5')

From : Corwood Car Wash (Proj. # 106-02-02)

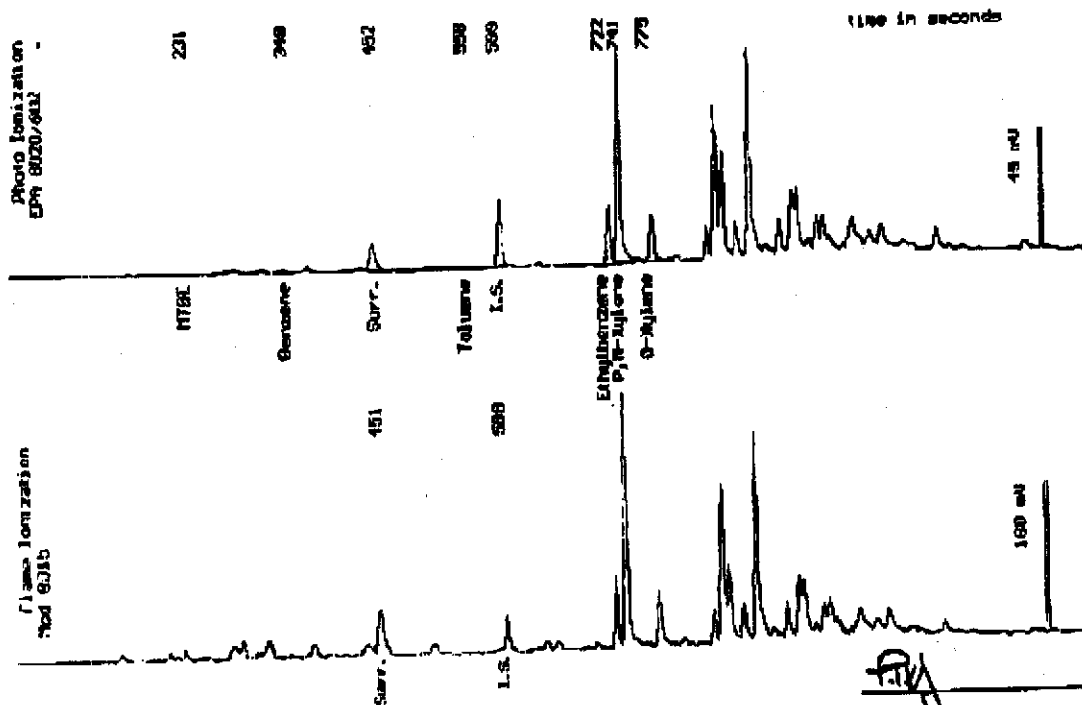
Sampled : 02/07/00

Dilution : 1:100

Matrix : Soil

Run Log : 4191W

Parameter	(MRL) <small>mg/kg</small>	Measured Value <small>mg/kg</small>
Benzene	(.50)	<.50
Toluene	(.50)	<.50
Ethylbenzene	(.50)	22
Total Xylenes	(.50)	99
TPH as Gasoline	(100)	550
Surrogate Recovery		*** Diluted Out



Date Analyzed: 02-08-00  
Column: 0.32mm ID X 60m Restek Rtx-1701

*Signature*  
Gregory Podolsky  
Senior Chemist



# Acculabs Inc.

Davis

Sample Log 21034

21034-01

Sample: D-E.2 (7.0')

From : Corwood Car Wash (Proj. # 106-02-02)

