

Crosby & Overton

Industrial & Environmental Services

F A X O G R A M

*TRANSMISSION
ERROR ⇒ RESUBMIT*

DATE 3-8-93

T O:

NAME SUSAN H460
COMPANY ALABAMA CO ENV. HEALTH
PHONE: () 271-4530
FAX: () 569-4757

F R O M:

DARRELL TAYLOR
CROSBY & OVERTON, INC.
(510) 633-0336
(510) 633-0759

MESSAGE: SUSAN,

HERE IS THE INFORMATION ON THE 5903 CHRYSLER SITE.
THE WILDS HAVE 2" DIA. THE TAL LAB SAMPLES WERE 50.2 SAMPLES (SEE ENCLOSED LETTER).
THE FIC ASSOC. (PREVIOUS CONTRACTOR THAT RUL'D THE TANKS) ANALYTICAL W/TE!
TOTAL ANALYTICAL ANALYSIS IS ENCLOSED. I HAVE NO RECORD OF A MARCH 11, 1992 SAMPLE.
ESSENTIAL FOR THIS SITE.

THANKS

Darrell Taylor

- () ORIGINAL TO FOLLOW:
 - () VIA U.S. MAIL
 - () VIA EXPRESS MAIL
- () REPLY REQUESTED

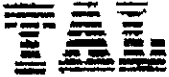
- (*) NO HARD COPY TO FOLLOW
- () PLEASE CONFIRM RECEIPT OF FACSIMILE TRANSMITTAL

THIS FAXOGRAM HAS A TOTAL OF 9 PAGES, INCLUDING THIS PAGE. IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CONTACT US IMMEDIATELY AT THE TELEPHONE NUMBER LISTED ABOVE.

Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960
Facsimile (510) 783-1512



April 15, 1992

Mr. Darrell Taylor
Crosby and Overton, Inc.
8430 Amelia Street
Oakland, California 94621

Dear Mr. Taylor:

1889 Trace Analysis Laboratory received two soil samples on September 28, 1992 for your Project No. 5107-5, Mega Construction (our custody log number 7887).

These samples were analyzed for Total Petroleum Hydrocarbons as Diesel and Benzene, Toluene, Ethylbenzene, Xylenes, and Oil and Grease. Total petroleum hydrocarbons as diesel for sample S-1 is 6,000 ug/kg. The pattern on the gas chromatogram is not like a typical diesel pattern. The sample contains compounds eluting primarily during the latter half of the diesel range.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

Louis W. DuPuis
Quality Assurance/Quality Control Manager

Enclosures

METHOD 9020A

TOTAL ORGANIC HALIDES (TOX)

FROM SW 846

1.0 SCOPE AND APPLICATION

1.1 Method 9020 determines Total Organic Halides (TOX) as chloride in drinking water and ground waters. The method uses carbon adsorption with a microcoulometric-titration detector.

1.2 Method 9020 detects all organic halides containing chlorine, bromine, and iodine that are adsorbed by granular activated carbon under the conditions of the method. Fluorine-containing species are not determined by this method.

1.3 Method 9020 is applicable to samples whose inorganic-halide concentration does not exceed the organic-halide concentration by more than 20,000 times.

1.4 Method 9020 does not measure TOX of compounds adsorbed to undissolved solids.

1.5 Method 9020 is restricted to use by, or under the supervision of, analysts experienced in the operation of a pyrolysis/microcoulometer and in the interpretation of the results.

1.6 This method is provided as a recommended procedure. It may be used as a reference for comparing the suitability of other methods thought to be appropriate for measurement of TOX (i.e., by comparison of sensitivity, accuracy, and precision of data). There are three instruments that can be used to carry out this method. They are the TOX-10 available from Cosa Instruments, and the DX-20 and DX-20A available from Xertex-Dohrmann Instruments.

