



GeoStrategies Inc.

FACSIMILE COVER SHEET

TO: Jeff Shapiro
COMPANY: ACHCSA
FROM: Barbara Sieminski
DATE: 07/02/93
RE: Shamrock Ford site
COMMENTS: Lab reports for a groundwater sample collected from
the waste-oil tank pit

7 pages including cover.

If there are any problems with this transmission, please call (510) 783-7500.



July 2, 1993
Sample Log 6782

Barbara Sieminski
Geostrategies, Inc.
2150 W Winton Ave.
Hayward, CA 94545

Subject: Analytical Results for 1 Water Sample
Identified as: Project # 6100.01 (Shamrock Ford, 7499 Dublin)
Received: 06/29/93

Dear Ms. Sieminski:

Analysis of the sample(s) referenced above has been completed. This report is written to confirm results communicated on July 2, 1993 and describes procedures used to analyze the samples.

The sample(s) were received in:

40ml vva vials sealed with TFE-lined septae
1-L glass bottles sealed with TFE-lined caps
1-L polyethylene bottles sealed with polyethylene caps


Each sample was transported and received under documented chain of custody, assigned a consecutive log number and stored at 4 degrees Celsius until analysis commenced.

Sample(s) were analyzed using the following method(s):

"BTEX" (EPA Method 802/Purge-and-Trap)
"TPH as Gasoline" (Modified EPA Method 8015/Purge-and-Trap)
"TPH as Diesel, Motor Oil, Jet/Kerosene" (Mod. 8015/Extraction)
"Metals by Atomic Absorption/ICAP" (EPA Methods 7000/6010/200.7)
"Oil and Grease" (ASTM Method 5520 B,F)
"Volatile Organic Priority Pollutants" (EPA Method 624)

Please refer to the following table(s) for summarized analytical results and contact us at 916-757-4650 if you have questions regarding procedures or results. The chain-of-custody document is enclosed.

Approved by:


Joel Kiff
Senior Chemist



July 2, 1993
Sample Log 6782

Sample: W-7-F1

From : Project # 6100.01 (Shanrock Ford, 7499 Dublin)

Sampled : 06/29/93

Received : 06/29/93

Matrix : Water

Analyzed : 07/01/93

624 - Volatile Organic Priority Pollutants

Parameter	(MRL) $\mu\text{g/L}$	Measured Value $\mu\text{g/L}$	Flag
Chloromethane	(2.0)	< 2.0	
Bromomethane	(2.0)	< 2.0	
cis-1,2-Dichloroethene	(2.0)	< 2.0	
trans-1,2-Dichloroethene	(2.0)	< 2.0	
Vinyl Chloride	(2.0)	< 2.0	
Chloroethane	(2.0)	< 2.0	
Methylene Chloride	(2.0)	4.4	B
Acetone	(20)	34	B
Carbon Disulfide	(2.0)	< 2.0	
1,1-Dichloroethene	(2.0)	< 2.0	
1,1-Dichloroethane	(2.0)	< 2.0	
Chloroform	(2.0)	< 2.0	
1,2-Dichloroethane	(2.0)	< 2.0	
2-Butanone	(20)	< 20	
1,1,1-Trichloroethane	(2.0)	< 2.0	
Carbon Tetrachloride	(2.0)	< 2.0	
Bromodichloromethane	(2.0)	< 2.0	
1,2-Dichloropropane	(2.0)	< 2.0	
cis-1,3-Dichloropropene	(2.0)	< 2.0	
Trichloroethene	(2.0)	< 2.0	
Dibromochloromethane	(2.0)	< 2.0	
1,1,2-Trichloroethane	(2.0)	< 2.0	
Benzene	(2.0)	2.6	
trans-1,3-Dichloropropene	(2.0)	< 2.0	
Bromoform	(2.0)	< 2.0	
4-Methyl-2-Pentanone	(2.0)	< 2.0	
2-Hexanone	(2.0)	< 2.0	
Tetrachloroethene	(2.0)	< 2.0	
1,1,2,2-Tetrachloroethane	(2.0)	< 2.0	
Toluene	(2.0)	6.1	
Chlorobenzene	(2.0)	< 2.0	
Ethylbenzene	(2.0)	< 2.0	
Styrene	(2.0)	< 2.0	
P,M-Xylene	(2.0)	5.6	
O-Xylene	(2.0)	3.2	


Paul Elms
Senior Analyst



July 2, 1993
Sample Log 6782

EPA 624 System Monitoring Compound Recovery

Sample	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
W-7-T1	99	87	82		0

QC Limits

SMC1 (TOL) = Toluene-d8 (88-120)
SMC2 (BFB) = Bromofluorobenzene (86-120)
SMC3 (DCE) = 1,2-Dichloroethane-d4 (76-114)

Column to be used to flag recovery values

* Values outside of QC limits

D System Monitoring Compound diluted out


Joe Rice
Senior Chemist



July 2, 1993
Sample Log 6782

Sample: W-7-T1

From : Project # E100.01 (Shamrock Ford, 7499 Dublin)
Sampled : 06/29/93
Received : 06/29/93
Matrix : Water

Parameter	(NRL) $\mu\text{g/L}$	Measured Value $\mu\text{g/L}$
Cadmium	(2.0)	17
Chromium	(5.0)	460
Lead	(5.0)	850
Zinc	(10)	530
Nickel	(10)	1200
Oil/Grease (5520B,F)	(1000)	2200


Joel Elst
Sample Operator