

1R - 125

REPORTS

DATE:

11/24/97

ABATEMENT PLAN



5309 Wurzbach, Suite 100
San Antonio, Texas 78238
(210) 680-3767
(210) 680-3763 FAX

November 24, 1997

Mr. Tony Savoie
TEXAS - NEW MEXICO PIPE LINE COMPANY
P. O. Box 1030
Jal, New Mexico 88252

RECEIVED

APR 15 1998

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Re: Remediation Action Plan
Texas - New Mexico Pipe Line Company
Stevens Property, Sec 14-T21S-R37E, Lea County, New Mexico
KEI Job No. 710031

Dear Mr. Savoie:

The following activities are proposed to address soils impacted with hydrocarbon originating from the Texas - New Mexico Pipe Line Co. (TNMPL) release at the referenced site:

- Excavation of shallow soils above NMOCD standard closure levels of 100 ppm TPH, 50 ppm total BTEX, and 10 ppm benzene.
- Based on the presence of a former Chevron pit in the release area and the initial site assessment results, TNMPL will excavate the upper 18" of soil impacted by the TNMPL release in the area of the pit. All impacted soils outside the pit that are above closure levels will be excavated.
- Confirmation sampling will not be performed in the Chevron pit because of the presence of hydrocarbon in this pit prior to the TNMPL release.
- Confirmation sampling outside the pit will include collection of composite samples at selected locations along the excavated area. Excavation will continue outside the pit until the closure standards have been achieved.
- Excavated soils will be temporarily stockpiled on-site and subsequently transported to an approved landfarm. Clean backfill material will be imported and placed into the excavations outside the pit. TNMPL will coordinate with Chevron to determine if the excavated pit area is to be backfilled.

Please contact me with any questions at (210) 680-3767.

Respectfully,

J. Michael Hawthorne, P.G., REM
Senior Geologist

cc: Marc Oler



5309 Wurzbach, Suite 100
San Antonio, Texas 78238
(210) 680-3767
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December 1, 1997

Mr. Tony Savoie
TEXAS - NEW MEXICO PIPE LINE COMPANY
P. O. Box 1030
Jal, New Mexico 88252

RECEIVED

APR 15 1998

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Re: Initial Release Response
Texas - New Mexico Pipe Line Company
Stevens Property
Lea County, New Mexico
KEI Job No. 710031

Dear Mr. Savoie:

This letter summarizes initial release response subsurface investigation activities conducted from July 25, 1997 through August 6, 1997, at the referenced site. The information included herein addresses the purpose and scope of the investigation, background information, field investigation activities, and laboratory analytical results.

PURPOSE AND SCOPE

The primary purpose of the investigation was to assess the extent of hydrocarbons across the site. The scope of work during the subsurface investigation included advancing 13 soil borings, collecting native soil samples, and submitting the soil samples for determination of total petroleum hydrocarbons (TPH) concentrations. Soil samples were also variously submitted for determination of chlorides and volatile/semi-volatile concentrations.

BACKGROUND INFORMATION

A hydrocarbon release was identified at the site during July of 1997. The release appeared to migrate down hill into a former Chevron pit, accumulated on a portion of the pit surface, and then migrated off the former pit into adjacent pasture land. The boundaries of the former Chevron pit and the TNMPL release surface stain were clearly visible. The former pit was being remediated on the surface (plow and fertilizer), but no vertical delineation had been performed, to our knowledge.

FIELD INVESTIGATION

WORK PLAN

During the subsurface investigation, thirteen soil borings, designated No. 1 through No. 13, were advanced utilizing a hand auger. The soil borings were advanced past the stain depth or until auger refusal. A Site Plan with the approximate locations of the soil borings and other site details is presented as FIG. 1.

The soil borings were advanced using the following guidelines:

- one soil boring in the source area (No. 1);
- one soil boring halfway between the source area and the former Chevron pit (No. 2);
- four soil borings in the former pit (two outside of the TNMPL surface stain and two inside of the stained area - Nos. 3, 4, 12, and 13); and
- one soil boring every 50 feet in the two "arms" that flowed out of the former pit (No. 5 through No. 11).

SOIL SAMPLING

Soil samples were collected at six inch intervals for the first foot and then at one foot intervals until boring termination depth. The soils were field screened, and samples were prepared and shipped to the laboratory for determination of TPH concentrations. Soil samples were also variously submitted for determination of chlorides and volatile/semi-volatile concentrations.

Representative soil samples were divided into two separate portions using clean, disposable gloves and clean sampling tools. One portion of the soil sample was placed in a disposable sample bag. The bag was labeled and sealed for head-space analysis using a photo-ionization detector (PID) calibrated to a 100 ppm isobutylene standard.

The other portion of the soil sample was placed in a sterile glass container equipped with a Teflon-lined lid furnished by the analytical laboratory. The container was filled to capacity with soil to limit the amount of head-space present. Each container was labeled and placed on ice in an insulated cooler. Upon selection of samples for analysis, the cooler was sealed for shipment to the laboratory. Proper chain-of-custody documentation was maintained throughout the sampling process.

Two to three soil samples were selected from each soil boring based on the following criteria:

- The sample with the highest head-space reading.
- The sample at the bottom of each boring.

The samples were transported to Environmental Lab of Texas, Inc. in Odessa, Texas for determination of TPH concentrations by EPA Method SW846-8015M Diesel Range Organics (DRO). Ten soil samples were selected and submitted for determination of chloride concentrations by EPA Method SW846-9252. Eleven soil samples were selected and submitted for determination of volatile/semi-volatile concentrations by EPA Method SW846-8240 and SW846-8270, respectively.

SOIL ANALYTICAL RESULTS

The soil analytical results indicated the following concentrations:

CONSTITUENT	CONCENTRATION RANGE (mg/kg)
TPH	ND to 37,168
Chlorides	255 to 2,552
Carbon Disulfide	ND to 0.103
Methylene Chloride	ND to 2.353
2-Butanone	ND to 2.353
Benzene	ND to 2.723
Toluene	ND to 37.256
Ethylbenzene	ND to 26.086
m & p Xylene	ND to 18.155
o-Xylene	ND to 19.265

Note: All volatile compounds not listed above and all semi-volatile compounds were below laboratory reporting limits.

Soil analytical results are summarized in TABLE I through TABLE IX. TPH and chloride concentrations are also graphically presented on FIG. 2. Soil laboratory analytical reports are presented in APPENDIX A.

Please contact me with any questions at (210) 680-3767.

Respectfully,



J. Michael Hawthorne, P.G., REM

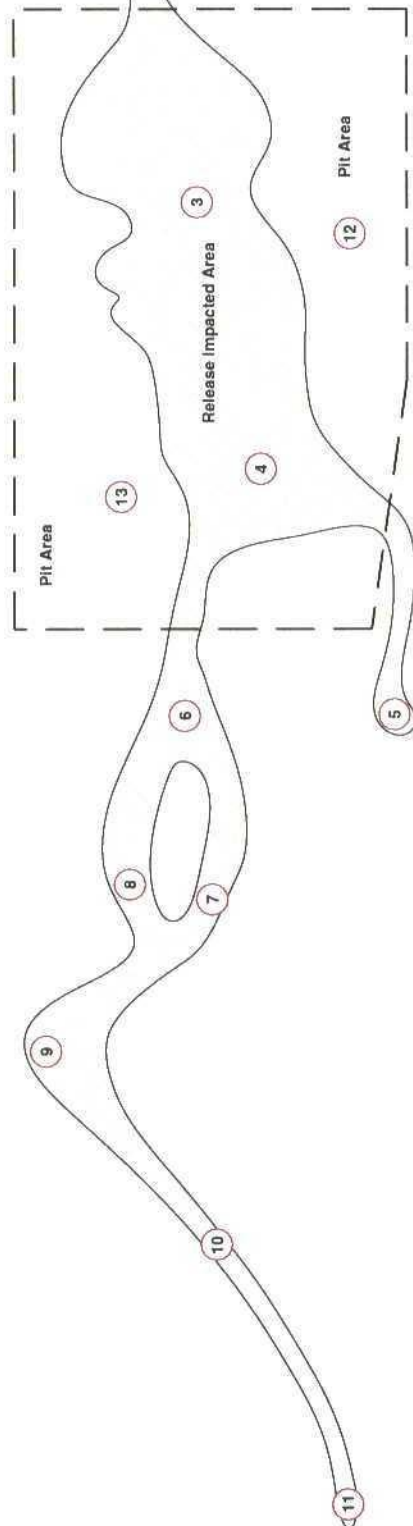
Enclosure

cc: Lance Tolson
Marc Oler

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Warren Gas Line



TNMPL 4" Line



Approximate Scale: 1"=40'

0 20 40

NOTE: Adjacent properties are not to scale.

Warren Gas Line

07/25/97			
D=	6-12"	21-24"	
TPH=	5342	19	NA
CL=	NA	NA	NA

07/25/97			
D=	0-6"	15-19"	
TPH=	5054	103	NA
CL=	NA	NA	NA

07/25/97			
D=	24-36"	60-66"	
TPH=	10576	ND	NA
CL=	NA	NA	NA

07/25/97			
D=	6-12"	12-24"	
TPH=	4595	1417	NA
CL=	NA	NA	NA

07/25/97			
D=	0-6"	16-21"	
TPH=	2168	ND	NA
CL=	NA	NA	NA

07/25/97			
D=	12-24"	32-36"	
TPH=	6496	15	NA
CL=	NA	NA	NA

07/28/97			
D=	12-24"	48-60"	
TPH=	10312	5059	
CL=	1702	1489	

07/25/97			
D=	0-6"	12-24"	
TPH=	37168	17663	
CL=	2127	2552	

07/25/97			
D=	12-24"	48-60"	
TPH=	9500	15	
CL=	798	893	

07/25/97			
D=	12-24"	36-42"	
TPH=	35837	942	
CL=	723	1106	

LEGEND	
D=	Depth Below Ground Surface which Soil Sample was obtained (inches).
TPH=	Total Petroleum Hydrocarbon Concentration (mg/kg).
CL=	Chloride Concentration (mg/kg).
NA=	Not Analyzed.
ND=	Indicates Constituent Concentration Below Laboratory Reporting Limit.

07/25/97			
D=	6-12"	12-22"	
TPH=	7040	4234	
CL=	255	404	

Release Location

Release Impacted Area

TNMPL 4" Line

SOIL SAMPLE RESULTS

TNMPL STEVENS PROPERTY

LEA COUNTY, NEW MEXICO

710031

FIG 2

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GENERAL NOTES

ND - Indicates constituent was not detected above the laboratory reporting level.
--- - Indicates parameter was not analyzed.
DRO - Diesel Range Organics

Laboratory reporting limits: TPH - 10 mg/kg

Laboratory test methods: TPH - EPA Method SW846-8015M Diesel Range Organics
Chlorides - EPA Method SW846-9252
Volatiles - EPA Method SW846-8240
Semi-volatiles - EPA Method SW846-8270

TABLE I

SUMMARY OF LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVENS PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	DEPTH (inches)	TPH (mg/kg)	CHLORIDE (mg/kg)
No. 1	07/25/97	6 - 12	7,040	255
No. 1	07/25/97	12 - 22	4,234	404
No. 2	07/25/97	0 - 6	1,699	---
No. 2	07/25/97	12 - 15	ND	---
No. 3	07/25/97	0 - 6	37,168	2,127
No. 3	07/25/97	12 - 24	17,663	2,552
No. 3	07/25/97	48 - 60	15,591	---
No. 4	07/25/97	12 - 24	35,837	723
No. 4	07/25/97	36 - 42	942	1,106
No. 5	07/25/97	6 - 12	5,484	---
No. 5	07/25/97	12 - 24	302	---
No. 6	07/25/97	6 - 12	4,595	---
No. 6	07/25/97	12 - 24	1,417	---
No. 7	07/25/97	24 - 36	10,576	---
No. 7	07/25/97	60 - 66	ND	---
No. 8	07/25/97	12 - 24	6,496	---
No. 8	07/25/97	32 - 36	15	---
No. 9	07/25/97	6 - 12	5,342	---
No. 9	07/25/97	21 - 24	19	---
No. 10	07/25/97	0 - 6	5,054	---
No. 10	07/25/97	15 - 19	103	---
No. 11	07/25/97	0 - 6	2,168	---
No. 11	07/25/97	16 - 21	ND	---
No. 12	07/25/97	12 - 24	9,500	798
No. 12	07/25/97	48 - 60	15	893
No. 13	07/28/97	6 - 12	10,312	1,702
No. 13	07/28/97	6 - 12	5,059	1,489

TABLE II

SUMMARY OF VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 1	NO. 1	NO. 3	NO. 3	NO. 4	NO. 4	NO. 4	NO. 12	NO. 12	NO. 12	NO. 13	NO. 13
SAMPLE DATE:		07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/28/97	07/28/97
SAMPLE DEPTH (inches):		6 - 12	12 - 22	0 - 6	12 - 24	12 - 24	12 - 24	36 - 42	12 - 24	12 - 24	48 - 60	12 - 24	48 - 60
COMPOUND	PRACTICAL QUANTITATION LIMIT (ppm)	CONCENTRATION (mg/kg)											
Chloromethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	0.100	ND	ND	0.103	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.100	ND	0.114	ND	2.353	0.151	0.151	0.151	ND	ND	ND	0.186	0.161
trans-1,2-Dichloroethene	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	1.000	1.783	ND	ND	ND	ND	ND	1.743	2.353	1.914	ND	ND	1.588
Chloroform	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.100	ND	ND	2.723	0.119	0.692	0.692	ND	ND	ND	ND	ND	ND
1,2 Dichloroethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl Vinyl ether	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE II
(continued)

SUMMARY OF VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 1	NO. 1	NO. 3	NO. 3	NO. 4	NO. 4	NO. 12	NO. 12	NO. 13	NO. 13
SAMPLE DATE:		07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/25/97	07/28/97	07/28/97
SAMPLE DEPTH (inches):		6 - 12	12 - 22	0 - 6	12 - 24	12 - 24	36 - 42	12 - 24	48 - 60	12 - 24	48 - 60
COMPOUND	PRACTICAL QUANTITATION LIMIT (ppm)	CONCENTRATION (mg/kg)									
	4-Methyl 2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis 1,3 Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	0.403	0.156	37.256	1.646	4.653	0.158	0.173	ND	ND	ND
	trans 1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	5.117	2.506	26.086	1.442	6.158	0.185	0.242	ND	ND	ND
	m&p Xylene	12.543	6.549	18.155	3.135	12.277	0.511	0.372	ND	0.156	0.122
	o-Xylene	8.200	4.606	19.265	2.003	6.875	0.245	0.233	ND	ND	ND
	Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