2.0 SUMMARY OF METHOD

2.1 A sample of water that has been protected against the loss of volatiles by the elimination of headspace in the sampling container, and that is free of undissolved solids, is passed through a column containing 40 mg of activated carbon. The column is washed to remove any trapped inorganic halides and is then combusted to convert the adsorbed organohalides to HX, which is trapped and titrated electrolytically using a microcoulometric detector.

3.0 INTERFERENCES

3.1 Method interferences may be caused by contaminants, reagents, glassware, and other sample-processing hardware. All these materials must be routinely demonstrated to be free from interferences under the conditions of the analysis by running method blanks.

3.1.1 Glassware must be scrupulously cleaned. Clean all glassware as soon as possible after use by treating with chromate cleaning solution. This should be followed by detergent washing in hot water. Rinse with tap water and distilled water and drain dry; glassware which is

F & ASSOCIATES, INC.

YOUR ENVIRONMENTAL SUPPLIER

SOIL ANALYSIS
FAC # 5903
CROSBY & OVERTON
TANK Pull

CASPARIA RESERVOIR
= CLASS I
PO BOX 8
NINA Rd.
CROSBY & OVERTON
77429
FAX - O - GRAM

Sec 1
10:02 AM

FROM THE DESK OF BILL RIDLE

COVER SHEET

DATE: 4-3-92

TIME: 1000

TO: Darrel Phillips

COMPANY: Crosby & Overton

PHONE # 633-0336

FAX # 633-0759

MESSAGE: Copies of Sampling at Time
of Tank Pull / Soil Manifest
& Sampling During Soil Removal

NUMBER OF PAGES INCLUDING THIS COVER SHEET 17
IF THERE ARE ANY PROBLEMS WITH THE TRANSMISSION OR RECEIPT OF THIS
INFORMATION OR THE QUALITY OF THE COPY RECEIVED, PLEASE CALL
Bill Ridle AT (510) 231-0261.

RETURN FAX # (510) 231-0264.

THANK YOU

⊗ SAMPLE AT 5' - GROUND WATER

PEAR OFFICE



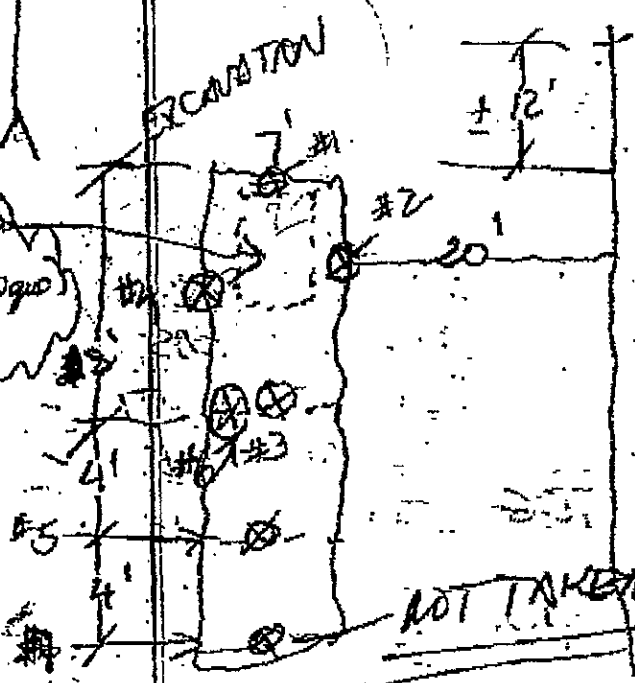
WASTE OIL TANK

EXCAVATION

LOG OF REMOVED WASTEWATER (650 gal)



BUILDING BLDG.



