



August 12, 1997

0507-7004-97

Ms. Melanie McKinley
Philips Semiconductors, Inc.
9201 Pan American Highway NE
Albuquerque, New Mexico 87113

Re: July 1997 Groundwater Monitoring Results

Dear Ms. McKinley:

On July 15 and 16, 1997, personnel from Daniel B. Stephens & Associates, Inc. (DBS&A) collected groundwater samples for Philips Semiconductors, Inc. (Philips). The samples were collected from Philips wells installed to monitor groundwater conditions associated with the former Coronado Municipal Landfill located near the Philips facility in Albuquerque, New Mexico (Figures 1 and 2). Samples were also collected from newly installed City of Albuquerque (COA) wells, the locations of which are also depicted on Figure 2. This report documents the sampling event and presents the results of the laboratory analyses.

Ms. Melanie McKinley of Philips provided access and direction for the sampling event. Mr. Terry Deeds and Mr. Clancy Pigman of DBS&A were responsible for the actual groundwater sampling. Personnel from COA were notified, and Mr. Billy Gallegos collected split samples from COA wells during this event.

Methods

The depth to water and total depth were measured in each well to determine the required minimum purge volume. The depths to groundwater in the previously installed wells (MW-1, 208.17 feet; MW-2, 197.00 feet; MW-3, 232.71 feet; MW-4, 225.08 feet below the top of casing [TOC]) were generally about 0.20 to 0.40 feet lower than those observed during the previous monitoring event in April 1997. Depths to water in the newly installed COA wells (NCLF-2, 199.09 feet; NCLF-3, 204.39 feet; and NCLF-4, 243.18 feet below TOC) were slightly lower than 3 months earlier.

Water quality parameters (pH, electrical conductivity, and temperature) were monitored during purging. All field measurements and calculations were recorded in a field notebook. Four of the seven wells (MW-1 through MW-4) were purged and subsequently sampled using dedicated bladder pumps. The other three wells (NCLF-2, NCLF-3, and NCLF-4) were purged and sampled using a Grundfos Redi-flo II submersible pump. After three casing volumes had been purged and water quality parameters had stabilized, groundwater samples were collected for analysis.

One duplicate groundwater sample was collected from MW-1 and labeled MW-5. One equipment blank was collected from the submersible pump. Containers provided by ACZ Laboratories, Inc. (ACZ) of Steamboat Springs, Colorado, and Hall Environmental Analysis Laboratory (HEAL) of Albuquerque, New Mexico, were filled, stored on ice or in a refrigerator until delivery, and



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submitted by express delivery to ACZ and by hand delivery to HEAL under chain-of-custody documentation.

Laboratory Analysis

The groundwater samples submitted to ACZ were analyzed for volatile organic compounds (VOCs) by U.S. Environmental Protection Agency (EPA) method 524.2, semivolatile organic compounds (SVOCs) by EPA method 8270, pesticides and polychlorinated biphenyls (PCBs) by EPA method 8080, most metals by EPA methods 6010/6020, mercury by EPA method 7470, and selenium by standard method 3500 Se C. The laboratory results from ACZ are presented in Attachment 1. The quality control reports from ACZ are included as Attachment 2. The additional samples submitted to HEAL were analyzed for ethylene dibromide (EDB) and dibromochloropropane (DBCP) by EPA method 504 and for benzo(a)pyrene (BAP) using EPA method 8310. The laboratory results from HEAL are presented in Attachment 3.

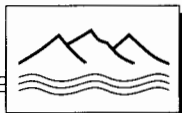
Data Quality Assessment

DBS&A has reviewed the analytical reports for compliance with standard data quality objectives, including holding times, surrogate recoveries, matrix spike and matrix spike duplicate (MS/MSD) recoveries, and relative percent differences. All of the analyses were performed, as requested, within the established or accepted holding times for sample extraction and analysis. The majority of surrogate and MS/MSD recoveries and MS/MSD relative percent differences (RPDs) are within the limits established by the EPA for the particular methods. Minor excursions were noted for some of the RPDs from the SVOC analysis and for some MSD recoveries from the pesticides and PCB analysis. These exceedances do not significantly affect the acceptability of the data from these analyses.

Laboratory Results

The analytes detected during the July 1997 round of groundwater monitoring are listed in Table 1. The laboratory data and chain-of-custody sheets from ACZ are included as Attachment 1. Tetrachloroethene (PCE) was the only VOC consistently detected, but, as opposed to previous results, all PCE concentrations were slightly below the EPA maximum contaminant level (MCL) of 5 micrograms per liter ($\mu\text{g/L}$). PCE concentrations were observed in samples from all monitor wells except, as usual, from MW-3, where PCE again was not detected.