TABLE III

SOIL BORING NO. 1
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 1	NO. 1
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		6 - 12	12 - 22
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
N-Nitrosodimethylamine	25	ND	ND
2-Picoline	250	ND	ND
Methyl methanesulfonate	25	ND	ND
Ethyl methanesulfonate	25	ND	ND
Phenol	25	ND	ND
Aniline	125	ND	ND
bis(2-Chloroethyl)ether	125	ND	ND
2-Chlorophenol	125	ND	ND
1,3-Dichlorobenzene	25	ND	ND
1,4-Dichlorobenzene	25	ND	ND
Benzyl alcohol	125	ND	ND
1,2-Dichlorobenzene	25	ND	ND
2-Methylphenol	25	ND	ND
bis(2-Chloroisopropyl)ether	125	ND	ND
4-Methylphenol/3-Methylphenol	25	ND	ND
Acetophenone	125	ND	ND
n-Nitrosodi-n-propylamine	25	ND	ND
Hexachloroethane	25	ND	ND
Nitrobenzene	25	ND	ND
N-Nitrosopipendine	125	ND	ND
Isophonrone	125	ND	ND
2-Nitrophenol	125	ND	ND
2,4-Dimethylphenol	125	ND	ND
bis(2-Chloroethoxy)methane	25	ND	ND
Benzoic acid	500	ND	ND
2,4-Dichlorophenol	125	ND	ND
1,2,4-Trichlorobenzene	25	ND	ND
a,a Dimethylphenethylamine	250	ND	ND
Naphthalene	25	ND	ND
4-Chloroaniline	125	ND	ND
2,6-Dichlorophenol	125	ND	ND
Hexachlorobutadiene	25	ND	ND
N-Nitroso-di-n-butylamine	125	ND	ND
4-Chloro-3-methylphenol	125	ND	ND

TABLE III
(continued)

SOIL BORING NO. 1
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 1	NO. 1
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		6 - 12	12 - 22
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
2-Methylnaphthalene	25	ND	ND
1,2,4,5-Tetrachlorobenzene	25	ND	ND
Hexachlorocyclopentadiene	25	ND	ND
2,4,6-Trichlorophenol	125	ND	ND
2,4,5-Trichlorophenol	125	ND	ND
2-Chloronaphthalene	25	ND	ND
1,-Chloronaphthalene	25	ND	ND
2-Nitroaniline	125	ND	ND
Dimethylphthalate	25	ND	ND
Acenaphthylene	25	ND	ND
2,6-Dinitrotoluene	25	ND	ND
3-Nitroaniline	125	ND	ND
Acenaphthene	25	ND	ND
2,4-Dinitrophenol	125	ND	ND
Dibenzofuran	125	ND	ND
Pentachlorobenzene	25	ND	ND
4-Nitrophenol	125	ND	ND
1-Naphthylamine	250	ND	ND
2,4-Dinitrotoluene	25	ND	ND
2-Naphthylamine	250	ND	ND
2,3,4,6-Tetrachlorophenol	125	ND	ND
Fluorene	25	ND	ND
Diethylphthalate	25	ND	ND
4-Chlorophenyl-phenylether	25	ND	ND
4-Nitroaniline	125	ND	ND
4,6 Dinitro-2-methylphenol	125	ND	ND
n-Nitrosodipentamine & Diphenylam	25	ND	ND
Diphenylhydrazine	125	ND	ND
4-Bromophenyl-phenylether	25	ND	ND
Phenacetin	125	ND	ND
Hexachlorobenzene	25	ND	ND
4-Aminobiphenyl	125	ND	ND
Pentachlorophenol	125	ND	ND
Pentachloronitrobenzene	125	ND	ND

TABLE III
(continued)

SOIL BORING NO. 1
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 1	NO. 1
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		6 - 12	12 - 22
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
Pronomide	25	ND	ND
Phenanthrene	25	ND	ND
Anthracene	25	ND	ND
Di-n-butylphthalate	25	ND	ND
Fluoranthene	25	ND	ND
Benzidine	500	ND	ND
Pyrene	25	ND	ND
p-Dimethylaminoazobenzene	25	ND	ND
Butylbenzylphthalate	25	ND	ND
Benzo (a)anthracene	25	ND	ND
3,3-Dichlorobenzidine	125	ND	ND
Chrysene	25	ND	ND
bis (2-Ethylhexyl)phthalate	25	ND	ND
Di-n-octipthalate	25	ND	ND
Benzo(b)fluoranthene	25	ND	ND
7,12-Dimethylbenz(a)anthracene	25	ND	ND
Benzo(k)fluoranthene	25	ND	ND
Benzo(a)pyrene	25	ND	ND
3-Methylcholanthrene	25	ND	ND
Dibenzo(a,j) acridine	250	ND	ND
Indeno (1,2,3-cd) pyrene	25	ND	ND
Dibenz (a,h) anthracene	25	ND	ND
Benzo (g,h,i) perylene	25	ND	ND

TABLE IV

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		0 - 6
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
N-Nitrosodimethylamine	625	ND
2-Picoline	625	ND
Methyl methanesulfonate	625	ND
Ethyl methanesulfonate	625	ND
Phenol	625	ND
Aniline	3,125	ND
bis(2-Chloroethyl)ether	3,125	ND
2-Chlorophenol	3,125	ND
1,3-Dichlorobenzene	625	ND
1,4-Dichlorobenzene	625	ND
Benzyl alcohol	3,125	ND
1,2-Dichlorobenzene	625	ND
2-Methylphenol	625	ND
bis(2-Chloroisopropyl)ether	3,125	ND
4-Methylphenol/3-Methylphenol	625	ND
Acetophenone	3,125	ND
n-Nitrosodi-n-propylamine	625	ND
Hexachloroethane	625	ND
Nitrobenzene	625	ND
N-Nitrosopipendine	3,125	ND
Isophorone	3,125	ND
2-Nitrophenol	3,125	ND
2,4-Dimethylphenol	3,125	ND
bis(2-Chloroethoxy)methane	625	ND
Benzoic acid	6,250	ND
2,4-Dichlorophenol	3,125	ND
1,2,4-Trichlorobenzene	625	ND
a,a Dimethylphenethylamine	6,250	ND
Naphthalene	625	ND
4-Chloroaniline	3,125	ND
2,6-Dichlorophenol	3,125	ND
Hexachlorobutadiene	625	ND
N-Nitroso-di-n-butylamine	3,125	ND
4-Chloro-3-methylphenol	3,125	ND

TABLE IV
(continued)

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		0 - 6
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
2-Methylnaphthalene	625	ND
1,2,4,5-Tetrachlorobenzene	625	ND
Hexachlorocyclopentadiene	625	ND
2,4,6-Trichlorophenol	3,125	ND
2,4,5-Trichlorophenol	3,125	ND
2-Chloronaphthalene	625	ND
1,-Chloronaphthalene	625	ND
2-Nitroaniline	3,125	ND
Dimethylphthalate	625	ND
Acenaphthylene	625	ND
2,6-Dinitrotoluene	625	ND
3-Nitroaniline	3,125	ND
Acenaphthene	625	ND
2,4-Dinitrophenol	3,125	ND
Dibenzofuran	3,125	ND
Pentachlorobenzene	625	ND
4-Nitrophenol	3,125	ND
1-Naphthylamine	3,125	ND
2,4-Dinitrotoluene	625	ND
2-Naphthylamine	3,125	ND
2,3,4,6-Tetrachlorophenol	3,125	ND
Fluorene	625	ND
Diethylphthalate	625	ND
4-Chlorophenyl-phenylether	625	ND
4-Nitroaniline	3,125	ND
4,6 Dinitro-2-methylphenol	625	ND
n-Nitrosodipentamine & Diphenylam	625	ND
Diphenylhydrazine	3,125	ND
4-Bromophenyl-phenylether	625	ND
Phenacetin	3,125	ND
Hexachlorobenzene	625	ND
4-Aminobiphenyl	3,125	ND
Pentachlorophenol	3,125	ND
Pentachloronitrobenzene	3,125	ND

TABLE IV
(continued)

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		0 - 6
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
Pronomide	625	ND
Phenanthrene	625	ND
Anthracene	625	ND
Di-n-butylphthalate	625	ND
Fluoranthene	625	ND
Benzidine	6,250	ND
Pyrene	625	ND
p-Dimethylaminoazobenzene	625	ND
Butylbenzylphthalate	625	ND
Benzo (a)anthracene	625	ND
3,3-Dichlorobenzidine	625	ND
Chrysene	625	ND
bis (2-Ethylhexyl)phthalate	625	ND
Di-n-octipthalate	625	ND
Benzo(b)fluoranthene	625	ND
7,12-Dimethylbenz(a)anthracene	625	ND
Benzo(k)fluoranthene	625	ND
Benzo(a)pyrene	625	ND
3-Methylcholanthrene	625	ND
Dibenzo(a,j) acridine	625	ND
Indeno (1,2,3-cd) pyrene	625	ND
Dibenz (a,h) anthracene	625	ND
Benzo (g,h,i) perylene	625	ND

TABLE V

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
N-Nitrosodimethylamine	250	ND
2-Picoline	2,500	ND
Methyl methanesulfonate	250	ND
Ethyl methanesulfonate	250	ND
Phenol	250	ND
Aniline	1,250	ND
bis(2-Chloroethyl)ether	1,250	ND
2-Chlorophenol	1,250	ND
1,3-Dichlorobenzene	250	ND
1,4-Dichlorobenzene	250	ND
Benzyl alcohol	1,250	ND
1,2-Dichlorobenzene	250	ND
2-Methylphenol	250	ND
bis(2-Chloroisopropyl)ether	1,250	ND
4-Methylphenol/3-Methylphenol	250	ND
Acetophenone	1,250	ND
n-Nitrosodi-n-propylamine	250	ND
Hexachloroethane	250	ND
Nitrobenzene	250	ND
N-Nitrosopipendine	1,250	ND
Isophonrone	1,250	ND
2-Nitrophenol	125	ND
2,4-Dimethylphenol	1,250	ND
bis(2-Chloroethoxy)methane	250	ND
Benzoic acid	5,000	ND
2,4-Dichlorophenol	1,250	ND
1,2,4-Trichlorobenzene	250	ND
a,a Dimethylphenethylamine	2,500	ND
Naphthalene	250	ND
4-Chloroaniline	1,250	ND
2,6-Dichlorophenol	1,250	ND
Hexachlorobutadiene	250	ND
N-Nitroso-di-n-butylamine	1,250	ND
4-Chloro-3-methylphenol	1,250	ND

TABLE V
(continued)

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
2-Methylnaphthalene	250	ND
1,2,4,5-Tetrachlorobenzene	250	ND
Hexachlorocyclopentadiene	250	ND
2,4,6-Trichlorophenol	1,250	ND
2,4,5-Trichlorophenol	1,250	ND
2-Chloronaphthalene	250	ND
1,-Chloronaphthalene	250	ND
2-Nitroaniline	1,250	ND
Dimethylphthalate	250	ND
Acenaphthylene	250	ND
2,6-Dinitrotoluene	250	ND
3-Nitroaniline	1,250	ND
Acenaphthene	250	ND
2,4-Dinitrophenol	1,250	ND
Dibenzofuran	1,250	ND
Pentachlorobenzene	250	ND
4-Nitrophenol	1,250	ND
1-Naphthylamine	2,500	ND
2,4-Dinitrotoluene	250	ND
2-Naphthylamine	2,500	ND
2,3,4,6-Tetrachlorophenol	1,250	ND
Fluorene	250	ND
Diethylphthalate	250	ND
4-Chlorophenyl-phenylether	250	ND
4-Nitroaniline	1,250	ND
4,6 Dinitro-2-methylphenol	1,250	ND
n-Nitrosodipentamine & Diphenylam	250	ND
Diphenylhydrazine	1,250	ND
4-Bromophenyl-phenylether	250	ND
Phenacetin	1,250	ND
Hexachlorobenzene	250	ND
4-Aminobiphenyl	1,250	ND
Pentachlorophenol	1,250	ND
Pentachloronitrobenzene	1,250	ND

TABLE V
(continued)

SOIL BORING NO. 3
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 3
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
Pronomide	250	ND
Phenanthrene	250	ND
Anthracene	250	ND
Di-n-butylphthalate	250	ND
Fluoranthene	250	ND
Benzidine	5,000	ND
Pyrene	250	ND
p-Dimethylaminoazobenzene	250	ND
Butylbenzylphthalate	250	ND
Benzo (a)anthracene	250	ND
3,3-Dichlorobenzidine	1,250	ND
Chrysene	250	ND
bis (2-Ethylhexyl)phthalate	250	ND
Di-n-octipthalate	250	ND
Benzo(b)fluoranthene	250	ND
7,12-Dimethylbenz(a)anthracene	250	ND
Benzo(k)fluoranthene	250	ND
Benzo(a)pyrene	250	ND
3-Methylcholanthrene	250	ND
Dibenzo(a,j) acridine	2,500	ND
Indeno (1,2,3-cd) pyrene	250	ND
Dibenz (a,h) anthracene	250	ND
Benzo (g,h,i) perylene	250	ND

TABLE VI

SOIL BORING NO. 4
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 4	NO. 4
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		12 - 24	36 - 42
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
N-Nitrosodimethylamine	125	ND	ND
2-Picoline	1,250	ND	ND
Methyl methanesulfonate	125	ND	ND
Ethyl methanesulfonate	125	ND	ND
Phenol	125	ND	ND
Aniline	625	ND	ND
bis(2-Chloroethyl)ether	625	ND	ND
2-Chlorophenol	625	ND	ND
1,3-Dichlorobenzene	125	ND	ND
1,4-Dichlorobenzene	125	ND	ND
Benzyl alcohol	625	ND	ND
1,2-Dichlorobenzene	125	ND	ND
2-Methylphenol	125	ND	ND
bis(2-Chloroisopropyl)ether	625	ND	ND
4-Methylphenol/3-Methylphenol	125	ND	ND
Acetophenone	625	ND	ND
n-Nitrosodi-n-propylamine	125	ND	ND
Hexachloroethane	125	ND	ND
Nitrobenzene	125	ND	ND
N-Nitrosopipendine	625	ND	ND
Isophonrone	625	ND	ND
2-Nitrophenol	625	ND	ND
2,4-Dimethylphenol	625	ND	ND
bis(2-Chloroethoxy)methane	125	ND	ND
Benzoic acid	2,500	ND	ND
2,4-Dichlorophenol	625	ND	ND
1,2,4-Trichlorobenzene	125	ND	ND
a,a Dimethylphenethylamine	1,250	ND	ND
Naphthalene	125	ND	ND
4-Chloroaniline	625	ND	ND
2,6-Dichlorophenol	625	ND	ND
Hexachlorobutadiene	125	ND	ND
N-Nitroso-di-n-butylamine	625	ND	ND
4-Chloro-3-methylphenol	625	ND	ND

