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MARC E. ALTHEN

SCOTT CO.

MECHANICAL CONTRACTORS
1919 Market Street
P.O. Box 12954
Oakland, California 94604
(415) 834-2333
Contractors License No. 184480

November 6, 1989

Geraghty & Miller, Inc.
1050 Marina Way South
Richmond, California 94804

Attention: Mr. Jeffrey W. Hawkins R.G.

Gentlemen:

Please find enclosed a summary of the tank pull, soil sampling and analytical results.

If there are any questions please don't hesitate to call.

Sincerely,

SCOTT CO. OF CALIFORNIA

Bob Dias

Bob Dias
Environmental Manager

Summary of activities of tank pull at Hertz Penskie, 725 Julie Ann Street, Oakland, California, October 10th, 1989.

Arrived on site at 1200 hours. Underground Storage tanks were scheduled to be removed at 1230 hours. All the tanks were exposed in the tank pits, and dry ice had already been put in the tanks. I met with Ariu Levi, of the Alameda County Health Agency, who arrived on the site about 1300 hours. The fire marshal arrived shortly after. I also met with Carolyn Boyles, of E.A. Engineering, Science and Technology. She was hired by Scott Co. to take soil samples, draw up a map of soil locations, and fill out chain-of-custody of samples. She drew up a site map (Figure 1) and identified the tanks while waiting for the arrival of the trucks that were to haul the tanks away. No water was seen in either of the tank pits. A layer of brick, concrete, and wood was exposed at about 4 to 5 feet below ground level in the diesel/gasoline tank pit. It appeared that this was the level of the original landscape and that the soil above was more recent, imported fill. The depth to this brick, etc., was variable.

At 1335 hours the tank removal began. The first tank pulled was the tank that had contained unleaded gasoline. Several inches of water was pooled in the depression left by the tank, and water was draining from inside the tank through a hole located at the bottom of the tank below the fill spout. The tank wrappings were fairly decomposed, particularly at the bottom. The water in the pit had a strong odor of product and was black in color.

The second tank removed was the large diesel tank. No holes or evidence of weakness in the seams was seen. The tank wrappings were partially decomposed, and water was pooled beneath the tank. This water had a strong product odor and appeared to have product in it.

The third tank removed was the small (about 550 gallon) diesel tank. The tank appeared intact, and there was no water in the shallow depression. While the waste oil tank was being pulled Carolyn began soil sampling. Seven soil samples were taken at the two tank pits. Figure 1 shows the sample depths, location, and OVM readings for the samples.

Mr. Levi stated which analyses he wanted run on the samples (according to State of California Leaking Underground Fuel Tank guidelines) and the location of some of the samples, namely Samples 3 and 6. He did not think it was necessary to run an 8270 (priority pollutants) on Sample 7 (from the waste oil tank). The analyses that have been performed are listed on the attached copy of the chain-of-custody.

Figure 2 shows the locations of remaining samples to be taken. Two soil piles from the diesel/gasoline tank pit and one pile from the waste oil tank pit were on the site. One composite sample from the waste oil pit pile and one composite sample from the two diesel/gasoline tank pit piles need to be taken. Also, one sample for every 20 feet of product lines (one to two

samples) and one sample from inside the garage at the remote oil drain pipe still need to be taken. Because the product lines and the pipe in the garage had not yet been exposed, it was decided to take the composite samples at a later date, when the other samples will be taken. For the composite sample from the diesel/gasoline piles and the sample(s) along the product lines, Mr. Levi requested analysis for total petroleum hydrocarbons (TPH) as gasoline, diesel, oil and grease, and also for the volatile aromatics, benzene, toluene, xylene, and ethylbenzene (BTXE). For the pile from the waste oil tank pit and the sample in the garage he requested analyses for TPH as gasoline, diesel, oil and grease; for the volatile organics, including BTXE, by GC/MS; and for the metals cadmium, chromium, lead and zinc. Again, he did not feel that running an 8270 was necessary.