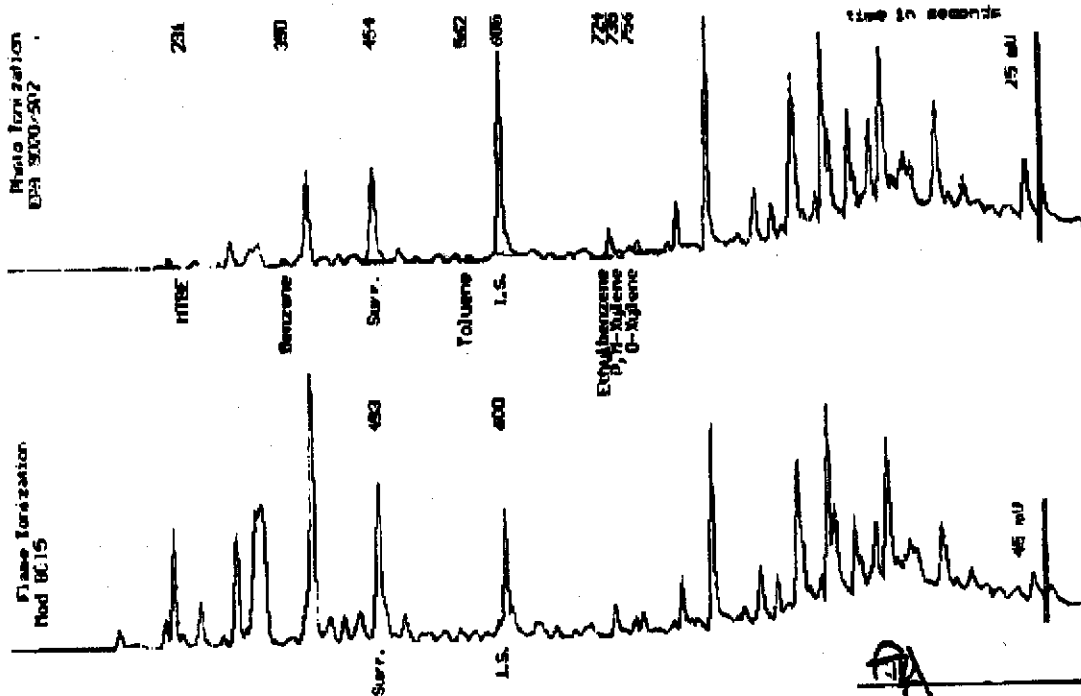
Sampled : 02/07/00

Dilution : 1:40

Matrix : Soil

Run Log : 4191W

Parameter	(MRL) ug/kg	Measured Value ug/kg
Benzene	(.20)	<.20
Toluene	(.20)	<.20
Ethylbenzene	(.20)	1.3
Total Xylenes	(.20)	.78
TPH as Gasoline	(40)	250
Surrogate Recovery		*** Diluted Out



Date Analyzed: 02-08-00  
Column: 0.32mm ID X 60m Restek Rt-1701

Stevan J. Podolick  
Senior Chemist





# Acculabs Inc.

Davis

Sample Log 21034

21034-04

Sample: WS-2

From : Corwood Car Wash (Proj. # 106-02-02)