TABLE VI
(continued)

SOIL BORING NO. 4
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 4	NO. 4
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		12 - 24	36 - 42
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
2-Methylnaphthalene	125	ND	ND
1,2,4,5-Tetrachlorobenzene	125	ND	ND
Hexachlorocyclopentadiene	125	ND	ND
2,4,6-Trichlorophenol	625	ND	ND
2,4,5-Trichlorophenol	625	ND	ND
2-Chloronaphthalene	125	ND	ND
1,-Chloronaphthalene	125	ND	ND
2-Nitroaniline	625	ND	ND
Dimethylphthalate	125	ND	ND
Acenaphthylene	125	ND	ND
2,6-Dinitrotoluene	125	ND	ND
3-Nitroaniline	625	ND	ND
Acenaphthene	125	ND	ND
2,4-Dinitrophenol	625	ND	ND
Dibenzofuran	625	ND	ND
Pentachlorobenzene	125	ND	ND
4-Nitrophenol	625	ND	ND
1-Naphthylamine	1,250	ND	ND
2,4-Dinitrotoluene	125	ND	ND
2-Naphthylamine	1,250	ND	ND
2,3,4,6-Tetrachlorophenol	625	ND	ND
Fluorene	125	ND	ND
Diethylphthalate	125	ND	ND
4-Chlorophenyl-phenylether	125	ND	ND
4-Nitroaniline	625	ND	ND
4,6 Dinitro-2-methylphenol	625	ND	ND
n-Nitrosodipentamine & Diphenylam	125	ND	ND
Diphenylhydrazine	625	ND	ND
4-Bromophenyl-phenylether	125	ND	ND
Phenacetin	625	ND	ND
Hexachlorobenzene	125	ND	ND
4-Aminobiphenyl	625	ND	ND
Pentachlorophenol	625	ND	ND
Pentachloronitrobenzene	625	ND	ND

TABLE VI
(continued)

SOIL BORING NO. 4
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 4	NO. 4
SAMPLE DATE:		07/25/97	07/25/97
SAMPLE DEPTH (inches):		12 - 24	36 - 42
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
Pronomide	125	ND	ND
Phenanthrene	125	ND	ND
Anthracene	125	ND	ND
Di-n-butylphthalate	125	ND	ND
Fluoranthene	125	ND	ND
Benzidine	2,500	ND	ND
Pyrene	125	ND	ND
p-Dimethylaminoazobenzene	125	ND	ND
Butylbenzylphthalate	125	ND	ND
Benzo (a)anthracene	125	ND	ND
3,3-Dichlorobenzidine	625	ND	ND
Chrysene	125	ND	ND
bis (2-Ethylhexyl)phthalate	125	ND	ND
Di-n-octipthalate	125	ND	ND
Benzo(b)fluoranthene	125	ND	ND
7,12-Dimethylbenz(a)anthracene	125	ND	ND
Benzo(k)fluoranthene	125	ND	ND
Benzo(a)pyrene	125	ND	ND
3-Methylcholanthrene	125	ND	ND
Dibenzo(a,j) acridine	1,250	ND	ND
Indeno (1,2,3-cd) pyrene	125	ND	ND
Dibenz (a,h) anthracene	125	ND	ND
Benzo (g,h,i) perylene	125	ND	ND

TABLE VII

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
N-Nitrosodimethylamine	62.5	ND
2-Picoline	62.5	ND
Methyl methanesulfonate	62.5	ND
Ethyl methanesulfonate	62.5	ND
Phenol	62.5	ND
Aniline	312.5	ND
bis(2-Chloroethyl)ether	312.5	ND
2-Chlorophenol	312.5	ND
1,3-Dichlorobenzene	62.5	ND
1,4-Dichlorobenzene	62.5	ND
Benzyl alcohol	312.5	ND
1,2-Dichlorobenzene	62.5	ND
2-Methylphenol	62.5	ND
bis(2-Chloroisopropyl)ether	312.5	ND
4-Methylphenol/3-Methylphenol	62.5	ND
Acetophenone	312.5	ND
n-Nitrosodi-n-propylamine	62.5	ND
Hexachloroethane	62.5	ND
Nitrobenzene	62.5	ND
N-Nitrosopipendine	312.5	ND
Isophonrone	312.5	ND
2-Nitrophenol	312.5	ND
2,4-Dimethylphenol	312.5	ND
bis(2-Chloroethoxy)methane	62.5	ND
Benzoic acid	625	ND
2,4-Dichlorophenol	312.5	ND
1,2,4-Trichlorobenzene	62.5	ND
a,a Dimethylphenethylamine	625	ND
Naphthalene	62.5	ND
4-Chloroaniline	312.5	ND
2,6-Dichlorophenol	312.5	ND
Hexachlorobutadiene	62.5	ND
N-Nitroso-di-n-butylamine	312.5	ND
4-Chloro-3-methylphenol	312.5	ND

TABLE VII
(continued)

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
2-Methylnaphthalene	62.5	ND
1,2,4,5-Tetrachlorobenzene	62.5	ND
Hexachlorocyclopentadiene	62.5	ND
2,4,6-Trichlorophenol	312.5	ND
2,4,5-Trichlorophenol	312.5	ND
2-Chloronaphthalene	62.5	ND
1,-Chloronaphthalene	62.5	ND
2-Nitroaniline	312.5	ND
Dimethylphthalate	62.5	ND
Acenaphthylene	62.5	ND
2,6-Dinitrotoluene	62.5	ND
3-Nitroaniline	312.5	ND
Acenaphthene	62.5	ND
2,4-Dinitrophenol	312.5	ND
Dibenzofuran	312.5	ND
Pentachlorobenzene	62.5	ND
4-Nitrophenol	312.5	ND
1-Naphthylamine	312.5	ND
2,4-Dinitrotoluene	62.5	ND
2-Naphthylamine	312.5	ND
2,3,4,6-Tetrachlorophenol	312.5	ND
Fluorene	62.5	ND
Diethylphthalate	62.5	ND
4-Chlorophenyl-phenylether	62.5	ND
4-Nitroaniline	312.5	ND
4,6 Dinitro-2-methylphenol	62.5	ND
n-Nitrosodipentamine & Diphenylam	62.5	ND
Diphenylhydrazine	312.5	ND
4-Bromophenyl-phenylether	62.5	ND
Phenacetin	312.5	ND
Hexachlorobenzene	62.5	ND
4-Aminobiphenyl	312.5	ND
Pentachlorophenol	312.5	ND
Pentachloronitrobenzene	312.5	ND

TABLE VII
(continued)

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		12 - 24
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
Pronomide	62.5	ND
Phenanthrene	62.5	ND
Anthracene	62.5	ND
Di-n-butylphthalate	62.5	ND
Fluoranthene	62.5	ND
Benzidine	625	ND
Pyrene	62.5	ND
p-Dimethylaminoazobenzene	62.5	ND
Butylbenzylphthalate	62.5	ND
Benzo (a)anthracene	62.5	ND
3,3-Dichlorobenzidine	62.5	ND
Chrysene	62.5	ND
bis (2-Ethylhexyl)phthalate	62.5	ND
Di-n-octipthalate	62.5	ND
Benzo(b)fluoranthene	62.5	ND
7,12-Dimethylbenz(a)anthracene	62.5	ND
Benzo(k)fluoranthene	62.5	ND
Benzo(a)pyrene	62.5	ND
3-Methylcholanthrene	62.5	ND
Dibenzo(a,j) acridine	62.5	ND
Indeno (1,2,3-cd) pyrene	62.5	ND
Dibenz (a,h) anthracene	62.5	ND
Benzo (g,h,i) perylene	62.5	ND

TABLE VIII

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
N-Nitrosodimethylamine	2.5	ND
2-Picoline	25	ND
Methyl methanesulfonate	2.5	ND
Ethyl methanesulfonate	2.5	ND
Phenol	2.5	ND
Aniline	12.5	ND
bis(2-Chloroethyl)ether	12.5	ND
2-Chlorophenol	12.5	ND
1,3-Dichlorobenzene	2.5	ND
1,4-Dichlorobenzene	2.5	ND
Benzyl alcohol	12.5	ND
1,2-Dichlorobenzene	2.5	ND
2-Methylphenol	2.5	ND
bis(2-Chloroisopropyl)ether	12.5	ND
4-Methylphenol/3-Methylphenol	2.5	ND
Acetophenone	12.5	ND
n-Nitrosodi-n-propylamine	2.5	ND
Hexachloroethane	2.5	ND
Nitrobenzene	2.5	ND
N-Nitrosopipendine	12.5	ND
Isophonrone	12.5	ND
2-Nitrophenol	12.5	ND
2,4-Dimethylphenol	12.5	ND
bis(2-Chloroethoxy)methane	2.5	ND
Benzoic acid	50	ND
2,4-Dichlorophenol	12.5	ND
1,2,4-Trichlorobenzene	2.5	ND
a,a Dimethylphenethylamine	25	ND
Naphthalene	2.5	ND
4-Chloroaniline	12.5	ND
2,6-Dichlorophenol	12.5	ND
Hexachlorobutadiene	2.5	ND
N-Nitroso-di-n-butylamine	12.5	ND
4-Chloro-3-methylphenol	12.5	ND

TABLE VIII
(continued)

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
2-Methylnaphthalene	2.5	ND
1,2,4,5-Tetrachlorobenzene	2.5	ND
Hexachlorocyclopentadiene	2.5	ND
2,4,6-Trichlorophenol	12.5	ND
2,4,5-Trichlorophenol	12.5	ND
2-Chloronaphthalene	2.5	ND
1,-Chloronaphthalene	2.5	ND
2-Nitroaniline	12.5	ND
Dimethylphthalate	2.5	ND
Acenaphthylene	2.5	ND
2,6-Dinitrotoluene	2.5	ND
3-Nitroaniline	12.5	ND
Acenaphthene	2.5	ND
2,4-Dinitrophenol	12.5	ND
Dibenzofuran	12.5	ND
Pentachlorobenzene	2.5	ND
4-Nitrophenol	12.5	ND
1-Naphthylamine	25	ND
2,4-Dinitrotoluene	2.5	ND
2-Naphthylamine	25	ND
2,3,4,6-Tetrachlorophenol	12.5	ND
Fluorene	2.5	ND
Diethylphthalate	2.5	ND
4-Chlorophenyl-phenylether	2.5	ND
4-Nitroaniline	12.5	ND
4,6 Dinitro-2-methylphenol	12.5	ND
n-Nitrosodipentamine & Diphenylam	2.5	ND
Diphenylhydrazine	12.5	ND
4-Bromophenyl-phenylether	2.5	ND
Phenacetin	12.5	ND
Hexachlorobenzene	2.5	ND
4-Aminobiphenyl	12.5	ND
Pentachlorophenol	12.5	ND
Pentachloronitrobenzene	12.5	ND

TABLE VIII
(continued)

SOIL BORING NO. 12
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 12
SAMPLE DATE:		07/25/97
SAMPLE DEPTH (inches):		48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)
Pronomide	2.5	ND
Phenanthrene	2.5	ND
Anthracene	2.5	ND
Di-n-butylphthalate	2.5	ND
Fluoranthene	2.5	ND
Benzidine	50	ND
Pyrene	2.5	ND
p-Dimethylaminoazobenzene	2.5	ND
Butylbenzylphthalate	2.5	ND
Benzo (a)anthracene	2.5	ND
3,3-Dichlorobenzidine	12.5	ND
Chrysene	2.5	ND
bis (2-Ethylhexyl)phthalate	2.5	ND
Di-n-octipthalate	2.5	ND
Benzo(b)fluoranthene	2.5	ND
7,12-Dimethylbenz(a)anthracene	2.5	ND
Benzo(k)fluoranthene	2.5	ND
Benzo(a)pyrene	2.5	ND
3-Methylcholanthrene	2.5	ND
Dibenzo(a,j) acridine	2.5	ND
Indeno (1,2,3-cd) pyrene	2.5	ND
Dibenz (a,h) anthracene	2.5	ND
Benzo (g,h,i) perylene	2.5	ND

TABLE IX

SOIL BORING NO. 13
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 13	NO. 13
SAMPLE DATE:		07/28/97	07/28/97
SAMPLE DEPTH (inches):		12 - 24	48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
N-Nitrosodimethylamine	50	ND	ND
2-Picoline	500	ND	ND
Methyl methanesulfonate	50	ND	ND
Ethyl methanesulfonate	50	ND	ND
Phenol	50	ND	ND
Aniline	250	ND	ND
bis(2-Chloroethyl)ether	250	ND	ND
2-Chlorophenol	250	ND	ND
1,3-Dichlorobenzene	50	ND	ND
1,4-Dichlorobenzene	50	ND	ND
Benzyl alcohol	250	ND	ND
1,2-Dichlorobenzene	50	ND	ND
2-Methylphenol	50	ND	ND
bis(2-Chloroisopropyl)ether	250	ND	ND
4-Methylphenol/3-Methylphenol	50	ND	ND
Acetophenone	250	ND	ND
n-Nitrosodi-n-propylamine	50	ND	ND
Hexachloroethane	50	ND	ND
Nitrobenzene	50	ND	ND
N-Nitrosopipendine	250	ND	ND
Isophonrone	250	ND	ND
2-Nitrophenol	250	ND	ND
2,4-Dimethylphenol	250	ND	ND
bis(2-Chloroethoxy)methane	50	ND	ND
Benzoic acid	1,000	ND	ND
2,4-Dichlorophenol	250	ND	ND
1,2,4-Trichlorobenzene	50	ND	ND
a,a Dimethylphenethylamine	500	ND	ND
Naphthalene	50	ND	ND
4-Chloroaniline	250	ND	ND
2,6-Dichlorophenol	250	ND	ND
Hexachlorobutadiene	50	ND	ND
N-Nitroso-di-n-butylamine	250	ND	ND
4-Chloro-3-methylphenol	250	ND	ND

TABLE IX
(continued)