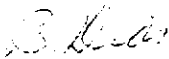
The water collected in the tank depressions in the tank pit did not look like groundwater but, rather, water that had accumulated during the cleaning of the tanks. Mr. Levi requested we pump this water out of the pit and then, if new water seeped in, collect a sample of that. When we arrived 16 hours later with a truck to pump this water out of the pit, the water was gone. It had seeped down below the excavation, and no new water had seeped in. After the samples were collected a chain-of-custody form was filled out and given to Ray Rodda for Transport to Western Environmental Science & Technology for analyses.

The four tanks to be cut up and scrapped were shipped to H & H Environmental Services at 220 China Basin Street, San Francisco, California.

Certificate of disposal to follow.

Sincerely,

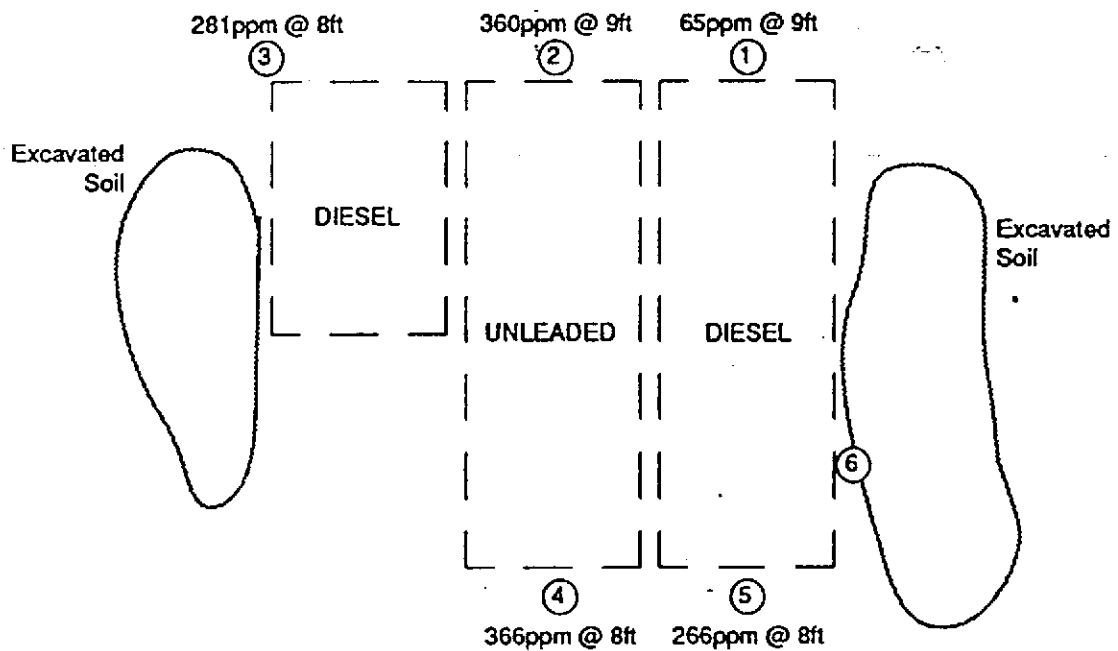
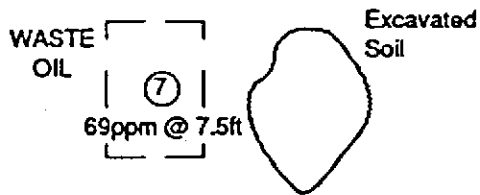
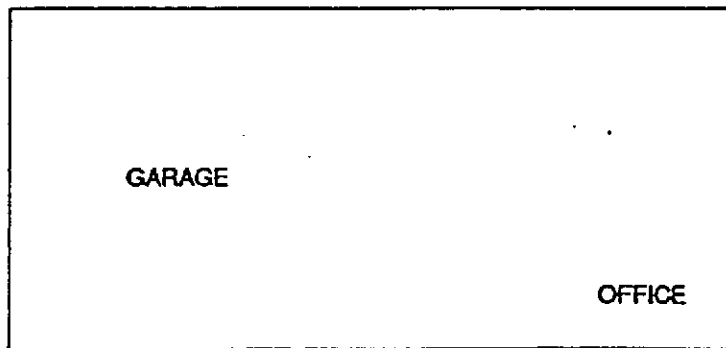
SCOTT CO. OF CALIFORNIA