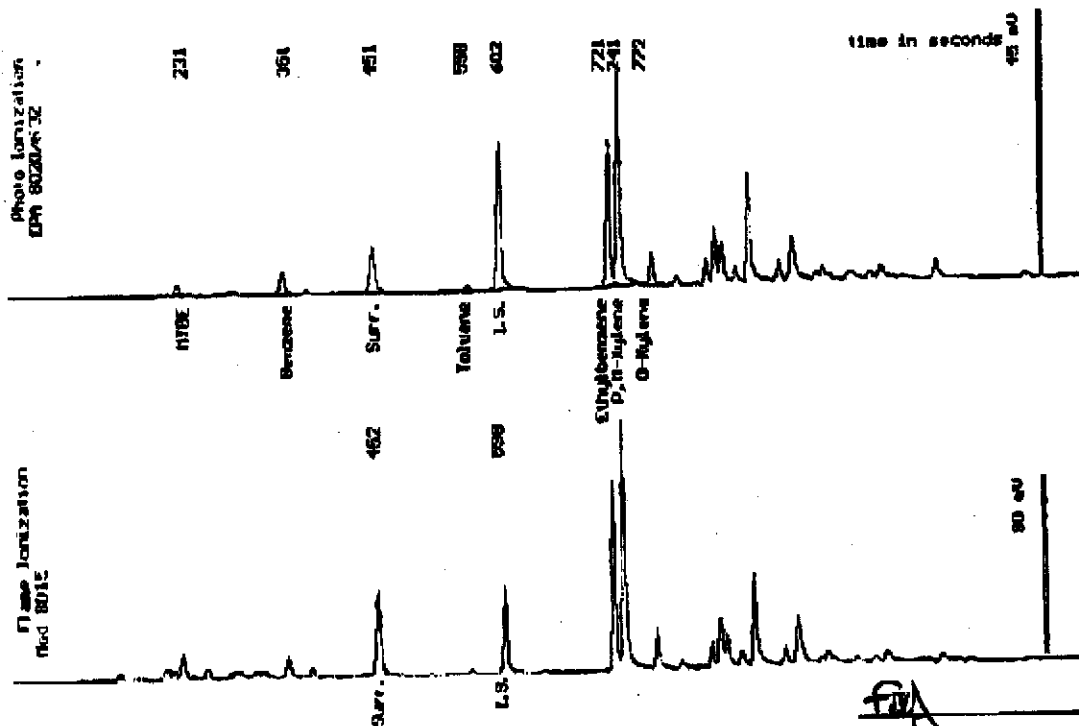
Sampled : 02/07/00

Dilution : 1:100

Matrix : Water

Run Log : 4191V

Parameter	(MRL) $\mu\text{g/L}$	Measured Value $\mu\text{g/L}$
Benzene	(50)	310
Toluene	(50)	<50
Ethylbenzene	(50)	2500
Total Xylenes	(50)	4100
TPH as Gasoline	(5000)	
Surrogate Recovery		91 %



Date Analyzed: 02-08-00  
Column: 1 C.89mm ID X 60m Restek R:K-1P01

*[Signature]*  
Stella Padolsky  
Senior Chemist

Acculabs Inc.

February 8, 2000  
Sample Log 21034

QC Report for EPA 8020 & Modified EPA 8015  
Run Log : 4191T  
From : Corwood Car Wash (Proj. # 106-02-02)  
Sample(s) Received : 02/07/00

Parameter	Matrix Spike & Recovery	Matrix Spike Duplicate & Recovery	RPD *
Benzene	95	97	2
Ethylbenzene	104	100	4
TPH as Gasoline	112	104	7

\* RPD = Relative Percent Difference

Parameter	Laboratory Control Sample & Recovery
Benzene	100
Ethylbenzene	105
Gasoline	104

Parameter	Method Blank
Benzene	<0.005 mg/Kg
Toluene	<0.005 mg/Kg
Ethylbenzene	<0.005 mg/Kg
Total Xylenes	<0.005 mg/Kg
TPH as Gasoline	<1.0 mg/kg

  
Tom Egan  
Lab Director

FEB-08-00 TUE 05:02 PM ACCULABS DAVIS

FAX NO. 530 753 6091

2.08/15

Acculabs Inc.

February 8, 2000  
Sample Log 21034

QC Report for EPA 602 & Modified EPA 8015  
Run Log : 4191T  
From : Corwood Car Wash (Proj. # 106-02-02)  
Sample(s) Received : 02/07/00

Parameter	Matrix Spike & Recovery	Matrix Spike Duplicate & Recovery	RPD *
Benzene	94	94	0
Ethylbenzene	105	103	2
TPH as Gasoline	110	108	2

\* RPD = Relative Percent Difference

Parameter	Laboratory Control Sample & Recovery
Benzene	99
Ethylbenzene	109
Gasoline	85

Parameter	Method Blank
Benzene	<0.50 ug/L
Toluene	<0.50 ug/L
Ethylbenzene	<0.50 ug/L
Total Xylenes	<0.50 ug/L
TPH as Gasoline	<50 ug/L





# Acculabs Inc.

## Davis

Sample Log 21034

21034-01

Sample: D-W.1 (4.0')

From : Corwood Car Wash (Proj. # 106-02-02)