SOIL BORING NO. 13
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 13	NO. 13
SAMPLE DATE:		07/28/97	07/28/97
SAMPLE DEPTH (inches):		12 - 24	48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
2-Methylnaphthalene	50	ND	ND
1,2,4,5-Tetrachlorobenzene	50	ND	ND
Hexachlorocyclopentadiene	50	ND	ND
2,4,6-Trichlorophenol	250	ND	ND
2,4,5-Trichlorophenol	250	ND	ND
2-Chloronaphthalene	50	ND	ND
1,-Chloronaphthalene	50	ND	ND
2-Nitroaniline	250	ND	ND
Dimethylphthalate	50	ND	ND
Acenaphthylene	50	ND	ND
2,6-Dinitrotoluene	50	ND	ND
3-Nitroaniline	250	ND	ND
Acenaphthene	50	ND	ND
2,4-Dinitrophenol	250	ND	ND
Dibenzofuran	250	ND	ND
Pentachlorobenzene	50	ND	ND
4-Nitrophenol	250	ND	ND
1-Naphthylamine	500	ND	ND
2,4-Dinitrotoluene	50	ND	ND
2-Naphthylamine	500	ND	ND
2,3,4,6-Tetrachlorophenol	250	ND	ND
Fluorene	50	ND	ND
Diethylphthalate	50	ND	ND
4-Chlorophenyl-phenylether	50	ND	ND
4-Nitroaniline	250	ND	ND
4,6 Dinitro-2-methylphenol	250	ND	ND
n-Nitrosodipentamine & Diphenylam	50	ND	ND
Diphenylhydrazine	250	ND	ND
4-Bromophenyl-phenylether	50	ND	ND
Phenacetin	250	ND	ND
Hexachlorobenzene	50	ND	ND
4-Aminobiphenyl	250	ND	ND
Pentachlorophenol	250	ND	ND
Pentachloronitrobenzene	250	ND	ND

TABLE IX
(continued)

SOIL BORING NO. 13
SUMMARY OF SEMI-VOLATILES LABORATORY RESULTS - SOIL
TEXAS - NEW MEXICO PIPE LINE COMPANY
STEVEN'S PROPERTY
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION:		NO. 13	NO. 13
SAMPLE DATE:		07/28/97	07/28/97
SAMPLE DEPTH (inches):		12 - 24	48 - 60
COMPOUND	REPORTING LIMIT (mg/kg)	CONCENTRATION (mg/kg)	
Pronomide	50	ND	ND
Phenanthrene	50	ND	ND
Anthracene	50	ND	ND
Di-n-butylphthalate	50	ND	ND
Fluoranthene	50	ND	ND
Benzidine	1,000	ND	ND
Pyrene	50	ND	ND
p-Dimethylaminoazobenzene	50	ND	ND
Butylbenzylphthalate	50	ND	ND
Benzo (a)anthracene	50	ND	ND
3,3-Dichlorobenzidine	500	ND	ND
Chrysene	50	ND	ND
bis (2-Ethylhexyl)phthalate	50	ND	ND
Di-n-octipthalate	50	ND	ND
Benzo(b)fluoranthene	50	ND	ND
7,12-Dimethylbenz(a)anthracene	50	ND	ND
Benzo(k)fluoranthene	50	ND	ND
Benzo(a)pyrene	50	ND	ND
3-Methylcholanthrene	50	ND	ND
Dibenzo(a,j) acridine	500	ND	ND
Indeno (1,2,3-cd) pyrene	50	ND	ND
Dibenz (a,h) anthracene	50	ND	ND
Benzo (g,h,i) perylene	50	ND	ND

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ATTN: THERESA NIX
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SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

RECEIVING DATE: 07/25/97
SAMPLE TYPE: SOIL
PROJECT #: 710031
PROJECT NAME: NONE GIVEN
PROJECT LOCATION: STEVENS PROPERTY

ANALYSIS DATE: DRO 07/25/97
ANALYSIS DATE: Chloride 07/28/97
SAMPLING DATE: 07/25/97
SAMPLE CONDITION: Intact/Iced

ELT#	FIELD CODE	TPH	Chloride (mg/kg)
		DRO(C10-C28) (mg/kg)	
11897	#5: 6"-12"	5,484	
11898	#5: 12"-24"	302	
11899	#6: 6"-12"	4,595	
11900	#6: 12"-24"	1,417	
11901	#3: 0-6"	37,168	2,127
11902	#3: 12-24"	17,663	2,552
11903	#3: 48-60"	15,591	
11904	#12: 12"-24"	9,500	798
11905	#12: 48"-60"	15	893
% INSTRUMENT ACCURACY		105	100
% EXTRACTION ACCURACY		118	**

Methods: EPA SW 846-8015M Diesel Range Organics (DRO). 9252


Michael R. Fowler

8-5-97
Date

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FAX: 210-680-3763
FAX: 505-395-2636

RECEIVING DATE: 07/25/97
SAMPLE TYPE: SOIL
PROJECT #: 710031
PROJECT NAME: NONE GIVEN
PROJECT LOCATION: STEVENS PROPERTY

ANALYSIS DATE: DRO 07/25/97
ANALYSIS DATE: Chloride 07/28/97
SAMPLING DATE: NONE GIVEN
SAMPLE CONDITION: Intact/Iced

ELT#	FIELD CODE	TPH	Chloride
		DRO(C10-C28) (mg/kg)	(mg/kg)
11906	#4: 12"-24"	35,837	723
11907	#4: 36"-42"	942	1,106
11908	#8: 12"-24"	6,496	
11909	#8: 32"-36"	15	
11910	#7: 24"-36"	10,576	
11911	#7: 60"-66"	<10	
11912	#2: 0-6"	1,699	
11913	#2: 12"-15"	<10	
11914	#1: 6"-12"	7,040	255
11915	#1: 12"-22"	4,234	404
	% INSTRUMENT ACCURACY	105	100
	% EXTRACTION ACCURACY	118	**

Methods: EPA SW 846-8015M Diesel Range Organics (DRO). 9252


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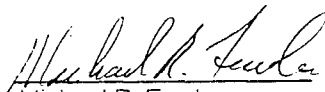
RECEIVING DATE: 07/25/97
SAMPLE TYPE: SOIL
PROJECT #: 710031
PROJECT NAME: NONE GIVEN
PROJECT LOCATION: STEVENS PROPERTY

ANALYSIS DATE: 07/25/97
SAMPLING DATE: 07/25/97
SAMPLE CONDITION: INTACT/ICED

ELT#	FIELD CODE	TPH
		DRO(C10-C28) (mg/kg)
11916	#11: 0-6"	2.168
11917	#11: 16"-21"	<10
11918	#9: 6"-12"	5.342
11919	#9: 21"-24"	19
11920	#10: 0-6"	5.054
11921	#10: 15"-19"	103

% INSTRUMENT ACCURACY	105
% EXTRACTION ACCURACY	118

Methods: EPA SW 846-8015M Diesel Range Organics (DRO)


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FAX: 210-680-3763

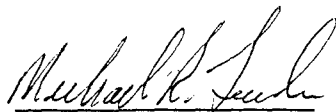
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SAMPLE TYPE: SOIL
PROJECT #: 710031
PROJECT NAME: NONE GIVEN
PROJECT LOCATION: STEVENS PROPERTY

ANALYSIS DATE: 07/29/97
SAMPLING DATE: 07/28/97
SAMPLE CONDITION: Intact/Iced

ELT#	FIELD CODE	TPH DRO(C10-C28) (mg/kg)	Chloride (mg/kg)
11926	#13 12"-24"	10.312	1.702
11927	#13 48"-60"	5.059	1.489

% INSTRUMENT ACCURACY	112	98
% EXTRACTION ACCURACY	98	**

Methods: EPA SW 846-8015M Diesel Range Organics (DRO), 9252


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FAX: 505-395-2636

Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #1; 6"-12"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11914	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	1.783	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	0.403	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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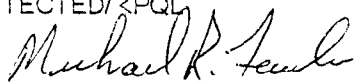
Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #1; 6"-12"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11914	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	5.117	0.100	91	ND	
m&p Xylene	12.543	0.100	93	ND	
o-Xylene	8.200	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS	% RECOVERY
Dibromofluoromethane	104
Toluene-d8	110
4-Bromofluorobenzene	117

ND= NOT DETECTED/ <PQL



Michael R. Fowler

8-8-97

Date

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #1: 12"-22"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240: (ppm) Compounds	ELT#	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	0.114	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	ND	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	0.156	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #1; 12"-22"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/lced

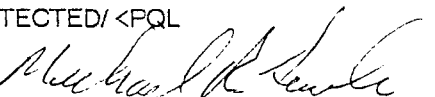
Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11915	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	
Chlorobenzene	ND	0.100	98	ND	119
Ethylbenzene	2.506	0.100	91	ND	
m&p Xylene	6.549	0.100	93	ND	
o-Xylene	4.606	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane	102
Toluene-d8	113
4-Bromofluorobenzene	111

ND= NOT DETECTED/ <PQL


Michael R. Fowler

8-8-97
Date

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SAN ANTONIO, TEXAS 78238
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FAX: 505-395-2636

Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #3: 0-6"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: intact/fced.

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11901	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	0.103	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	ND	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	2.723	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	37.256	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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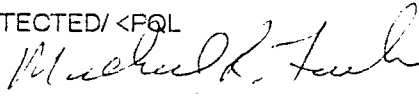
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Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #3: 0-6"

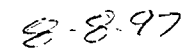
Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/lced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11901	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	26.086	0.100	91	ND	
m&p Xylene	48.155	0.100	93	ND	
o-Xylene	19.265	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS	% RECOVERY
Dibromofluoromethane	107
Toluene-d8	114
4-Bromofluorobenzene	99

ND= NOT DETECTED/ <PQL


Michael R. Fowler


Date

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FAX: 505-395-2636

Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #3; 12-24"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced.

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11902	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	31
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	2.353	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	0.119	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	1.646	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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FAX: 505-395-2636

Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #3; 12-24"

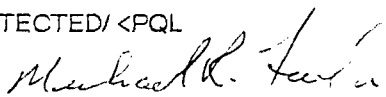
Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11902	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	
Chlorobenzene	ND	0.100	98	ND	119
Ethylbenzene	1.442	0.100	91	ND	
m&p Xylene	3.135	0.100	93	ND	
o-Xylene	2.003	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS % RECOVERY

Dibromofluoromethane	105
Toluene-d8	116
4-Bromofluorobenzene	110

ND= NOT DETECTED/ <PQL


Michael R. Fowler

8-8-97
Date

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #4; 12"-24"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/lced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11906	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	0.151	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	ND	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	0.692	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	4.653	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #4; 12"-24"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

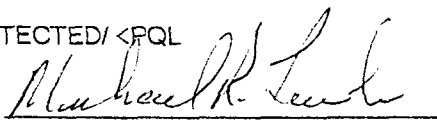
Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11906	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	6.158	0.100	91	ND	
m&p Xylene	12.277	0.100	93	ND	
o-Xylene	6.875	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane	107
Toluene-d8	112
4-Bromofluorobenzene	110

ND= NOT DETECTED/ <PQL


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8-8-97
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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #4; 36"-42"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/lced

Volatiles EPA SW 846-8240, (ppm) Compounds	ELT# 11907	FQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	1.743	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	0.158	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #4: 36"-42"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11907	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	
Chlorobenzene	ND	0.100	98	ND	119
Ethylbenzene	0.185	0.100	91	ND	
m&p Xylene	0.511	0.100	93	ND	
o-Xylene	0.245	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

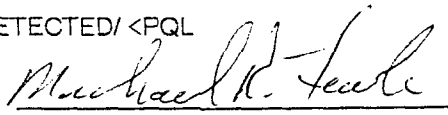
SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene

104
113
104

ND= NOT DETECTED/ <PQL


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8-8-97
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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #12: 12"-24"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11904	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	2.353	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	0.173	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #12: 12-24"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

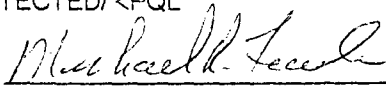
Volatiles EPA SW 846-8240, (ppm) Compounds	ELT# 11904	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	
Chlorobenzene	ND	0.100	98	ND	119
Ethylbenzene	0.242	0.100	91	ND	
m&p Xylene	0.372	0.100	93	ND	
o-Xylene	0.233	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane	108
Toluene-d8	118
4-Bromofluorobenzene	108

ND= NOT DETECTED/ <PQL


Michael R. Fowler

8-8-97
Date

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Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #12: 48"-60"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11905	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	ND	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	1.914	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	ND	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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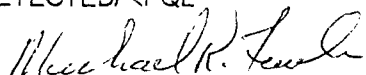
Receiving Date: 07/25/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #12: 48"-60"

Analysis Date: 08/07/97
Sampling Date: 07/25/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11905	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	ND	0.100	91	ND	
m&p Xylene	ND	0.100	93	ND	
o-Xylene	ND	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS	% RECOVERY
Dibromofluoromethane	108
Toluene-d8	113
4-Bromofluorobenzene	103

ND= NOT DETECTED/ <PQL


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8-8-97
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Receiving Date: 07/29/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #13; 12"-24"

Analysis Date: 08/07/97
Sampling Date: 07/28/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11926	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	0.186	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	ND	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	ND	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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Receiving Date: 07/29/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #13; 12"-24"

Analysis Date: 08/07/97
Sampling Date: 07/28/97
Sample Type: SOIL
Sample Condition: Intact/Iced

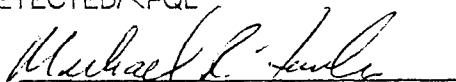
Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11926	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	ND	0.100	91	ND	
m&p Xylene	0.156	0.100	93	ND	
o-Xylene	ND	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane	105
Toluene-d8	119
4-Bromofluorobenzene	106

ND= NOT DETECTED/ <PQL


Michael R. Fowler

8-8-97
Date

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Receiving Date: 07/29/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #13: 48"-60"