Bob Dias
Environmental Manager

BD:jj

cc: Mark Althen (Hertz Penske)

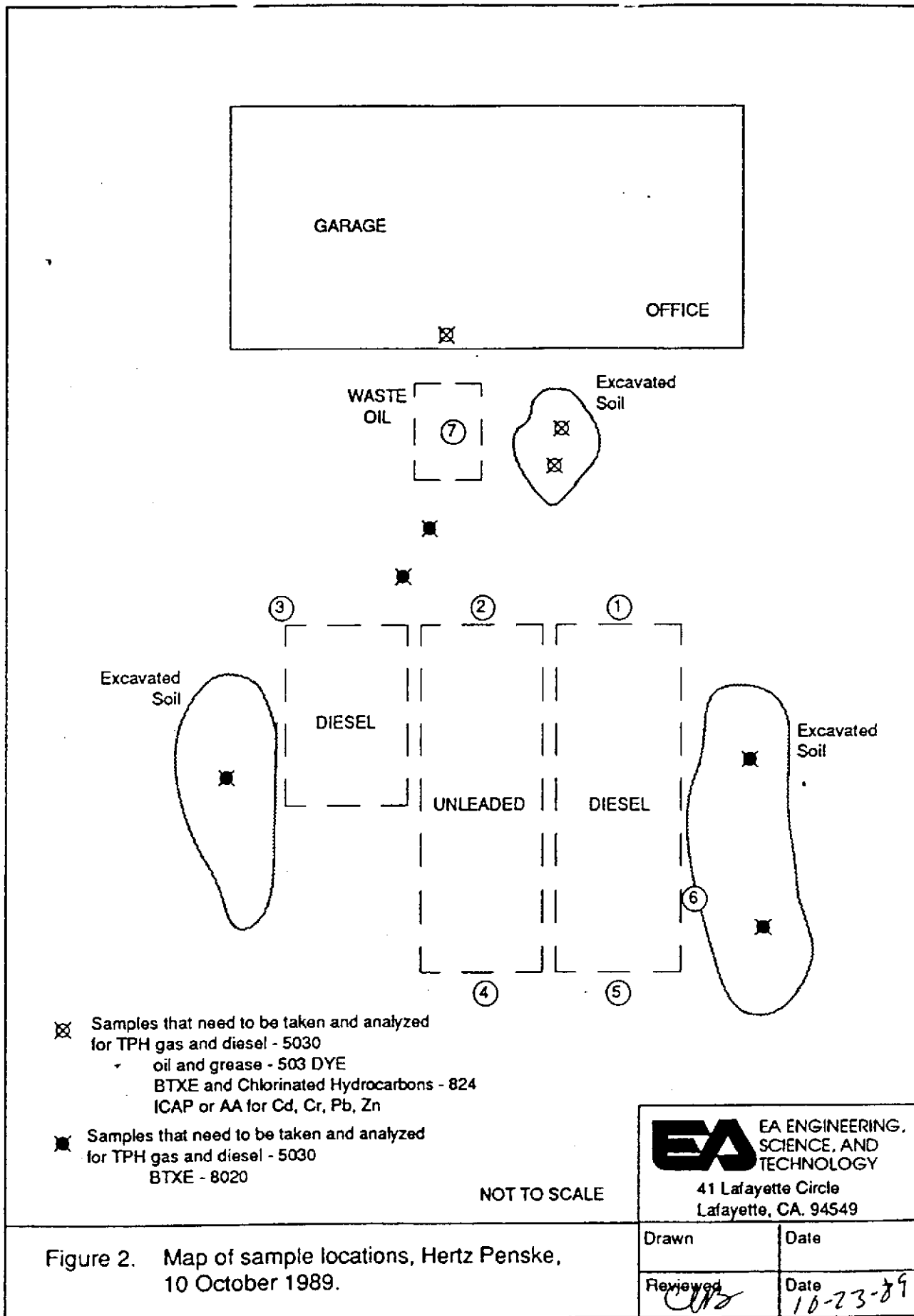


NOT TO SCALE

EA EA ENGINEERING,
SCIENCE, AND
TECHNOLOGY
41 Lafayette Circle
Lafayette, CA. 94549

Figure 1. Map of soil sample locations and OVM readings from the sample area at Hertz Penske, 10 October 1989.