Sampled : 02/07/00

Extracted: 02/07/00

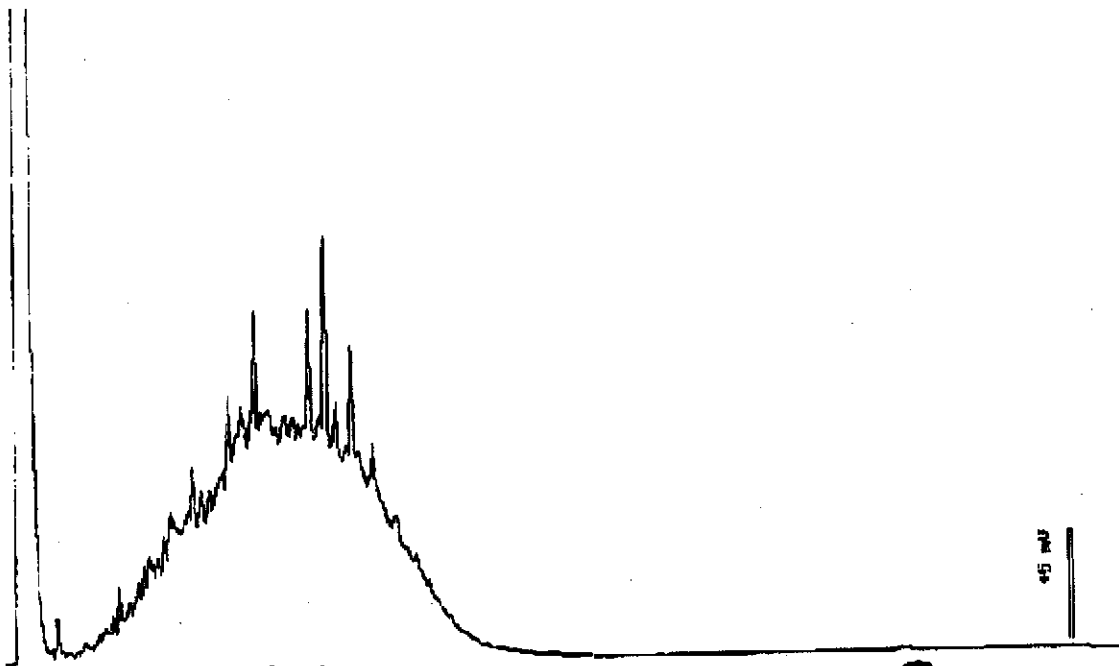
Dilution : 1:10

Matrix : Soil

QC Batch : DS000204

Run Log : 7460C

Parameter	(MRL) mg/kg	Measured Value mg/kg
TPH as Diesel	(10)	1100



EPA Std 8015

Diesel

Date: 02-08-00 Time: 13:48:38  
Column: 0.62mm ID x 15m DB1 (J&H Scientific)

Steven Pedalsky  
Senior Chemist



# Acculabs Inc.

Davis

Sample Log 21034

21034-02

Sample: D-E.1 (3.5')

From : Corwood Car Wash (Proj. # 106-02-02)