Analysis Date: 08/07/97
Sampling Date: 07/28/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11927	PQL	% IA	Method Blank	% EA
Chloromethane	ND	0.100	113	ND	
Vinyl chloride	ND	0.100	109	ND	
Bromomethane	ND	0.100	96	ND	
Chloroethane	ND	0.100	106	ND	
Trichlorofluoromethane	ND	0.100	97	ND	
Acetone	ND	1.000	98	ND	
1,1-Dichloroethene	ND	0.100	107	ND	81
Iodomethane	ND	0.100	94	ND	
Vinyl Acetate	ND	1.000	100	ND	
Carbon Disulfide	ND	0.100	88	ND	
Methylene Chloride	0.161	0.100	99	ND	
trans-1,2-Dichloroethene	ND	0.100	103	ND	
1,1-Dichloroethane	ND	0.100	100	ND	
2-Butanone	1.588	1.000	104	ND	
Chloroform	ND	0.100	100	ND	
1,1,1-Trichloroethane	ND	0.100	104	ND	
Carbon Tetrachloride	ND	0.100	93	ND	
Benzene	ND	0.100	101	ND	115
1,2 Dichloroethane	ND	0.100	110	ND	
Trichloroethene	ND	0.100	95	ND	117
1,2-Dichloropropane	ND	0.100	101	ND	
Dibromomethane	ND	0.100	99	ND	
Bromodichloromethane	ND	0.100	97	ND	
2-Chloroethyl Vinyl ether	ND	1.000	100	ND	
4-Methyl 2-Pentanone	ND	1.000	89	ND	
cis 1,3 Dichloropropene	ND	0.100	108	ND	
Toluene	ND	0.100	97	ND	128
trans 1,3-Dichloropropene	ND	0.100	114	ND	
1,1,2-Trichloroethane	ND	0.100	98	ND	
Dibromochloromethane	ND	0.100	98	ND	

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FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/29/97
Reporting Date: 08/08/97
Project #: 710031
Project Location: STEVENS PROPERTY
Field Code: #13; 48"-60"

Analysis Date: 08/07/97
Sampling Date: 07/28/97
Sample Type: SOIL
Sample Condition: Intact/Iced

Volatiles EPA SW 846-8240. (ppm) Compounds	ELT# 11927	PQL	% IA	Method Blank	% EA
Tetrachloroethene	ND	0.100	89	ND	119
Chlorobenzene	ND	0.100	98	ND	
Ethylbenzene	ND	0.100	91	ND	
m&p Xylene	0.122	0.100	93	ND	
o-Xylene	ND	0.100	116	ND	
Styrene	ND	0.100	93	ND	
Bromoform	ND	0.100	93	ND	
1,1,2,2-Tetrachloroethane	ND	0.100	104	ND	
1,2,3-Trichloropropane	ND	0.100	94	ND	

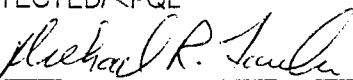
SYSTEM MONITORING COMPOUNDS

% RECOVERY

Dibromofluoromethane
Toluene-d8
4-Bromofluorobenzene

98
108
99

ND= NOT DETECTED/ <PQL



Michael R. Fowler

8-8-97

Date

ENVIRONMENTAL LAB OF , Inc.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11914

#1: 6"-12"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	25	ND				
2-Picoline	250	ND				
Methyl methanesulfonate	25	ND				
Ethyl methanesulfonate	25	ND				
Phenol	25	ND	84	10	58	105
Aniline	125	ND				
bis(2-Chloroethyl)ether	125	ND				
2-Chlorophenol	125	ND		6	57	
1,3-Dichlorobenzene	25	ND				
1,4-Dichlorobenzene	25	ND	84	4	51	105
Benzyl alcohol	125	ND				
1,2-Dichlorobenzene	25	ND				
2-Methylphenol	25	ND				
bis(2-Chloroisopropyl)ether	125	ND				
4-Methylphenol/3-Methylphenol	25	ND				
Acetophenone	125	ND				
n-Nitrosodi-n-propylamine	25	ND		8	59	
Hexachloroethane	25	ND				
Nitrobenzene	25	ND				
N-Nitrosopiperidine	125	ND				
Isophorone	125	ND				
2-Nitrophenol	125	ND	76			95
2,4-Dimethylphenol	125	ND				
bis(2-Chloroethoxy)methane	25	ND				
Benzoic acid	500	ND				
2,4-Dichlorophenol	125	ND	75			94
1,2,4-Trichlorobenzene	25	ND		5	55	
a,a Dimethylphenethylamine	250	ND				
Naphthalene	25	ND				
4-Chloroaniline	125	ND				
2,6-Dichlorophenol	125	ND				
Hexachlorobutadiene	25	ND	81			101
N-Nitroso-di-n-butylamine	125	ND				
4-Chloro-3-methylphenol	125	ND	77	9	70	96

ELT# 11914

#1: 6"-12"

8270 COMPOUNDS	Reporting Limit	Concentration mg/kg	QC	FPD	%EA	%IA
2-Methylnaphthalene	25	ND				
1,2,4,5-Tetrachlorobenzene	25	ND				
Hexachlorocyclopentadiene	25	ND				
2,4,6-Trichlorophenol	125	ND	84			105
2,4,5-Trichlorophenol	125	ND				
2-Chloronaphthalene	25	ND				
1-Chloronaphthalene	25	ND				
2-Nitroaniline	125	ND				
Dimethylphthalate	25	ND				
Acenaphthylene	25	ND				
2,6-Dinitrotoluene	25	ND				
3-Nitroaniline	125	ND				
Acenaphthene	25	ND	86	3	66	108
2,4-Dinitrophenol	125	ND				
Dibenzofuran	125	ND				
Pentachlorobenzene	25	ND				
4-Nitrophenol	125	ND		22	20	
1-Naphthylamine	250	ND				
2,4-Dinitrotoluene	25	ND		4	71	
2-Naphthylamine	250	ND				
2,3,4,6-Tetrachlorophenol	125	ND				
Fluorene	25	ND				
Diethylphthalate	25	ND				
4-Chlorophenyl-phenylether	25	ND				
4-Nitroaniline	125	ND				
4,6-Dinitro-2-methylphenol	125	ND				
n-Nitrosodiphenylamine & Diphenylam	25	ND	84			105
Diphenylhydrazine	125	ND				
4-Bromophenyl-phenylether	25	ND				
Phenacetin	125	ND				
Hexachlorobenzene	25	ND				
4-Aminobiphenyl	125	ND				
Pentachlorophenol	125	ND	92	28	48	115
Pentachloronitrobenzene	125	ND				
Pronamide	25	ND				
Phenanthrene	25	ND				
Anthracene	25	ND				
Di-n-butylphthalate	25	ND				
Fluoranthene	25	ND	87			109
Benzidine	500	ND				
Pyrene	25	ND		5	77	
p-Dimethylaminoazobenzene	25	ND				
Butylbenzylphthalate	25	ND				
Benzo [a]anthracene	25	ND				
3,3-Dichlorobenzidine	125	ND				
Chrysene	25	ND				
bis (2-Ethylhexyl)phthalate	25	ND				

ELT# 11914

#1: 6"-12"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n-octipthalate	25	ND	87			109
Benzo[b]fluoranthene	25	ND				
7,12-Dimethylbenz(a)anthracene	25	ND				
Benzo[k]fluoranthene	25	ND				
Benzo [a] pyrene	25	ND	84			105
3-Methylcholanthrene	25	ND				
Dibenzo (a,j) acridine	250	ND				
Indeno [1,2,3-cd] pyrene	25	ND				
Dibenz [a,h] anthracene	25	ND				
Benzo [g,h,i] perylene	25	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270, 3550

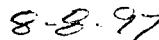
SURROGATES

% RECOVERY

2-Fluorophenol SURR	88
Phenol-d6 SURR	90
Nitrobenzene-d5 SURR	83
2-Fluorobiphenyl SURR	88
2,4,6-Tribromophenol SURR	59
Terphenyl-d14 SURR	88



Michael R. Fowler



Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11915

#1: 12"-22"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	25	ND				
2-Picoline	250	ND				
Methyl methanesulfonate	25	ND				
Ethyl methanesulfonate	25	ND				
Phenol	25	ND	84	10	58	105
Aniline	125	ND				
bis(2-Chloroethyl)ether	125	ND				
2-Chlorophenol	125	ND		6	57	
1,3-Dichlorobenzene	25	ND				
1,4-Dichlorobenzene	25	ND	84	4	51	105
Benzyl alcohol	125	ND				
1,2-Dichlorobenzene	25	ND				
2-Methylphenol	25	ND				
bis(2-Chloroisopropyl)ether	125	ND				
4-Methylphenol/3-Methylphenol	25	ND				
Acetophenone	125	ND				
n-Nitrosodi-n-propylamine	25	ND		8	59	
Hexachloroethane	25	ND				
Nitrobenzene	25	ND				
N-Nitrosopiperidine	125	ND				
Isophorone	125	ND				
2-Nitrophenol	125	ND	76			95
2,4-Dimethylphenol	125	ND				
bis(2-Chloroethoxy)methane	25	ND				
Benzoic acid	500	ND				
2,4-Dichlorophenol	125	ND	75			94
1,2,4-Trichlorobenzene	25	ND		5	55	
a,a Dimethylphenethylamine	250	ND				
Naphthalene	25	ND				
4-Chloroaniline	125	ND				
2,6-Dichlorophenol	125	ND				
Hexachlorobutadiene	25	ND	81			101
N-Nitroso-di-n-butylamine	125	ND				
4-Chloro-3-methylphenol	125	ND	77	9	70	96

ELT# 11915

#1: 12"-22"

8270 COMPOUNDS	Reporting Limit	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	25	ND				
1,2,4,5-Tetrachlorobenzene	25	ND				
Hexachlorocyclopentadiene	25	ND				
2,4,6-Trichlorophenol	125	ND	84			105
2,4,5-Trichlorophenol	125	ND				
2-Chloronaphthalene	25	ND				
1-Chloronaphthalene	25	ND				
2-Nitroaniline	125	ND				
Dimethylphthalate	25	ND				
Acenaphthylene	25	ND				
2,6-Dinitrotoluene	25	ND				
3-Nitroaniline	125	ND				
Acenaphthene	25	ND	86	8	66	108
2,4-Dinitrophenol	125	ND				
Dibenzofuran	125	ND				
Pentachlorobenzene	25	ND				
4-Nitrophenol	125	ND		22	20	
1-Naphthylamine	250	ND				
2,4-Dinitrotoluene	25	ND		4	71	
2-Naphthylamine	250	ND				
2,3,4,6-Tetrachlorophenol	125	ND				
Fluorene	25	ND				
Diethylphthalate	25	ND				
4-Chlorophenyl-phenylether	25	ND				
4-Nitroaniline	125	ND				
4,6-Dinitro-2-methylphenol	125	ND				
n-Nitrosodiphenylamine & Diphenylam	25	ND	84			105
Diphenylhydrazine	125	ND				
4-Bromophenyl-phenylether	25	ND				
Phenacetin	125	ND				
Hexachlorobenzene	25	ND				
4-Aminobiphenyl	125	ND				
Pentachlorophenol	125	ND	92	28	48	115
Pentachloronitrobenzene	125	ND				
Pronamide	25	ND				
Phenanthrene	25	ND				
Anthracene	25	ND				
Di-n-butylphthalate	25	ND				
Fluoranthene	25	ND	87			109
Benzidine	500	ND				
Pyrene	25	ND		5	77	
p-Dimethylaminoazobenzene	25	ND				
Butylbenzylphthalate	25	ND				
Benzo [a]anthracene	25	ND				
3,3-Dichlorobenzidine	125	ND				
Chrysene	25	ND				
bis (2-Ethylhexyl)phthalate	25	ND				

ELT# 11915

#1: 12"-22"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n- octlphthalate	25	ND	87			109
Benzo[b]fluoranthene	25	ND				
7,12-Dimethylbenz(a)anthracene	25	ND				
Benzo[k]fluoranthene	25	ND				
Benzo [a] pyrene	25	ND	34			105
3-Methylcholanthrene	25	ND				
Dibenzo (a,j) acridine	250	ND				
Indeno [1,2,3-cd] pyrene	25	ND				
Dibenz [a,h] anthracene	25	ND				
Benzo [g,h,i] perylene	25	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270, 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	117
Phenol-d6 SURR	124
Nitrobenzene-d5 SURR	124
2-Fluorobiphenyl SURR	127
2,4,6-Tribromophenol SURR	102
Terphenyl-d14 SURR	117


Michael R. Fowler

8-8-97
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11901

#3: 0-6"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	GC	RPD	% EA	% IA
N-Nitrosodimethylamine	625	ND				
2-Picoline	625	ND				
Methyl methanesulfonate	625	ND				
Ethyl methanesulfonate	625	ND				
Phenol	625	ND	84	10	58	105
Aniline	3125	ND				
bis(2-Chloroethyl)ether	3125	ND				
2-Chlorophenol	3125	ND		6	57	
1,3-Dichlorobenzene	625	ND				
1,4-Dichlorobenzene	625	ND	84	4	51	105
Benzyl alcohol	3125	ND				
1,2-Dichlorobenzene	625	ND				
2-Methylphenol	625	ND				
bis(2-Chloroisopropyl)ether	3125	ND				
4-Methylphenol/3-Methylphenol	625	ND				
Acetophenone	3125	ND				
n-Nitrosodi-n-propylamine	625	ND		8	59	
Hexachloroethane	625	ND				
Nitrobenzene	625	ND				
N-Nitrosopiperidine	3125	ND				
Isophorone	3125	ND				
2-Nitrophenol	3125	ND	76			95
2,4-Dimethylphenol	3125	ND				
bis(2-Chloroethoxy)methane	625	ND				
Benzoic acid	6250	ND				
2,4-Dichlorophenol	3125	ND	75			94
1,2,4-Trichlorobenzene	625	ND		5	55	
a,a Dimethylphenethylamine	6250	ND				
Naphthalene	625	ND				
4-Chloroaniline	3125	ND				
2,6-Dichlorophenol	3125	ND				
Hexachlorobutadiene	625	ND	81			101
N-Nitroso-di-n-butylamine	3125	ND				
4-Chloro-3-methylphenol	3125	ND	77	9	70	96