Drawn	Date
Reviewed <i>CB</i>	Date 10-23-89



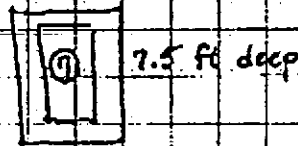
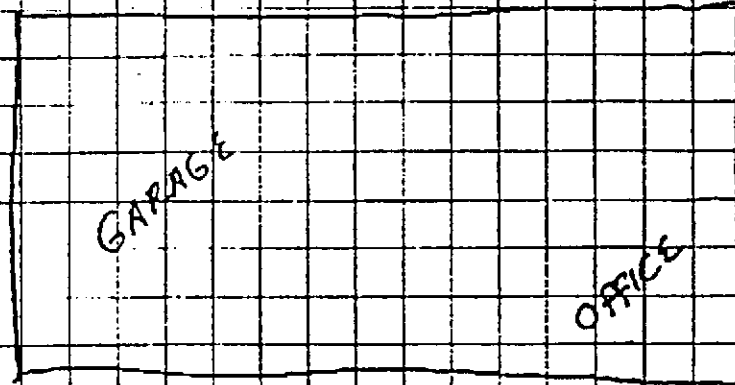


Project _____ Project No. _____

Subject _____ Sheet No. _____ of _____

Drawing No. _____

Computed by _____ Date _____ Checked by _____ Date _____



8 ft deep

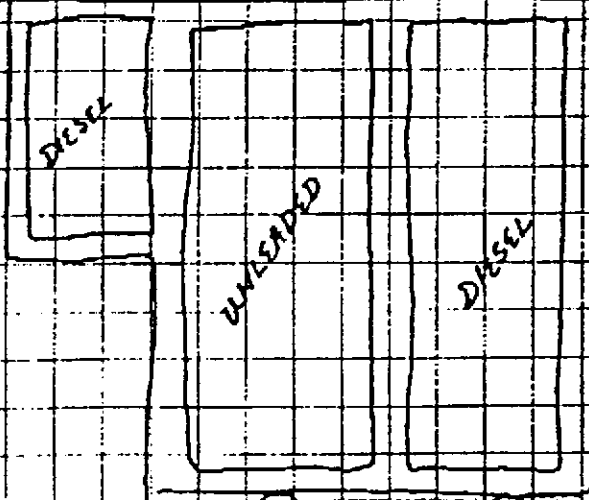
③

9 ft deep

②

9 ft deep

④



⑥ 9.5 ft deep

④ 8 ft deep

⑤ 8 ft deep

SOIL SAMPLE LOCATIONS
AT HERTZ PENSKE, 725
JULIANN, OAKLAND, CA
10 OCTOBER 1989



October 12, 1989
Sample Log 1123

Jay Groh
Scott Company
1919 Market Street
Oakland, CA 94607

Subject: Analytical Results for 7 Soil Sample(s)
Identified as: Hertz - Penške
Received: October 11, 1989

Dear Mr. Groh:

Analysis of the sample(s) referenced above has been completed. This report is written to confirm results communicated on October 12, 1989 and describes procedures used to analyze the samples.

Samples were received in brass sleeves that were sealed with aluminum foil and plastic endcaps. Each sample was transported and received under documented chain of custody, assigned a consecutive log number and stored at 4 degrees C until analysis was performed.