Sampled : 02/07/00

Extracted: 02/07/00

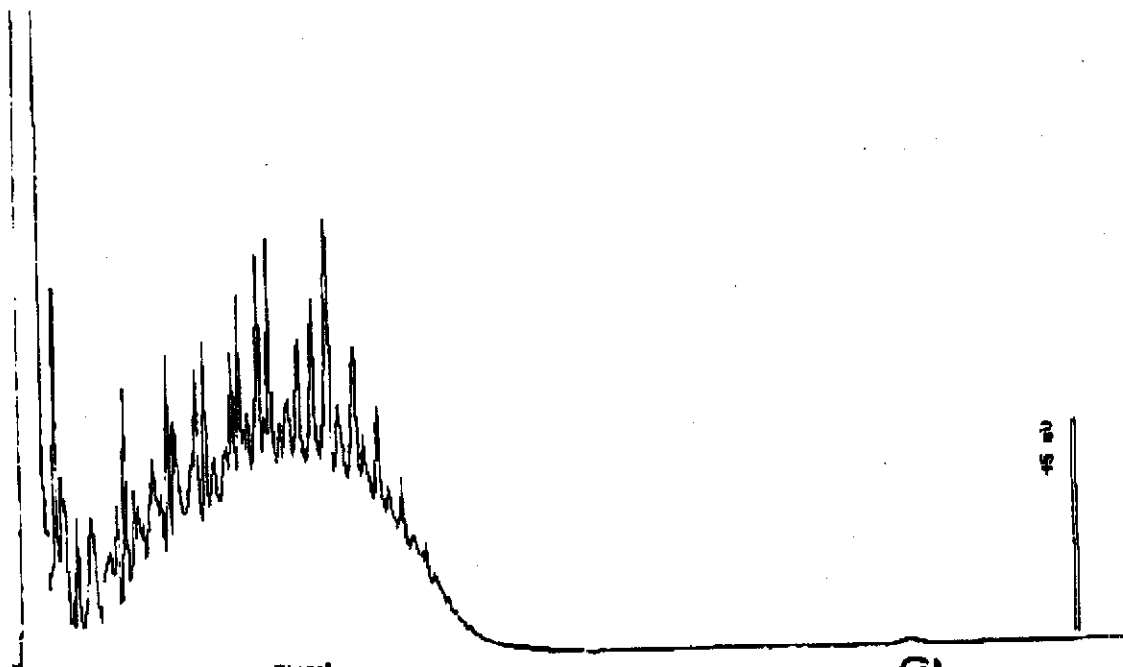
Dilution : 1:25

Matrix : Soil

QC Batch : DS000204

Run Log : 7460F

Parameter	(MRL) $\mu\text{g}/\text{kg}$	Measured Value $\mu\text{g}/\text{kg}$
TPH as Diesel	(25)	1700



EPA Method 8015

Diesel



Steven Podolsky  
Senior Chemist

Date: 02-08-00 Time: 11:02:56  
Column: 0.53mm ID X 18m DB1 (J&W Scientific)



# Acculabs Inc.

Davis

Sample Log 21034

2:014 03

Sample: D-E.2 (7.0')

From : Corwood Car Wash (Proj. # 106-02-02)

Sampled : 02/07/00

Extracted: 02/07/00

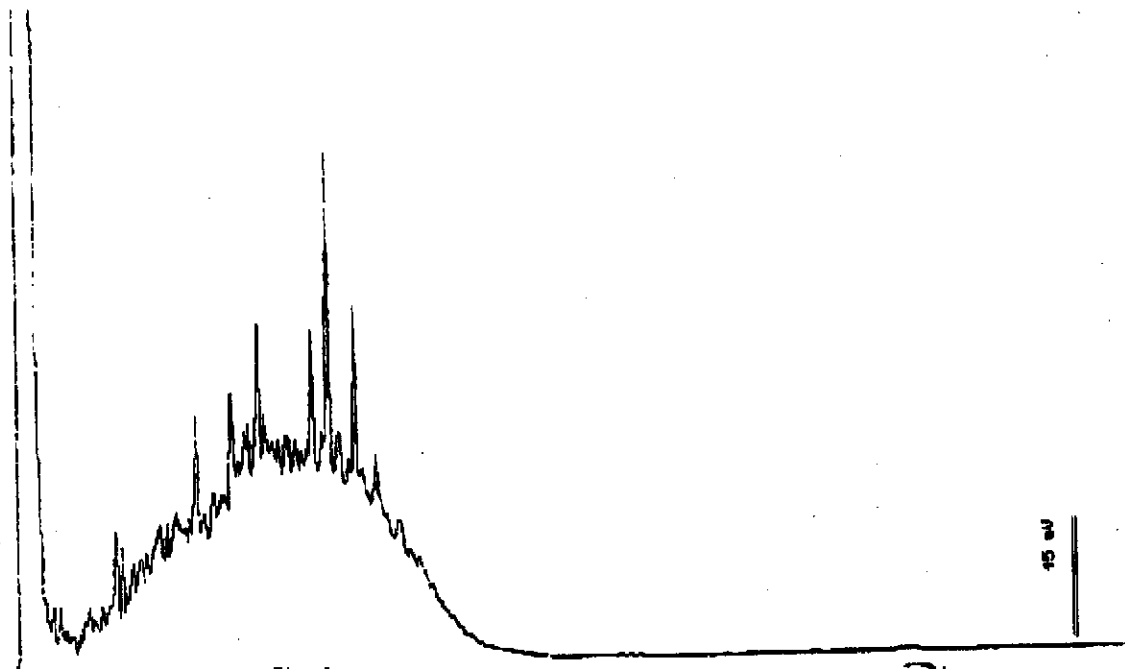
Dilution : 1:25

Matrix : Soil

QC Batch : DS000204

Run Log : 7460F

Parameter	(MRL) ng/kg	Measured Value ng/kg
TPH as Diesel	(25)	2500



EPA Method 8015

Diesel

Date: 02-08-00 Time: 11:36:17  
Column : 0.52mm ID x 10m DB1 (J&W Scientific)