ELT# 11901

#3: 0-6"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	625	ND				
1,2,4,5-Tetrachlorobenzene	625	ND				
Hexachlorocyclopentadiene	625	ND				
2,4,6-Trichlorophenol	3125	ND	84			105
2,4,5-Trichlorophenol	3125	ND				
2-Chloronaphthalene	625	ND				
1-Chloronaphthalene	625	ND				
2-Nitroaniline	3125	ND				
Dimethylphthalate	625	ND				
Acenaphthylene	625	ND				
2,6-Dinitrotoluene	625	ND				
3-Nitroaniline	3125	ND				
Acenaphthene	625	ND	86	8	66	108
2,4-Dinitrophenol	3125	ND				
Dibenzofuran	3125	ND				
Pentachlorobenzene	625	ND				
4-Nitrophenol	3125	ND		22	20	
1-Naphthylamine	3125	ND				
2,4-Dinitrotoluene	625	ND		4	71	
2-Naphthylamine	3125	ND				
2,3,4,6-Tetrachlorophenol	3125	ND				
Fluorene	625	ND				
Diethylphthalate	625	ND				
4-Chlorophenyl-phenylether	625	ND				
4-Nitroaniline	3125	ND				
4,6-Dinitro-2-methylphenol	625	ND				
n-Nitrosodiphenylamine & Diphenylam	625	ND	84			105
Diphenylhydrazine	3125	ND				
4-Bromophenyl-phenylether	625	ND				
Phenacetin	3125	ND				
Hexachlorobenzene	625	ND				
4-Aminobiphenyl	3125	ND				
Pentachlorophenol	3125	ND	92	28	48	115
Pentachloronitrobenzene	3125	ND				
Pronamide	625	ND				
Phenanthrene	625	ND				
Anthracene	625	ND				
Di-n-butylphthalate	625	ND				
Fluoranthene	625	ND	87			109
Benzidine	6250	ND				
Pyrene	625	ND		5	77	
p-Dimethylaminoazobenzene	625	ND				
Butylbenzylphthalate	625	ND				
Benzo [a]anthracene	625	ND				
3,3-Dichlorobenzidine	625	ND				
Chrysene	625	ND				
bis (2-Ethylhexyl)phthalate	625	ND				

ELT# 11901

#3: 0-6"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n-octylphthalate	625	ND	87			109
Benzo[b]fluoranthene	625	ND				
7,12-Dimethylbenz(a)anthracene	625	ND				
Benzo[k]fluoranthene	625	ND				
Benzo [a] pyrene	625	ND	84			105
3-Methylcholanthrene	625	ND				
Dibenzo (a,j) acridine	625	ND				
Indeno [1,2,3-cd] pyrene	625	ND				
Dibenz [a,h] anthracene	625	ND				
Benzo [g,h,i] perylene	625	ND				

METHOD: EPA SW 846-8270, 3550
SURROGATES

% RECOVERY

2-Fluorophenol SURR	103
Phenol-d6 SURR	100
Nitrobenzene-d5 SURR	103
2-Fluorobiphenyl SURR	105
2,4,6-Tribromophenol SURR	80
Terphenyl-d14 SURR	103



Michael R. Fowler

8-8-97

Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project : # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11902

#3: 12-24"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	250	ND				
2-Picoline	2500	ND				
Methyl methanesulfonate	250	ND				
Ethyl methanesulfonate	250	ND				
Phenol	250	ND	84	10	58	105
Aniline	1250	ND				
bis(2-Chloroethyl)ether	1250	ND				
2-Chlorophenol	1250	ND		6	57	
1,3-Dichlorobenzene	250	ND				
1,4-Dichlorobenzene	250	ND	84	4	51	105
Benzyl alcohol	1250	ND				
1,2-Dichlorobenzene	250	ND				
2-Methylphenol	250	ND				
bis(2-Chloroisopropyl)ether	1250	ND				
4-Methylphenol/3-Methylphenol	250	ND				
Acetophenone	1250	ND				
n-Nitrosodi-n-propylamine	250	ND		8	59	
Hexachloroethane	250	ND				
Nitrobenzene	250	ND				
N-Nitrosopiperidine	1250	ND				
Isophorone	1250	ND				
2-Nitrophenol	125	ND	76			95
2,4-Dimethylphenol	1250	ND				
bis(2-Chloroethoxy)methane	250	ND				
Benzoic acid	5000	ND				
2,4-Dichlorophenol	1250	ND	75			94
1,2,4-Trichlorobenzene	250	ND		5	55	
a,a Dimethylphenethylamine	2500	ND				
Naphthalene	250	ND				
4-Chloroaniline	1250	ND				
2,6-Dichlorophenol	1250	ND				
Hexachlorobutadiene	250	ND	81			101
N-Nitroso-di-n-butylamine	1250	ND				
4-Chloro-3-methylphenol	1250	ND	77	9	70	96

ELT# 11902

#3: 12-24"

8270 COMPOUNDS	Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	250	ND				
1,2,4,5-Tetrachlorobenzene	250	ND				
Hexachlorocyclopentadiene	250	ND				
2,4,6-Trichlorophenol	1250	ND	84			105
2,4,5-Trichlorophenol	1250	ND				
2-Chloronaphthalene	250	ND				
1-Chloronaphthalene	250	ND				
2-Nitroaniline	1250	ND				
Dimethylphthalate	250	ND				
Acenaphthylene	250	ND				
2,6-Dinitrotoluene	250	ND				
3-Nitroaniline	1250	ND				
Acenaphthene	250	ND	86	8	66	108
2,4-Dinitrophenol	1250	ND				
Dibenzofuran	1250	ND				
Pentachlorobenzene	250	ND				
4-Nitrophenol	1250	ND		22	20	
1-Naphthylamine	2500	ND				
2,4-Dinitrotoluene	250	ND		4	71	
2-Naphthylamine	2500	ND				
2,3,4,6-Tetrachlorophenol	1250	ND				
Fluorene	250	ND				
Diethylphthalate	250	ND				
4-Chlorophenyl-phenylether	250	ND				
4-Nitroaniline	1250	ND				
4,6-Dinitro-2-methylphenol	1250	ND				
n-Nitrosodiphenylamine & Diphenylam	250	ND	84			105
Diphenylhydrazine	1250	ND				
4-Bromophenyl-phenylether	250	ND				
Phenacetin	1250	ND				
Hexachlorobenzene	250	ND				
4-Aminobiphenyl	1250	ND				
Pentachlorophenol	1250	ND	92	28	48	115
Pentachloronitrobenzene	1250	ND				
Pronamide	250	ND				
Phenanthrene	250	ND				
Anthracene	250	ND				
Di-n-butylphthalate	250	ND				
Fluoranthene	250	ND	87			109
Benzidine	5000	ND				
Pyrene	250	ND		5	77	
p-Dimethylaminoazobenzene	250	ND				
Butylbenzylphthalate	250	ND				
Benzo [a]anthracene	250	ND				
3,3-Dichlorobenzidine	1250	ND				
Chrysene	250	ND				
bis (2-Ethylhexyl)phthalate	250	ND				

ELT# 11902

#3: 12-24"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n- octlphthalate	250	ND	87			109
Benzo[b]fluoranthene	250	ND				
7.12-Dimethylbenz(a)anthracene	250	ND				
Benzo[k]fluoranthene	250	ND				
Benzo [a] pyrene	250	ND	84			105
3-Methyicholanthrene	250	ND				
Dibenzo (a,j) acridine	2500	ND				
Indeno [1,2,3-cd] pyrene	250	ND				
Dibenz [a,h] anthracene	250	ND				
Benzo [g,h,i] perylene	250	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270, 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	93
Phenol-d6 SURR	95
Nitrobenzene-d5 SURR	90
2-Fluorobiphenyl SURR	100
2,4,6-Tribromophenol SURR	73
Terphenyl-d14 SURR	95



Michael R. Fowler

8-8-97

Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11906

#4: 12"-24"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	125	ND				
2-Picoline	1250	ND				
Methyl methanesulfonate	125	ND				
Ethyl methanesulfonate	125	ND				
Phenol	125	ND	84	10	58	105
Aniline	625	ND				
bis(2-Chloroethyl)ether	625	ND				
2-Chlorophenol	625	ND		5	57	
1,3-Dichlorobenzene	125	ND				
1,4-Dichlorobenzene	125	ND	84	8	48	105
Benzyl alcohol	625	ND				
1,2-Dichlorobenzene	125	ND				
2-Methylphenol	125	ND				
bis(2-Chloroisopropyl)ether	625	ND				
4-Methylphenol/3-Methylphenol	125	ND				
Acetophenone	625	ND				
n-Nitrosodi-n-propylamine	125	ND		10	59	
Hexachloroethane	125	ND				
Nitrobenzene	125	ND				
N-Nitrosopiperidine	625	ND				
Isophorone	625	ND				
2-Nitrophenol	625	ND	78			98
2,4-Dimethylphenol	625	ND				
bis(2-Chloroethoxy)methane	125	ND				
Benzoic acid	2500	ND				
2,4-Dichlorophenol	625	ND	77			96
1,2,4-Trichlorobenzene	125	ND		5	56	
a.a Dimethylphenethylamine	1250	ND				
Naphthalene	125	ND				
4-Chloroaniline	625	ND				
2,6-Dichlorophenol	625	ND				
Hexachlorobutadiene	125	ND	82			103
N-Nitroso-di-n-butylamine	625	ND				
4-Chloro-3-methylphenol	625	ND	80	9	72	100

ELT# 11906

#4: 12"-24"

8270 COMPOUNDS	Reporting Limit	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	125	ND				
1,2,4,5-Tetrachlorobenzene	125	ND				
Hexachlorocyclopentadiene	125	ND				
2,4,6-Trichlorophenol	625	ND	82			103
2,4,5-Trichlorophenol	625	ND				
2-Chloronaphthalene	125	ND				
1,-Chloronaphthalene	125	ND				
2-Nitroaniline	625	ND				
Dimethylphthalate	125	ND				
Acenaphthylene	125	ND				
2,6-Dinitrotoluene	125	ND				
3-Nitroaniline	625	ND				
Acenaphthene	125	ND	84	9	66	105
2,4-Dinitrophenol	625	ND				
Dibenzofuran	625	ND				
Pentachlorobenzene	125	ND				
4-Nitrophenol	625	ND		31	23	
1-Naphthylamine	1250	ND				
2,4-Dinitrotoluene	125	ND		5	72	
2-Naphthylamine	1250	ND				
2,3,4,6-Tetrachlorophenol	625	ND				
Fluorene	125	ND				
Diethylphthalate	125	ND				
4-Chlorophenyl-phenylether	125	ND				
4-Nitroaniline	625	ND				
4,6-Dinitro-2-methylphenol	625	ND				
n-Nitrosodipenylamine & Diphenylam	125	ND	83			104
Diphenylhydrazine	625	ND				
4-Bromophenyl-phenylether	125	ND				
Phenacetin	625	ND				
Hexachlorobenzene	125	ND				
4-Aminobiphenyl	625	ND				
Pentachlorophenol	625	ND	94	24	46	118
Pentachloronitrobenzene	625	ND				
Pronamide	125	ND				
Phenanthrene	125	ND				
Anthracene	125	ND				
Di-n-butylphthalate	125	ND				
Fluoranthene	125	ND	85			106
Benzidine	2500	ND				
Pyrene	125	ND		3	76	
p-Dimethylaminoazobenzene	125	ND				
Butylbenzylphthalate	125	ND				
Benzo [a]anthracene	125	ND				
3,3-Dichlorobenzidine	625	ND				
Chrysene	125	ND				
bis (2-Ethylhexyl)phthalate	125	ND				

ELT# 11906

#4: 12"-24"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n- octlphthalate	125	ND	80			100
Benzo[b]fluoranthene	125	ND				
7,12-Dimethylbenz(a)anthracene	125	ND				
Benzo[k]fluoranthene	125	ND				
Benzo [a] pyrene	125	ND	83			104
3-Methylcholanthrene	125	ND				
Dibenzo (a,j) acridine	1250	ND				
Indeno [1,2,3-cd] pyrene	125	ND				
Dibenz [a,h] anthracene	125	ND				
Benzo [g,h,i] perylene	125	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

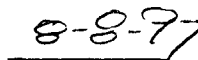
METHOD: EPA SW 846-8270, 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	100
Phenol-d6 SURR	100
Nitrobenzene-d5 SURR	100
2-Fluorobiphenyl SURR	103
2,4,6-Tribromophenol SURR	78
Terphenyl-d14 SURR	100


Michael R. Fowler


Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project : # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11907

#4: 36"-42"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	125	ND				
2-Picoline	1250	ND				
Methyl methanesulfonate	125	ND				
Ethyl methanesulfonate	125	ND				
Phenol	125	ND	84	10	58	105
Aniline	625	ND				
bis(2-Chloroethyl)ether	625	ND				
2-Chlorophenol	625	ND		6	57	
1,3-Dichlorobenzene	125	ND				
1,4-Dichlorobenzene	125	ND	84	4	51	105
Benzyl alcohol	625	ND				
1,2-Dichlorobenzene	125	ND				
2-Methylphenol	125	ND				
bis(2-Chloroisopropyl)ether	625	ND				
4-Methylphenol/3-Methylphenol	125	ND				
Acetophenone	625	ND				
n-Nitrosodi-n-propylamine	125	ND		8	59	
Hexachloroethane	125	ND				
Nitrobenzene	125	ND				
N-Nitrosopiperidine	625	ND				
Isophorone	625	ND				
2-Nitrophenol	625	ND	76			95
2,4-Dimethylphenol	625	ND				
bis(2-Chloroethoxy)methane	125	ND				
Benzoic acid	2500	ND				
2,4-Dichlorophenol	625	ND	75			94
1,2,4-Trichlorobenzene	125	ND		5	55	
a,a Dimethylphenethylamine	1250	ND				
Naphthalene	125	ND				
4-Chloroaniline	625	ND				
2,6-Dichlorophenol	625	ND				
Hexachlorobutadiene	125	ND	81			101
N-Nitroso-di-n-butylamine	625	ND				
4-Chloro-3-methylphenol	625	ND	77	9	70	96

ELT# 11907

#4: 36"-42"

8270 COMPOUNDS	Reporting Limit	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	125	ND				
1,2,4,5-Tetrachlorobenzene	125	ND				
Hexachlorocyclopentadiene	125	ND				
2,4,6-Trichlorophenol	625	ND	84			105
2,4,5-Trichlorophenol	625	ND				
2-Chloronaphthalene	125	ND				
1-Chloronaphthalene	125	ND				
2-Nitroaniline	625	ND				
Dimethylphthalate	125	ND				
Acenaphthylene	125	ND				
2,6-Dinitrotoluene	125	ND				
3-Nitroaniline	625	ND				
Acenaphthene	125	ND	86	8	66	108
2,4-Dinitrophenol	625	ND				
Dibenzofuran	625	ND				
Pentachlorobenzene	125	ND				
4-Nitrophenol	625	ND		22	20	
1-Naphthylamine	1250	ND				
2,4-Dinitrotoluene	125	ND		4	71	
2-Naphthylamine	1250	ND				
2,3,4,6-Tetrachlorophenol	625	ND				
Fluorene	125	ND				
Diethylphthalate	125	ND				
4-Chlorophenyl-phenylether	125	ND				
4-Nitroaniline	625	ND				
4,6-Dinitro-2-methylphenol	625	ND				
n-Nitrosodiphenylamine & Diphenylam	125	ND	84			105
Diphenylhydrazine	625	ND				
4-Bromophenyl-phenylether	125	ND				
Phenacetin	625	ND				
Hexachlorobenzene	125	ND				
4-Aminobiphenyl	625	ND				
Pentachlorophenol	625	ND	92	28	48	115
Pentachloronitrobenzene	625	ND				
Pronamide	125	ND				
Phenanthrene	125	ND				
Anthracene	125	ND				
Di-n-butylphthalate	125	ND				
Fluoranthene	125	ND	87			109
Benzidine	2500	ND				
Pyrene	125	ND		5	77	
p-Dimethylaminoazobenzene	125	ND				
Butylbenzylphthalate	125	ND				
Benzo [a]anthracene	125	ND				
3,3-Dichlorobenzidine	625	ND				
Chrysene	125	ND				
bis (2-Ethylhexyl)phthalate	125	ND				