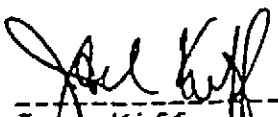
Sample(s) were analyzed for the following:

- "BTEX" (EPA Method 8020/Purge-and-Trap)
- "TPH as Gasoline" (Modified EPA Method 8015/Purge-and-Trap)
- "TPH as Diesel" (Modified EPA Method 8015/Extraction)

Please refer to the following table(s) for summarized analytical results and contact us if you have questions regarding procedures or results. The chain-of-custody document is enclosed.

Submitted by:

Approved by:



Joe Kiff
Project Chemist

Robert G. Smith, Ph.D.
Laboratory Director



October 12, 1989
Sample Log 1123

Table 1: 'BTEX' Results for 7 Soil Sample(s) Identified as
Hertz - Penske
Received October 11, 1989

--all concentrations are units of mg/kg--

Sample	Benz.	Tol.	Eth.Benz.	Xyl.
Sample 1, 9'	.46	.27	<.05	.09
Sample 2, 9'	10.3	21.2	6.5	36
Sample 3, 8'	32	79	9.1	66
Sample 4, 8'	36	110	38	185
Sample 5, 8'	12	38	11	61
Sample 6, 9.5'	<.05	<.05	<.05	<.05
Sample 7, 7.5'	.16	.08	.05	<.05
Reporting Limit	.05	.05	.05	.05



October 12, 1989
Sample Log 1123

Table 2: TPH Results for 7 Soil Sample(s) Identified as
Hertz - Penske
Received October 11, 1989

--all concentrations are units of mg/kg--

Sample	TPH as Gasoline	TPH as Diesel
Sample 1, 9'	161	2300
Sample 2, 9'	430	4400
Sample 3, 8'	1410	13000
Sample 4, 8'	2100✓	2800
Sample 5, 8'	830	4200
Sample 6, 9.5'	22.4✓	840
Sample 7, 7.5'	97	240
Reporting Limit	.5	10

(215-775-6442)



ANALYTICAL LABORATORY
A DIVISION OF DEWANTE & STOWELL

1914 S STREET, SACRAMENTO, CALIFORNIA 95814 • 916-447-2946

October 24, 1989
Sample Date: 10/10/89
Sample Rec'd: 10/12/89
Report #123616
Page 1 of 3

Western Environmental Science & Technology
1046 Olive Drive, Suite 3
Davis, California 95616

Attn: Joel Kiff

Project Name: Hertz-Penske

<u>ANALYSES</u>	<u>Sample 3</u> 1515 hours 123616-1	<u>Sample 5</u> 1525 hours 123616-2	<u>Sample 7</u> 1535 hours 123616-3	<u>MDL</u>
Grease & Oil, %	0.54	0.35	0.07	0.06
Total Cadmium, mg/kg			<0.5	0.5
Total Chromium, mg/kg			46	1.0
Total Lead, mg/kg			11	5.0
Total Zinc, mg/kg			36	0.5

Data Certified by

Tom King

Report Approved by

Franklin J. Hayward

:nl



ANALYTICAL LABORATORY

A DIVISION OF DEWANTE & STOWELL

1814 G STREET, SACRAMENTO, CALIFORNIA 95814 • 916-447-2946

Volatile Organic Priority Pollutants
EPA #8240

Client: Western Environmental
Science & Technology

Report Date: 10/24/89
Report #: 123616 Page: 2

Sample Description: Sample 7

Anlab ID#: 123616-3 Units: mg/kg

Date Sample Collected: 10/10/89 Time Sample Collected: 1535 @ Lab: 10/12/89 Sample Received Completed: 10/16/89 Date Analysis