NOT TAKEN

- #5 - BACK UP SAMPLE - AT WATER LINE - 5'
- #6 - IN BAY AREA - 6'
- #7 - NOT TAKEN

Client Name: Mega General & Environmental Contracting, Inc.
Address : 7530 Rosedale Hwy.
Bakersfield, CA 93308

Date samples received : 4-20-89
Date analysis completed: 4-28-89
Date of report : 5-01-89

Laboratory No. 988 through 992 Project: Weatherford BMW

RESULTS OF ANALYSIS

#988 ID: Sample #1
Benzene
Toluene
Ethylbenzene
p-Xylene
m-Xylene
o-Xylene
Isopropylbenzene
TPH (Gasoline)

ugm/gm	MRL, ugm/gm
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	1.0

#989 ID: Sample #2
Benzene
Toluene
Ethylbenzene
p-Xylene
m-Xylene
o-Xylene
Isopropylbenzene
TPH (Gasoline)

ugm/gm	MRL, ugm/gm
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
ND	0.1
1.0	1.0

Method of Analysis: California DOHS LUFT manual
MRL = Minimum Reporting Level
TPH = Total Petroleum Hydrocarbons
ugm/gm = micrograms per gram
ND = Not detected

Stan Comer
Stan Comer

3155 Pegasus Drive
P.O. Box 80835

Bakersfield, CA 93308
Bakersfield, CA 93380

(805) 393-3597
FAX (805) 393-3623

Laboratory No. 988 through 992

Project: Weatherford BMW

RESULTS OF ANALYSIS

	ugm/gm	MRL, ugm/gm
#990 ID: Sample #3		
Benzene	ND	0.1
Toluene	ND	0.1
Ethylbenzene	ND	0.1
p-Xylene	ND	0.1
m-Xylene	ND	0.1
o-Xylene	ND	0.1
Isopropylbenzene	ND	0.1
TPH (Gasoline)	3.2	1.0
#991 ID: Sample #4	ugm/gm	MRL, ugm/gm
TOX	ND	20
Oil & Grease	1,500	20
Total Lead	mg/kg	MRL, mg/kg
	17	5

Method of Analysis for BTX/TPH: California DOHS LUFT manual
Method of Analysis for TOX: EPA 9020
Method of Analysis for Oil & Grease: EPA 9071
Method of Analysis for Total Lead: 3050/7420
MRL = Minimum Reporting Level
TPH = Total Petroleum Hydrocarbons
TOX = Total Organic Halogen
ugm/gm = micrograms per gram
mg/kg = milligrams per kilogram
ND = Not detected

Stan Comer
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Laboratory No. 988 through 992

Project: Weatherford BMW

RESULTS OF ANALYSIS

#992 ID: Sample #5
TOX
Oil & Grease

ugm/gm	MRL, ugm/gm
ND	20
325	20

	mg/kg	MRL, mg/kg
Total Lead	9.9	5

Method of Analysis for TOX: EPA 9020
Method of Analysis for Oil & Grease: EPA 9071
Method of Analysis for Total Lead: 3050/7420
MRL = Minimum Reporting Level
TOX = Total Organic Halogen
ugm/gm = micrograms per gram
mg/kg = milligrams per kilogram
ND = Not detected

Stan Comer
Stan Comer

APR 89 52 FRI 10 10 AM STATION 01 000001 000001

JOI# NO.	PROJECT NAME	NO. OF CONTAINERS	ANALYSIS	REMARKS
LAB. NO.	MEGA / Washburnford BMW SAMPLER (Signature) Richard Lopez		0270 TOL 3810 BTEX 5030 TPA-C	
DATE 9-18-87 NO.	SAMPLE LOCATION/INFORMATION			
988	1 UNDER GASOLINE PUMP	1	X X	1-foot under dis pump
989	2 NORTH GAS TANK	1	X X	1-foot below tank
990	3 SOUTH GAS TANK	1	X X	
991	4 SOUTH OIL TANK	1	X X	
992	5 NORTH OIL TANK	1	X X	

RELINQUISHED BY (Signature) Richard Lopez	DATE/TIME 4/18/89 7:55pm	RECEIVED BY (Signature) Shea Mendenhall	DATE/TIME 4/20/89
RELINQUISHED BY (Signature) Shea Mendenhall	DATE/TIME 4/20/89	RECEIVED BY (Signature) Kara Henry	DATE/TIME
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED FOR LAB. BY (Signature)	