ELT# 11907

#4: 36"-42"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n- octlphthalate	125	ND	87			109
Benzo[b]fluoranthene	125	ND				
7,12-Dimethylbenz(a)anthracene	125	ND				
Benzo[k]fluoranthene	125	ND				
Benzo [a] pyrene	125	ND	84			105
3-Methylcholanthrene	125	ND				
Dibenzo (a,j) acridine	1250	ND				
Indeno [1,2,3-cd] pyrene	125	ND				
Dibenz [a,h] anthracene	125	ND				
Benzo [g,h,i] perylene	125	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270. 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	98
Phenol-d6 SURR	100
Nitrobenzene-d5 SURR	93
2-Fluorobiphenyl SURR	100
2,4,6-Tribromophenol SURR	83
Terphenyl-d14 SURR	95


 Michael R. Fowler

8-8-97
 Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project : # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11904

#12: 12-24"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	62.5	ND				
2-Picoline	62.5	ND				
Methyl methanesulfonate	62.5	ND				
Ethyl methanesulfonate	62.5	ND				
Phenol	62.5	ND	84	10	58	105
Aniline	312.5	ND				
bis(2-Chloroethyl)ether	312.5	ND				
2-Chlorophenol	312.5	ND		6	57	
1,3-Dichlorobenzene	62.5	ND				
1,4-Dichlorobenzene	62.5	ND	84	4	51	105
Benzyl alcohol	312.5	ND				
1,2-Dichlorobenzene	62.5	ND				
2-Methylphenol	62.5	ND				
bis(2-Chloroisopropyl)ether	312.5	ND				
4-Methylphenol/3-Methylphenol	62.5	ND				
Acetophenone	312.5	ND				
n-Nitrosodi-n-propylamine	62.5	ND		8	59	
Hexachloroethane	62.5	ND				
Nitrobenzene	62.5	ND				
N-Nitrosopiperidine	312.5	ND				
Isophorone	312.5	ND				
2-Nitrophenol	312.5	ND	76			95
2,4-Dimethylphenol	312.5	ND				
bis(2-Chloroethoxy)methane	62.5	ND				
Benzoic acid	625	ND				
2,4-Dichlorophenol	312.5	ND	75			94
1,2,4-Trichlorobenzene	62.5	ND		5	55	
a,a Dimethylphenethylamine	625	ND				
Naphthalene	62.5	ND				
4-Chloroaniline	312.5	ND				
2,6-Dichlorophenol	312.5	ND				
Hexachlorobutadiene	62.5	ND	81			101
N-Nitroso-di-n-butylamine	312.5	ND				
4-Chloro-3-methylphenol	312.5	ND	77	9	70	96

ELT# 11904

#12: 12-24"

8270 COMPOUNDS	Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	62.5	ND				
1,2,4,5-Tetrachlorobenzene	62.5	ND				
Hexachlorocyclopentadiene	62.5	ND				
2,4,6-Trichlorophenol	312.5	ND	84			105
2,4,5-Trichlorophenol	312.5	ND				
2-Chloronaphthalene	62.5	ND				
1-Chloronaphthalene	62.5	ND				
2-Nitroaniline	312.5	ND				
Dimethylphthalate	62.5	ND				
Acenaphthylene	62.5	ND				
2,6-Dinitrotoluene	62.5	ND				
3-Nitroaniline	312.5	ND				
Acenaphthene	62.5	ND	86	8	66	108
2,4-Dinitrophenol	312.5	ND				
Dibenzofuran	312.5	ND				
Pentachlorobenzene	62.5	ND				
4-Nitrophenol	312.5	ND		22	20	
1-Naphthylamine	312.5	ND				
2,4-Dinitrotoluene	62.5	ND		4	71	
2-Naphthylamine	312.5	ND				
2,3,4,6-Tetrachlorophenol	312.5	ND				
Fluorene	62.5	ND				
Diethylphthalate	62.5	ND				
4-Chlorophenyl-phenylether	62.5	ND				
4-Nitroaniline	312.5	ND				
4,6-Dinitro-2-methylphenol	62.5	ND				
n-Nitrosodipenlamine & Diphenylam	62.5	ND	84			105
Diphenylhydrazine	312.5	ND				
4-Bromophenyl-phenylether	62.5	ND				
Phenacetin	312.5	ND				
Hexachlorobenzene	62.5	ND				
4-Aminobiphenyl	312.5	ND				
Pentachlorophenol	312.5	ND	92	28	48	115
Pentachloronitrobenzene	312.5	ND				
Pronamide	62.5	ND				
Phenanthrene	62.5	ND				
Anthracene	62.5	ND				
Di-n-butylphthalate	62.5	ND				
Fluoranthene	62.5	ND	87			109
Benzidine	62.5	ND				
Pyrene	62.5	ND		5	77	
p-Dimethylaminoazobenzene	62.5	ND				
Butylbenzylphthalate	62.5	ND				
Benzo [a]anthracene	62.5	ND				
3,3-Dichlorobenzidine	62.5	ND				
Chrysene	62.5	ND				
bis (2-Ethylhexyl)phthalate	62.5	ND				

ELT# 11904

#12: 12-24"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RFD	%EA	%IA
Di-n- octlphthalate	62.5	ND	87			109
Benzo[b]fluoranthene	62.5	ND				
7,12-Dimethylbenz(a)anthracene	62.5	ND				
Benzo[k]fluoranthene	62.5	ND				
Benzo [a] pyrene	62.5	ND	84			105
3-Methylcholanthrene	62.5	ND				
Dibenzo (a,j) acridine	62.5	ND				
Indeno [1,2,3-cd] pyrene	62.5	ND				
Dibenz [a,h] anthracene	62.5	ND				
Benzo [g,h,i] perylene	62.5	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270, 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	105
Phenol-d6 SURR	103
Nitrobenzene-d5 SURR	100
2-Fluorobiphenyl SURR	105
2,4,6-Tribromophenol SURR	93
Terphenyl-d14 SURR	98


Michael R. Fowler

8-8-97
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/25/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 07/30/97
Sampling Date: 07/25/97
Sample Condition: Intact/Iced
Extraction Date: 07/29/97

ELT# 11905	REPORTING	#12: 48"-60"				
8270 COMPOUNDS	LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	2.5	ND				
2-Picoline	25	ND				
Methyl methanesulfonate	2.5	ND				
Ethyl methanesulfonate	2.5	ND				
Phenol	2.5	ND	84	10	58	105
Aniline	12.5	ND				
bis(2-Chloroethyl)ether	12.5	ND				
2-Chlorophenol	12.5	ND		5	57	
1,3-Dichlorobenzene	2.5	ND				
1,4-Dichlorobenzene	2.5	ND	84	8	48	105
Benzyl alcohol	12.5	ND				
1,2-Dichlorobenzene	2.5	ND				
2-Methylphenol	2.5	ND				
bis(2-Chloroisopropyl)ether	12.5	ND				
4-Methylphenol/3-Methylphenol	2.5	ND				
Acetophenone	12.5	ND				
n-Nitrosodi-n-propylamine	2.5	ND		10	59	
Hexachloroethane	2.5	ND				
Nitrobenzene	2.5	ND				
N-Nitrosopiperidine	12.5	ND				
Isophorone	12.5	ND				
2-Nitrophenol	12.5	ND	78			98
2,4-Dimethylphenol	12.5	ND				
bis(2-Chloroethoxy)methane	2.5	ND				
Benzoic acid	50	ND				
2,4-Dichlorophenol	12.5	ND	77			96
1,2,4-Trichlorobenzene	2.5	ND		5	56	
a,a Dimethylphenethylamine	25	ND				
Naphthalene	2.5	ND				
4-Chloroaniline	12.5	ND				
2,6-Dichlorophenol	12.5	ND				
Hexachlorobutadiene	2.5	ND	82			103
N-Nitroso-di-n-butylamine	12.5	ND				
4-Chloro-3-methylphenol	12.5	ND	80	9	72	100

ELT# 11905

#12: 48"-60"

8270 COMPOUNDS	Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	2.5	ND				
1,2,4,5-Tetrachlorobenzene	2.5	ND				
Hexachlorocyclopentadiene	2.5	ND				
2,4,6-Trichlorophenol	12.5	ND	82			103
2,4,5-Trichlorophenol	12.5	ND				
2-Chloronaphthalene	2.5	ND				
1-Chloronaphthalene	2.5	ND				
2-Nitroaniline	12.5	ND				
Dimethylphthalate	2.5	ND				
Acenaphthylene	2.5	ND				
2,6-Dinitrotoluene	2.5	ND				
3-Nitroaniline	12.5	ND				
Acenaphthene	2.5	ND	84	9	66	105
2,4-Dinitrophenol	12.5	ND				
Dibenzofuran	12.5	ND				
Pentachlorobenzene	2.5	ND				
4-Nitrophenol	12.5	ND		31	23	
1-Naphthylamine	25	ND				
2,4-Dinitrotoluene	2.5	ND		5	72	
2-Naphthylamine	25	ND				
2,3,4,6-Tetrachlorophenol	12.5	ND				
Fluorene	2.5	ND				
Diethylphthalate	2.5	ND				
4-Chlorophenyl-phenylether	2.5	ND				
4-Nitroaniline	12.5	ND				
4,6-Dinitro-2-methylphenol	12.5	ND				
n-Nitrosodiphenylamine & Diphenylam	2.5	ND	83			104
Diphenylhydrazine	12.5	ND				
4-Bromophenyl-phenylether	2.5	ND				
Phenacetin	12.5	ND				
Hexachlorobenzene	2.5	ND				
4-Aminobiphenyl	12.5	ND				
Pentachlorophenol	12.5	ND	94	24	46	118
Pentachloronitrobenzene	12.5	ND				
Pronamide	2.5	ND				
Phenanthrene	2.5	ND				
Anthracene	2.5	ND				
Di-n-butylphthalate	2.5	ND				
Fluoranthene	2.5	ND	85			106
Benzidine	50	ND				
Pyrene	2.5	ND		3	76	
p-Dimethylaminoazobenzene	2.5	ND				
Butylbenzylphthalate	2.5	ND				
Benzo [a]anthracene	2.5	ND				
3,3-Dichlorobenzidine	12.5	ND				
Chrysene	2.5	ND				
bis (2-Ethylhexyl)phthalate	2.5	ND				

ELT# 11905

#12: 48"-60"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n-octylphthalate	2.5	ND	80			100
Benzo[b]fluoranthene	2.5	ND				
7,12-Dimethylbenz(a)anthracene	2.5	ND				
Benzo[k]fluoranthene	2.5	ND				
Benzo [a] pyrene	2.5	ND	83			104
3-Methylcholanthrene	2.5	ND				
Dibenzo (a,j) acridine	2.5	ND				
Indeno [1,2,3-cd] pyrene	2.5	ND				
Dibenz [a,h] anthracene	2.5	ND				
Benzo [g,h,i] perylene	2.5	ND				

Note: Elevated Reporting Limits due to sample matrix interference.

METHOD: EPA SW 846-8270, 3550

SURROGATES

% RECOVERY

2-Fluorophenol SURR	46
Phenol-d6 SURR	48
Nitrobenzene-d5 SURR	46
2-Fluorobiphenyl SURR	52
2,4,6-Tribromophenol SURR	42
Terphenyl-d14 SURR	54



Michael R. Fowler



Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

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5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/29/97
Sample Type: SOIL
Project: # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 08/06/97
Sampling Date: 07/28/97
Sample Condition: Intact/Iced
Extraction Date: 08/05/97

ELT# 11926

#13 12"-24"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	50	ND				
2-Picoline	500	ND				
Methyl methanesulfonate	50	ND				
Ethyl methanesulfonate	50	ND				
Phenol	50	ND	87	4	59	109
Aniline	250	ND				
bis(2-Chloroethyl)ether	250	ND				
2-Chlorophenol	250	ND		2	57	
1,3-Dichlorobenzene	50	ND				
1,4-Dichlorobenzene	50	ND	77	3	50	96
Benzyl alcohol	250	ND				
1,2-Dichlorobenzene	50	ND				
2-Methylphenol	50	ND				
bis(2-Chloroisopropyl)ether	250	ND				
4-Methylphenol/3-Methylphenol	50	ND				
Acetophenone	250	ND				
n-Nitrosodi-n-propylamine	50	ND		3	59	
Hexachloroethane	50	ND				
Nitrobenzene	50	ND				
N-Nitrosopiperidine	250	ND				
Isophorone	250	ND				
2-Nitrophenol	250	ND	78			98
2,4-Dimethylphenol	250	ND				
bis(2-Chloroethoxy)methane	50	ND				
Benzoic acid	1000	ND				
2,4-Dichlorophenol	250	ND	76			95
1,2,4-Trichlorobenzene	50	ND		4	51	
a.a Dimethylphenethylamine	500	ND				
Naphthalene	50	ND				
4-Chloroaniline	250	ND				
2,6-Dichlorophenol	250	ND				
Hexachlorobutadiene	50	ND	78			98
N-Nitroso-di-n-butylamine	250	ND				
4-Chloro-3-methylphenol	250	ND	76	0	80	95