*Stewart Pedolich*  
Senior Chemist

FEB-08-00 TUE 05:08 PM ACCULABS DAVIS

FAX NO. 530 753 6081

P.13/15



# Acculabs Inc.

## Davis

Sample Log 21034

21034-04

Sample: WS-2

From : Corwood Car Wash (Proj. # 106-02-02)

Sampled : 02/07/00

Extracted: 02/08/00

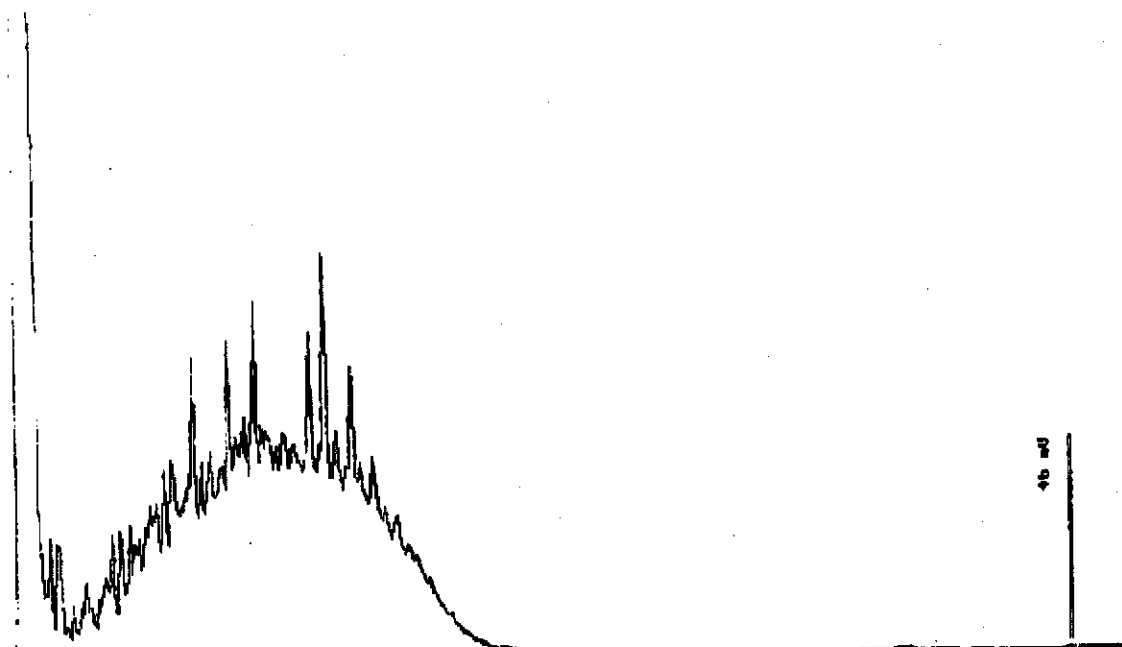
Dilution : 1:5

Matrix : Water

QC Batch : DW000201

Run Log : 7460F

Parameter	(MRL) ug/L	Measured Value ug/L
TPH as Diesel	(250)	14000



EPA Method 8018

Diesel

Date: 02-08-00 Time: 12:09:46  
Column : C.89mm ID x 15m DB1 (J&H Scientific)

*[Signature]*  
Stewart Podolsky  
Senior Chemist

FEB-08-00 TUE 05:06 PM ACCULABS DAVIS

FAX NO. 530 753 6001

P.14/15

Acculabs Inc.