CLIENT COPY

Crosby & Overton

Industrial & Environmental Services

F A X O G R A M

DATE 3-8-93

T O:

NAME SUSAN HUGO
COMPANY ALABAMA Co. ENV. HEALTH
PHONE: () _____
FAX: () 569-4757

F R O M:

DARRELL TAYLOR
CROSBY & OVERTON, INC.
(510) 633-0336
(510) 633-0759

MESSAGE:

SUSAN,

I found this in a former employees
F-20 for this case. There was a 3-11-90 SAMPLE REPORT PERFORMED
By WEA GENERAL & ENVIRONMENTAL CONTRACTORS (A previous contractor
AT THIS SITE). ENCLOSED PLEASE FIND THE ANALYTICAL FOR THIS
SAMPLE REPORT

- () ORIGINAL TO FOLLOW:
 - () VIA U.S. MAIL
 - () VIA EXPRESS MAIL

- () REPLY REQUESTED

- NO HARD COPY TO FOLLOW
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8430 Amelia Street, Oakland, California 94621
(510) 633-0336 (800) 821-0424 FAX (510) 633-0759

NORTHERN CALIFORNIA OFFICE
P.O. BOX 462, PINOLE CA, 94564 (415) 724-7143

SOUTHERN CALIFORNIA OFFICE
P.O. BOX 1891, BAKERSFIELD CA, 93303 (805) 389-7135

SAMPLING ANALYSIS REQUEST

PART II: Field Section
Collector Joel Munderf Date Sampled 3-11-90 Time 11:30 hour
Affiliation of Sampler _____
Address _____ city _____ state _____
Telephone _____ Company Contact _____

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
<u>779</u>	<u>BROW-W-2-B</u>	<u>WATER</u>	<u>HOLD</u>
<u>780</u>	<u>BROW-W-2-C</u>	<u>WATER</u>	<u>OIL + GREASE</u>
<u>781</u>	<u>BROW-W-3-A</u>	<u>WATER</u>	<u>TPH (DIESEL)</u>
<u>782</u>	<u>BROW-W-3-B</u>	<u>WATER</u>	<u>HOLD</u>
<u>783</u>	<u>TRAVEL BLANK</u>		

Analysis Requested See Sheet #1

Special Handling and/or Storage TRANSPORT AS SLUDGE

PART III: Laboratory Section**
Received by B. Jany Title LAB SUPV. Date 3-1
Analysis Required _____

*Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

NORTHERN CALIFORNIA OFFICE
P.O. BOX 462, PINOLE CA, 94564 (415) 724-7143

SOUTHERN CALIFORNIA OFFICE
P.O. BOX 1891, BAKERSFIELD CA, 93303 (805) 589-7135

SAMPLING ANALYSIS REQUEST

PART I: Field Section

Collector Joel Mundorf Date Sampled 3-11-90 Time 11:30 hr

Affiliation of Sampler _____

Address _____
number street city state

Telephone () _____ Company Contact _____

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION
<u>775</u>	<u>Bmw-w-1-A</u>	<u>WATER</u>	<u>TPH (DIESEL)</u>
<u>776</u>	<u>Bmw-w-1-B</u>	<u>WATER</u>	<u>Hold</u>
<u>777</u>	<u>Bmw-w-1-C</u>	<u>WATER</u>	<u>OIL + GREASE</u>
<u>778</u>	<u>Bmw-w-2-A</u>	<u>WATER</u>	<u>TPH (DIESEL)</u>