ELT# 11926

#13 12"-24"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	50	ND				
1,2,4,5-Tetrachlorobenzene	50	ND				
Hexachlorocyclopentadiene	50	ND				
2,4,6-Trichlorophenol	250	ND	74			93
2,4,5-Trichlorophenol	250	ND				
2-Chloronaphthalene	50	ND				
1-Chloronaphthalene	50	ND				
2-Nitroaniline	250	ND				
Dimethylphthalate	50	ND				
Acenaphthylene	50	ND				
2,6-Dinitrotoluene	50	ND				
3-Nitroaniline	250	ND				
Acenaphthene	50	ND	82	1	77	103
2,4-Dinitrophenol	250	ND				
Dibenzofuran	250	ND				
Pentachlorobenzene	50	ND				
4-Nitrophenol	250	ND		6	79	
1-Naphthylamine	500	ND				
2,4-Dinitrotoluene	50	ND		2	92	
2-Naphthylamine	500	ND				
2,3,4,6-Tetrachlorophenol	250	ND				
Fluorene	50	ND				
Diethylphthalate	50	ND				
4-Chlorophenyl-phenylether	50	ND				
4-Nitroaniline	250	ND				
4,6-Dinitro-2-methylphenol	250	ND				
n-Nitrosodipenylamine & Diphenylam	50	ND	80			100
Diphenylhydrazine	250	ND				
4-Bromophenyl-phenylether	50	ND				
Phenacetin	250	ND				
Hexachlorobenzene	50	ND				
4-Aminobiphenyl	250	ND				
Pentachlorophenol	250	ND	91	4	93	114
Pentachloronitrobenzene	250	ND				
Pronamide	50	ND				
Phenanthrene	50	ND				
Anthracene	50	ND				
Di-n-butylphthalate	50	ND				
Fluoranthene	50	ND	87			109
Benzidine	1000	ND				
Pyrene	50	ND		5	96	
p-Dimethylaminoazobenzene	50	ND				
Butylbenzylphthalate	50	ND				
Benzo [a]anthracene	50	ND				
3,3-Dichlorobenzidine	500	ND				
Chrysene	50	ND				
bis (2-Ethylhexyl)phthalate	50	ND				

ELT# 1926

#13 12"-24"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n- octlphthalate	50	ND	89			111
Benzo[b]fluoranthene	50	ND				
7,12-Dimethylbenz(a)anthracene	50	ND				
Benzo[k]fluoranthene	50	ND				
Benzo [a] pyrene	50	ND	83			104
3-Methylcholanthrene	50	ND				
Dibenzo (a,j) acridine	500	ND				
Indeno [1,2,3-cd] pyrene	50	ND				
Dibenz [a,h] anthracene	50	ND				
Benzo [g,h,i] perylene	50	ND				

METHOD: EPA SW 846-8270. 3551

SURROGATES

% RECOVERY

2-Fluorophenol SURR	102
Phenol-d6 SURR	102
Nitrobenzene-d5 SURR	91
2-Fluorobiphenyl SURR	102
2,4,6-Tribromophenol SURR	93
Terphenyl-d14 SURR	98



Michael R. Fowler

8-8-97

Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

KEI
ATTN: THERESA NIX
5309 WURZBACH, SUITE 100
SAN ANTONIO, TEXAS 78238
FAX: 210-680-3763
FAX: 505-395-2636

Receiving Date: 07/29/97
Sample Type: SOIL
Project : # 710031
Project Location: STEVENS PROPERTY

Analysis Date: 08/06/97
Sampling Date: 07/28/97
Sample Condition: Intact/Iced
Extraction Date: 08/05/97

ELT# 11927

#13 48"-60"

8270 COMPOUNDS	REPORTING LIMIT	Concentration mg/kg	QC	RPD	% EA	% IA
N-Nitrosodimethylamine	50	ND				
2-Picoline	500	ND				
Methyl methanesulfonate	50	ND				
Ethyl methanesulfonate	50	ND				
Phenol	50	ND	87	4	59	109
Aniline	250	ND				
bis(2-Chloroethyl)ether	250	ND				
2-Chlorophenol	250	ND		2	57	
1,3-Dichlorobenzene	50	ND				
1,4-Dichlorobenzene	50	ND	77	3	50	96
Benzyl alcohol	250	ND				
1,2-Dichlorobenzene	50	ND				
2-Methylphenol	50	ND				
bis(2-Chloroisopropyl)ether	250	ND				
4-Methylphenol/3-Methylphenol	50	ND				
Acetophenone	250	ND				
n-Nitrosodi-n-propylamine	50	ND		3	59	
Hexachloroethane	50	ND				
Nitrobenzene	50	ND				
N-Nitrosopiperidine	250	ND				
Isophorone	250	ND				
2-Nitrophenol	250	ND	78			98
2,4-Dimethylphenol	250	ND				
bis(2-Chloroethoxy)methane	50	ND				
Benzoic acid	1000	ND				
2,4-Dichlorophenol	250	ND	76			95
1,2,4-Trichlorobenzene	50	ND		4	51	
a.a Dimethylphenethylamine	500	ND				
Naphthalene	50	ND				
4-Chloroaniline	250	ND				
2,6-Dichlorophenol	250	ND				
Hexachlorobutadiene	50	ND	78			98
N-Nitroso-di-n-butylamine	250	ND				
4-Chloro-3-methylphenol	250	ND	76	0	80	95

ELT# 11927

#13 48"-60"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
2-Methylnaphthalene	50	ND				
1,2,4,5-Tetrachlorobenzene	50	ND				
Hexachlorocyclopentadiene	50	ND				
2,4,6-Trichlorophenol	250	ND	74			93
2,4,5-Trichlorophenol	250	ND				
2-Chloronaphthalene	50	ND				
1-Chloronaphthalene	50	ND				
2-Nitroaniline	250	ND				
Dimethylphthalate	50	ND				
Acenaphthylene	50	ND				
2,6-Dinitrotoluene	50	ND				
3-Nitroaniline	250	ND				
Acenaphthene	50	ND	82	1	77	103
2,4-Dinitrophenol	250	ND				
Dibenzofuran	250	ND				
Pentachlorobenzene	50	ND				
4-Nitrophenol	250	ND		6	79	
1-Naphthylamine	500	ND				
2,4-Dinitrotoluene	50	ND		2	92	
2-Naphthylamine	500	ND				
2,3,4,6-Tetrachlorophenol	250	ND				
Fluorene	50	ND				
Diethylphthalate	50	ND				
4-Chlorophenyl-phenylether	50	ND				
4-Nitroaniline	250	ND				
4,6-Dinitro-2-methylphenol	250	ND				
n-Nitrosodipenylamine & Diphenylam	50	ND	80			100
Diphenylhydrazine	250	ND				
4-Bromophenyl-phenylether	50	ND				
Phenacetin	250	ND				
Hexachlorobenzene	50	ND				
4-Aminobiphenyl	250	ND				
Pentachlorophenol	250	ND	91	4	93	114
Pentachloronitrobenzene	250	ND				
Pronamide	50	ND				
Phenanthrene	50	ND				
Anthracene	50	ND				
Di-n-butylphthalate	50	ND				
Fluoranthene	50	ND	87			109
Benzidine	1000	ND				
Pyrene	50	ND		5	96	
p-Dimethylaminoazobenzene	50	ND				
Butylbenzylphthalate	50	ND				
Benzo [a]anthracene	50	ND				
3,3-Dichlorobenzidine	500	ND				
Chrysene	50	ND				
bis (2-Ethylhexyl)phthalate	50	ND				

ELT# 11927

#13 48"-60"

8270 COMPOUNDS	Reporting Limits	Concentration mg/kg	QC	RPD	%EA	%IA
Di-n-octylphthalate	50	ND	89			111
Benzo[b]fluoranthene	50	ND				
7,12-Dimethylbenz(a)anthracene	50	ND				
Benzo[k]fluoranthene	50	ND				
Benzo [a] pyrene	50	ND	83			104
3-Methylcholanthrene	50	ND				
Dibenzo (a,j) acridine	500	ND				
Indeno [1,2,3-cd] pyrene	50	ND				
Dibenz [a,h] anthracene	50	ND				
Benzo [g,h,i] perylene	50	ND				

METHOD: EPA SW 846-8270, 3550
SURROGATES

% RECOVERY

2-Fluorophenol SURR	100
Phenol-d6 SURR	104
Nitrobenzene-d5 SURR	91
2-Fluorobiphenyl SURR	104
2,4,6-Tribromophenol SURR	98
Terphenyl-d14 SURR	100


Michael R. Fowler

8-8-97
Date

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

FAX#: 210 680 3763

KET 5309 Wurzbach Drive Suite 100 SA, TX 78238

Project Name:

Sampler Signatures:

Stevens Property

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX	PRESERVATIVE METHOD										SAMPLING DATE	SAMPLING TIME
					WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER		

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

Relinquished by	Date:	Time:	Received by	DEVA

RECEIVED BY: *7-7007*
DATE: *11/16*

1407	1075
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Requested by: _____
Date: _____
Time: _____
Received by: _____

1001	7-16-97	
1001	7-16-97	

Relinquished by: _____ Date: _____
Received by Laboratory: _____ Time: _____

[illegible][illegible]

Environmental Lab of Texas, Inc. 12600 West 1-20 East Odessa, Texas 79763 (915) 563-1800 FAX (915) 563-1713

Project Manager:

Phone #: 210 680-3767

Theresa Nix

FAX #: 210 680-3763

Company Name & Address:

KET 5309 Wurzbach Drive Suite 100 SA, TX 78238

Project #:

710031

Project Name:

Project Location:

Stevens Property

Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX						PRESERVATIVE METHOD				SAMPLING	
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME
11897	#5; 6"-12"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11898	#5; 12"-24"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11899	#6; 6"-12"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11900	#6; 12"-24"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11901	#3; 0-6"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11902	#3; 12"-24"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11903	#3; 48-60"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
	#15; 12"-24"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
	#13; 48-60"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11904	#12; 12"-24"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	
11905	#12; 48-60"	1	4oz	/	/	/	/	/	/	/	/	/	/	7-8-97	

Relinquished by:

Date:

Times:

Received by:

REMARKS

Please fax copy of results to

Relinquished by:

Date:

Times:

Received by:

REMARKS

Tony Sayore

Relinquished by:

Date:

Times:

Received by Laboratory:

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

PO # 784 ANALYSIS REQUEST

TCLP Metals Ag As Ba Cd Cr Pb Hg Se
TCLP Volatiles
TCLP Semi Volatiles
TDS
RCI
Chlorides
Diox (Bois)
Fungo-print
NO2
SVOC

Pg 1073

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
(915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

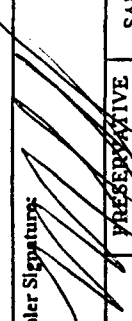
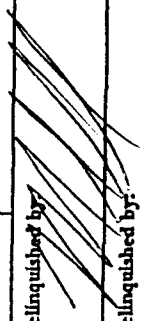
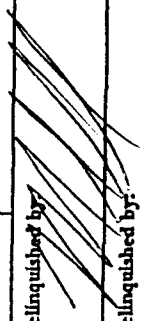
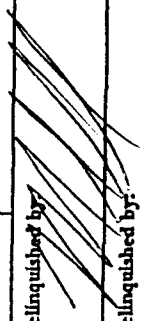
Project Manager:						Company Name & Address:						Project #:						Project Location:						Sampler Signature:						Project Name:					
Theresa Nix						KET 5309 Wurzbach Suite 100 SA, TX 78238						710031						Stevens Property																	
Phone #: 210 680 3767 FAX #: 210 680 3763																																			
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD				SAMPLING		TIME	ANALYSIS REQUEST	REMARKS																			
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER				DATE																		
11906	#4; 12"-24"	1	1/2	/											BTEX 8020/5030																				
11907	#4; 36"-42"	1	1/2	/											TPH 418.1																				
11908	#8; 12"-24"	1	1/2	/											TCLP Metals Ag As Ba Cd Cr Pb Hg Se																				
11909	#8; 32'-36"	1	1/2	/											Total Metals Ag As Ba Cd Cr Pb Hg Se																				
11910	#7; 24"-36"	1	1/2	/											TCLP Volatiles																				
11911	#7; 60"-66"	1	1/2	/											TCLP Semi Volatiles																				
11912	#2; 0'-6"	1	1/2	/											RCl																				
11913	#7; 12"-15"	1	1/2	/											SVOL																				
11914	#1; 6"-12"	1	1/2	/											VOL																				
11915	#1; 12"-22"	1	1/2	/											Chlorides																				
															PbO (Grav)																				
															Fingerprint																				

PO # 784

Please fax copy of results to Tony Savoie

Environmental Lab of Texas, Inc. 12600 West I-20 East Odessa, Texas 79763
 (915) 563-1800 FAX (915) 563-1713

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Theresa Nix Phone #: 210 680-3707 FAX #: 210 680-3703		ANALYSIS REQUEST PO # 78241																																			
Company Name & Address: 5309 Wurzbach Drive Suite 100 SA, TX 78238		Total Metals Ag As Ba Cd Cr Pb Hg Se TCLP Metals Ag As Ba Cd Cr Pb Hg Se TPH 418.1 BTX 8020/5030																																			
Project #: 710031		TCLP Volatiles TCLP Semi Volatiles TDS RCI SVOC VOC Chlorides DBP (Boils)																																			
Project Location: Stevens Property		Sampler Signature: 																																			
LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX			PRESERVATIVE METHOD			SAMPLING																											
				WATER	SOIL	AIR	SLUDGE	OTHER	HCL	HNO3	ICE	NONE	OTHER	DATE	TIME																						
11916	#11, 0'-6"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
11917	#11, 16"-21"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
11918	#9, 6"-12"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
11919	#9, 21"-24"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
11920	#10, 0'-6"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
11921	#10, 15"-19"	1	4oz	/	/	/	/	/	/	/	/	7-25-97																									
<table border="1"> <tr> <td>Relinquished by:</td> <td>Date:</td> <td>Times:</td> <td>Received by:</td> </tr> <tr> <td></td> <td>7-25-97</td> <td>1500</td> <td>g m c m u n e y</td> </tr> <tr> <td>Relinquished by:</td> <td>Date:</td> <td>Times:</td> <td>Received by:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Relinquished by:</td> <td>Date:</td> <td>Times:</td> <td>Received by Laboratory:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>														Relinquished by:	Date:	Times:	Received by:		7-25-97	1500	g m c m u n e y	Relinquished by:	Date:	Times:	Received by:					Relinquished by:	Date:	Times:	Received by Laboratory:				
Relinquished by:	Date:	Times:	Received by:																																		
	7-25-97	1500	g m c m u n e y																																		
Relinquished by:	Date:	Times:	Received by:																																		
Relinquished by:	Date:	Times:	Received by Laboratory:																																		
REMARKS Please fax copy of results to Tony Savaris																																					