February 08, 2000

QC Report  
TPH Diesel by 8015 Mod

QC Batch DW000201

Matrix: Water

**Spike and Spike Duplicate Results**

Parameter	Matrix Spike (%Rec)	Matrix Spike Dup. (%Rec)	RPD %
TPH as Diesel	Not enough sample for spiking. See duplicate LCS Data.		

**Laboratory Control Spike**

Parameter	Laboratory Control Spike (%Rec)	Laboratory Control Spike Dup. (%Rec)	RPD %
TPH as Diesel	96	93	3

**Method Blank**

Parameter	MDL(ug/L)	Measured Value(ug/L)
TPH as Diesel	(50)	<50
TPH as Motor Oil	(100)	<100

  
Tom Kooka  
Lab Director



FEB-08-00 TUE 05:07 PM ACCULABS DAVIS

FAX NO. 530 753 8091

2.15/15

<b>Acculabs Inc.</b>				Lab Number 21034		
[ ] 3902 E. University Dr. Phoenix AZ 85034 [ ] 710 E. Evans Blvd. Tucson AZ 85713 [ ] 2020 W. Lone Cactus Dr. Phoenix AZ 85027 [ ] 4883 Table Mountain Dr. Golden CO 80403 [ ] 982 Spice Islands Dr. Sparks NV 89431 [ ] 1046 Olive Drive #2 Davis CA 95616		502-437-0878 Fax 437-0826 520-884-5811 Fax 884-5812 802-780-4500 Fax 780-7595 303-277-8514 Fax 277-9512 702-355-0202 Fax 355-0817 530-787-0820 Fax 753-8081		Report Due Date:		
Client: GRM Associates			System Name			
Address: 1350 Hayes Street, Ste C-14			PWS No.			
City, State & Zip: Berkeley, CA 94610			Report to State/EPA Y N		DWR No.	
Contact: Jim Gribi			POE No.		DWR No.	
Phone: 707/746-7743	Project Name: Corwood Car Wash		Collection Point			
Fax: 707/746-7783	Project Number: 106-02-02		Collector's Name			
P.O. Number	Fax Results <input checked="" type="checkbox"/> N	Page of	Location (City)			
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	Analyzes Requested TPH-G/BTEX/MPCA TPH-D			
Standard: (RUSH) 2/8/00		Lab Director Approval				
Species:						
D-W.1 (4.0 ft)	2/7/00	S	1	X	X	01
D-E.1 (3.5 ft)	2/7/00	S	1	X	X	02
D-E.2 (7.0 ft)	2/7/00	S	1	X	X	03
WS-2	2/7/00	W	5	X	X	04
Instructions/Comments/Special Requirements:						
Received Cold	Y	N	2/7/00 14:41	[Signature]		[Signature]
Custody Seals	Y	N				
Seals Intact	Y	N				
No. of Containers						



**Acculabs Inc.**

**Fax Transmission**

To:	<u>Jim Gribi</u>	Date:	<u>2-8-00</u>
At:	_____	No. of	<u>4</u>
Fax:	_____	Pages:	_____
From:	<u>Tom Kwoka</u>	Original	_____
Re:	_____	Mailed:	<u>Y N</u>

Originating Location: **Acculabs Inc.**  
**Davis**  
**Phone: 530-757-0920**  
**Fax: 530-753-6091**

Comments: Pb result for carwood

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

Reply: \_\_\_\_\_

FEB-09-00 WED 08:25 AM ACCULABS DAVIS

FAX NO. 530 753 6091

7.02/04

Fax: 530 753 6091

No. 0026 P. 3/4

# Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite F • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

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

Date: 2/7/00  
Date Received: 2/4/00  
Project Name: CORWOOD CW  
Project Number:  
P.O. Number: 21016  
Sampled By: Chem

## Certified Analytical Report

Order ID: 18915	Lab Sample ID: 18915-001	Client Sample ID: SP-2.1,2.2,2.3							
Sample Time:	Sample Date: 1/31/00	Matrix: Solid							
Parameter	Result	DF	PQL	DLR	Units	Prep Date	Analysis Date	QC Batch ID	Method
1.00	14	5	1	5	mg/kg	1/4/00	2/4/00	SM000203	EPA 8010D