Analysis Requested See sheet #1

Special Handling and/or storage TRIMMINGS AS SOLID

PART II: Laboratory Section** SAMPLES COLLECTED

Received by B. J. [Signature] Title LAB SUPV. Date 3-

Analysis Required _____

*Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

91 WED 16:42 IRONWOOD C.C.
MEGA GENERAL & ENVIRONMENTAL CONTRACTING, INC.
LICENSE NO. 536353 HAZ-A-B

NORTHERN CALIFORNIA OFFICE
P.O. BOX 462, PINOLE CA, 94564 (415) 724-7143

SOUTHERN CALIFORNIA OFFICE
P.O. BOX 1891, BAKERSFIELD CA, 93303 (805) 589-7135

SAMPLING ANALYSIS REQUEST

PART I: Field Section

Collector Joel Mondorf Date Sampled 3-11-90 Time 11:30 hou

Affiliation of Sampler _____

Address _____
number street city state

Telephone () _____ Company Contact _____

LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*	FIELD INFORMATION**
<u>771</u>	<u>BMW-W-3-C</u>	<u>WATER</u>	<u>OIL + GREASE</u>
<u>772</u>	<u>BMW-W-1-D</u>	<u>WATER</u>	<u>BTK+E</u>
<u>773</u>	<u>BMW-W-2-D</u>	<u>WATER</u>	<u>BTK+E</u>
<u>774</u>	<u>BMW-W-3-D</u>	<u>WATER</u>	<u>BTK+E</u>

Analysis Requested TPH - Diesel (EPA Method 801.1)

TOC (EPA Method 801.1) and BTK+E (Method 801.1)

Special Handling and/or Storage TRANSPORT IN ICE CHEST W/ ICE

PART II: Laboratory Section** SAMPLES COLD/SEALED

Received by D. J. [Signature] Title LAB SUPV. Date 3-17

Analysis Required _____

*Indicate whether sample is soil, sludge, etc.
**Use back of page for additional information relative to sample location.

Laboratory No. 771 through 783

RESULTS OF ANALYSIS

	ugm/L	MDL,ugm/L
ID: Well #2 (BMW-W-2)	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
p-Xylene	ND	0.5
m-Xylene	ND	0.5
o-Xylene	ND	0.5
Isopropylbenzene	ND	50
TPH (Diesel)	2300	1000
Oil & Grease		

	ugm/L	MDL,ugm/L
ID: Well #3 (BMW-W-3)	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
p-Xylene	ND	0.5
m-Xylene	ND	0.5
o-Xylene	ND	0.5
Isopropylbenzene	ND	50
TPH (Diesel)	3100	1000
Oil & Grease		

Method of Analysis for BTX: 602
 Method of Analysis for TPH (Diesel): 3510/8020 (FID)
 Method of Analysis for Oil & Grease: 403.1
 MDL = Minimum Detection Level
 TPH = Total Petroleum Hydrocarbons
 ugm/L = micrograms per liter
 ND = Not detected

Stan Comer
 Stan Comer

SMC Laboratory

Analytical Chemistry

Client Name: Mega General & Environmental Consulting, Inc.
Address : P.O. Box 462
Pinole, CA 94564

Date samples received : 03/11/90
Date analysis completed: 03/14/90
Date of report : 03/15/90

Project: Weatherford BMW
5903 Christole Ave.
Emeryville, CA 94608

Laboratory No. 771 through 783

RESULTS OF ANALYSIS

ID: Well #1 (BMW-w-1)*	ugm/L	MDL,ugm/L
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
p-Xylene	ND	0.5
m-Xylene	ND	0.5
o-Xylene	ND	0.5
Isopropylbenzene	ND	50
TPH (Diesel)	3300	1000
Oil & Grease		

33

Method of Analysis for BTX: 602
Method of Analysis for TPH (Diesel): 3510/8020 (FID)
Method of Analysis for Oil & Grease: 413.1
MDL = Minimum Detection Level
TPH = Total Petroleum Hydrocarbons
micrograms per gram
detected

Stan Cooper
Stan Cooper

3155 Pegasus Drive
P.O. Box 80638

Bakersfield, CA 93308
Bakersfield, CA 93300

(805) 393-3597
FAX (805) 393-3623