Project Name: Hertz-Penske

STORET	COMPOUND	CONCENTRATION	MDL
34030	Benzene.....	<0.2	0.2
32101	Bromodichloromethane.....	<0.2	0.2
32104	Bromoform.....	<0.2	0.2
34413	Bromomethane.....	<0.2	0.2
32102	Carbon tetrachloride.....	<0.2	0.2
34301	Chlorobenzene.....	<0.2	0.2
34311	Chloroethane.....	<0.2	0.2
34576	2-Chloroethylvinyl ether.....	<0.4	0.4
32106	Chloroform.....	<0.2	0.2
34418	Chloromethane.....	<0.2	0.2
32105	Dibromochloromethane.....	<0.2	0.2
34536	1,2-Dichlorobenzene.....	<0.2	0.2
34566	1,3-Dichlorobenzene.....	<0.2	0.2
34571	1,4-Dichlorobenzene.....	<0.2	0.2
34496	1,1-Dichloroethane.....	<0.2	0.2
34531	1,2-Dichloroethane.....	<0.2	0.2
34501	1,1 Dichloroethene.....	<0.1	0.1
34546	Trans-1,2-Dichloroethene.....	<0.2	0.2
34541	1,2-Dichloropropane.....	<0.2	0.2
34704	cis-1,3-Dichloropropene.....	<0.2	0.2
34699	trans-1,3-Dichloropropene.....	<0.2	0.2
34371	Ethyl benzene.....	<0.2	0.2
34423	Methylene chloride.....	<0.2	0.2
34516	1,1,2,2-Tetrachloroethane.....	<0.2	0.2
34475	Tetrachloroethene.....	<0.2	0.2
34010	Toluene.....	<0.2	0.2
34506	1,1,1-Trichloroethane.....	<0.2	0.2
34511	1,1,2-Trichloroethane.....	<0.2	0.2
39180	Trichloroethene.....	<0.2	0.2
39175	Vinyl Chloride.....	<0.4	0.4
34488	Trichlorofluoromethane.....	<0.2	0.2
	Xylene.....	<0.2	0.2

Data Certified by TK Report Approved by [Signature]

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



ANALYTICAL LABORATORY

1914 E STREET, SACRAMENTO, CALIFORNIA 95814 • 916-447-2948

A DIVISION OF DEWANTE & STOWELL

Purgeable Halocarbons
EPA #8010

Client: Western Environmental
Science & Technology

Report Date: 10/24/89
Report # 123616

Page: 3

Sample Description: Sample 7

Anlab ID# 123616-3

Units: mg/kg

Date Sampled

Time Sample

Date Received

Date Analysis

Collected: 10/10/89

Collected: 1535

@ Lab: 10/12/89

Completed: 10/23/89

Project Name: Hertz-Penske

COMPOUND	CONCENTRATION	MDL
Bromodichloromethane.....	<0.05	0.05
Bromoform.....	<0.05	0.05
Bromomethane.....	<0.05	0.05
Carbon tetrachloride.....	<0.05	0.05
Chlorobenzene.....	<0.05	0.05
Chloroethane.....	<0.05	0.05
2-Chloroethylvinyl ether.....	<0.1	0.1
Chloroform.....	<0.05	0.05
Chloromethane.....	<0.05	0.05
Dibromochloromethane.....	<0.05	0.05
1,2-Dichlorobenzene.....	<0.05	0.05
1,3-Dichlorobenzene.....	<0.05	0.05
1,4-Dichlorobenzene.....	<0.05	0.05
Dichlorodifluoromethane.....	<0.05	0.05
1,1-Dichloroethane.....	<0.05	0.05
1,2-Dichloroethane.....	<0.05	0.05
1,1-Dichloroethene.....	<0.02	0.02
1,2-Dichloroethene.....	<0.05	0.05
1,2-Dichloropropane.....	<0.05	0.05
1,3-Dichloropropene.....	<0.05	0.05
1,3-dichloropropene.....	<0.05	0.05
Methylene chloride.....	<0.05	0.05
1,1,2,2-Tetrachloroethane.....	<0.05	0.05
Tetrachloroethene.....	<0.05	0.05
1,1,1-Trichloroethane.....	<0.05	0.05
1,1,2-Trichloroethane.....	<0.05	0.05
Trichloroethene.....	<0.05	0.05
Trichlorofluoromethane.....	<0.05	0.05
Vinyl Chloride.....	<0.1	0.1

Data Certified by TK

Report Approved By [Signature]