DF = Dilution Factor

ND = Not Detected

DLR = Detection Limit Reported

PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

  
Michelle L. Anderson, Laboratory Director

# ***WEST LABORATORY***

## **CHANGE ORDER FORM**

DATE: 2-3-00 TIME: 2:15:10  
 COMPANY: Gribi  
 PROJECT #: \_\_\_\_\_ SAMPLE LOG# 21016  
 PROJECT NAME: CORWOOD CW  
 ORDER TAKEN BY: Troy ORDERED BY: Jim

SAMPLE#	CHANGE REQUESTED	TURN-AROUND-TIME (If Applicable)
<u>06</u>	<u>add Pb on</u>	<u>48hr TAT</u>

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*\*\*\*\*

**UPDATE SECTION: (Initial/Date/Time)**

<b>FRONT COMPUTER</b>	<b>VOLATILES</b>	<b>DIESEL</b>	<b>SLOG BOOK</b>
<u>JM 12-3-00/1514</u>	<u>  /  /  </u>	<u>  /  /  </u>	<u>  /  /  </u>

<b>Acculabs Inc.</b>		Lab Number <b>21016</b>
3902 E. University Dr. Phoenix AZ 85034	602-437-0979 Fax 437-0828	Report Due Date: <b>2-1-00</b>
710 E. Evans Blvd. Tucson AZ 85713	620-864-8811 Fax 864-8812	
2020 W. Lone Cactus Dr. Phoenix AZ 85027	602-760-4800 Fax 760-7695	
4803 Table Mountain Dr. Golden CO 80403	303-277-9814 Fax 277-9812	
392 Spice Islands Dr. Sparks NV 89431	702-355-0202 Fax 355-0817	
1046 Olive Drive #2 Davis CA 95618	530-757-0920 Fax 753-6091	

Client: <b>Gribl Associates</b>		<b>PUBLIC WATER SUPPLY INFORMATION</b>	
Address: <b>1350 Hayes Street, Ste C-14</b>		System Name	
City, State & Zip: <b>Benicia, CA 94513</b>		PWS No.	Report to State/EPA Y N
Contact: <b>Jim Gribl</b>		POE No.	DWR No.
Phone: <b>707/748-7743</b>	Project Name: <b>CORWOOD CW</b>	Collection Point	
Fax: <b>707/748-7763</b>	Project Number	Collector's Name	
P.O. Number	Fax Results: <input checked="" type="checkbox"/> N	Page 1 of 1	Locator (City)

<b>SAMPLE TYPE CODES</b>			Compliance Monitoring Y N Lab Director Approval	Analyses Requested (Diagonal lines)
DW = drinking water	TB = travel blank			
WW = waste water	SB = solid			
MW = monitoring well	SO = soil			
HW = hazardous waste	SL = sludge			
<b>TURNAROUND TIME REQUESTED</b>				
(Handwritten: RUSH 12 hr - 24 hr (ASAP))				

CLIENT'S SAMPLE ID/LOCATION	Date	Time	S	1	X	Spl. No.
T-1E (14 FT)	1/31/00		S	1	X	01
T-1W (13 FT)	1/31/00		S	1	X	02
T-2E (13 FT)	1/31/00		S	1	X	03
T-2W (14 FT)	1/31/00		S	1	X	04
SP-1.1	1/31/00		S	1		
SP-1.2	1/31/00	Cmp.	S	1	X	05
SP-1.3	1/31/00		S	1		
SP-1.4	1/31/00		S	1		
SP-2.1	1/31/00		S	1		
SP-2.2	1/31/00	Cmp.	S	1	X	06
SP-2.3	1/31/00		S	1		
SP-2.4	1/31/00		S	1		

Instructions/Comments/Special Requirements:

<b>SAMPLE RECEIPT</b>		Date	Time	Samples Released By	Samples Received By
Received Cold	Y N	1/31/00	16:42	(Signature)	(Signature)
Custody Seals	Y N				
Seals Intact	Y N				
No. of Containers					

Acculabs' terms are: Net 40. (Payment must be received by the date and/or on the invoice or any discount is void)