One additional VOC was detected in samples from three of the wells. Very low concentrations (less than 5 $\mu\text{g/L}$) of dichlorodifluoromethane (Freon-12) were detected in the samples from Philips monitor wells MW-1 (duplicate sample labeled MW-5 on the data sheets) and MW-2. A higher concentration (20 $\mu\text{g/L}$) of Freon-12 was observed in the sample collected from COA well



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NCLF-3. These concentrations are well below the EPA health advisory for drinking water, which is 1,000 µg/L.

No SVOCs, pesticides, or PCBs were observed in any of the groundwater samples. The only metal consistently observed in the groundwater samples was barium (Table 1). However, all barium concentrations were well below the MCL. In addition, the sample from monitor well NCLF-4 contained low concentrations of selenium.

No EDB, DBCP, or BAP were detected in any of the groundwater samples analyzed by HEAL. The laboratory data and chain-of-custody sheets from HEAL are included as Attachment 3.

It has been a pleasure completing this work for you. If you have any questions or comments, please contact me or Greg Lewis at (505) 822-9400.

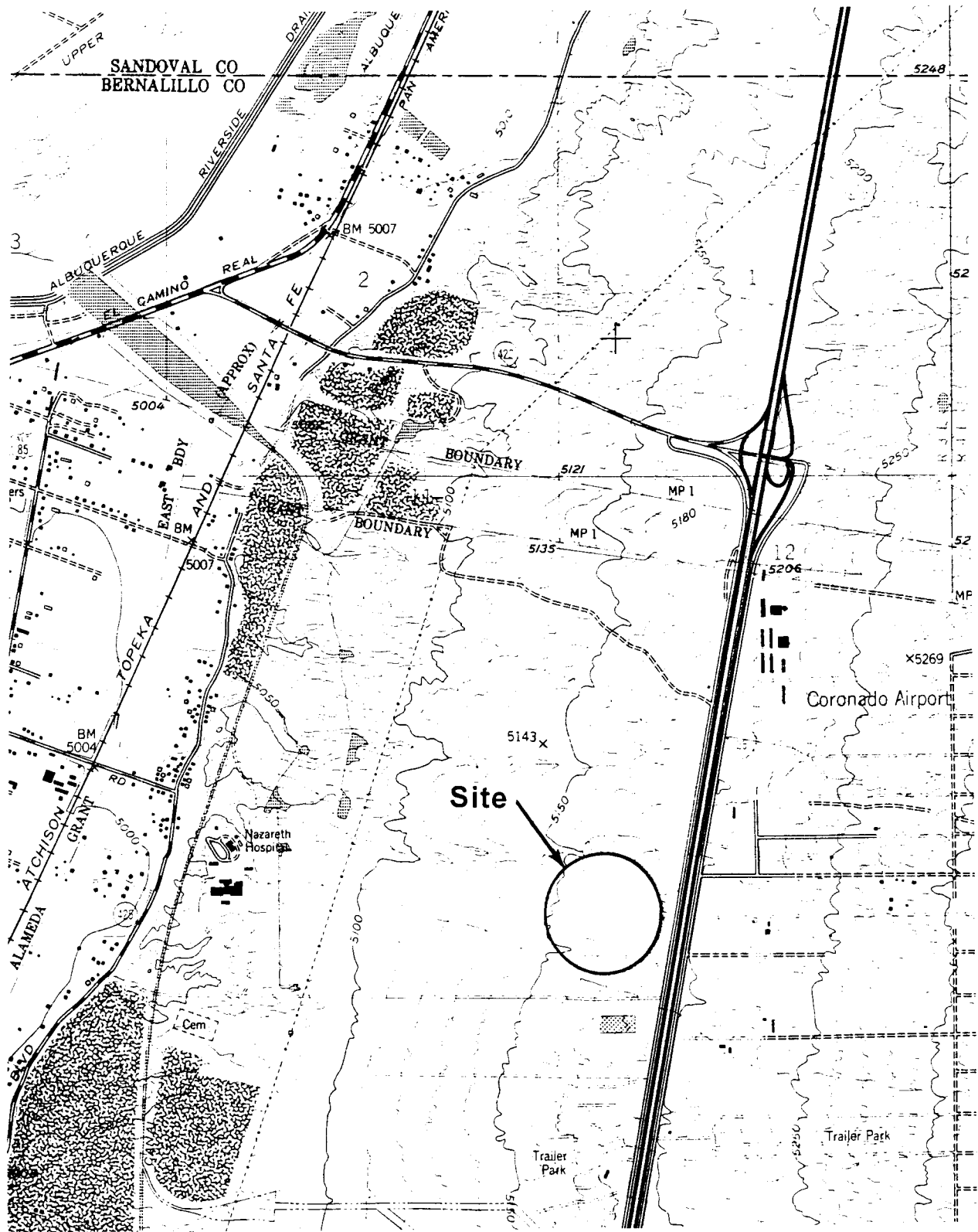
Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.

Richard Meixner
Project Manager

REM/jt
Attachments

Figures



Source: Adapted from Alameda, NM,
7.5 minute USGS quadrangle map.



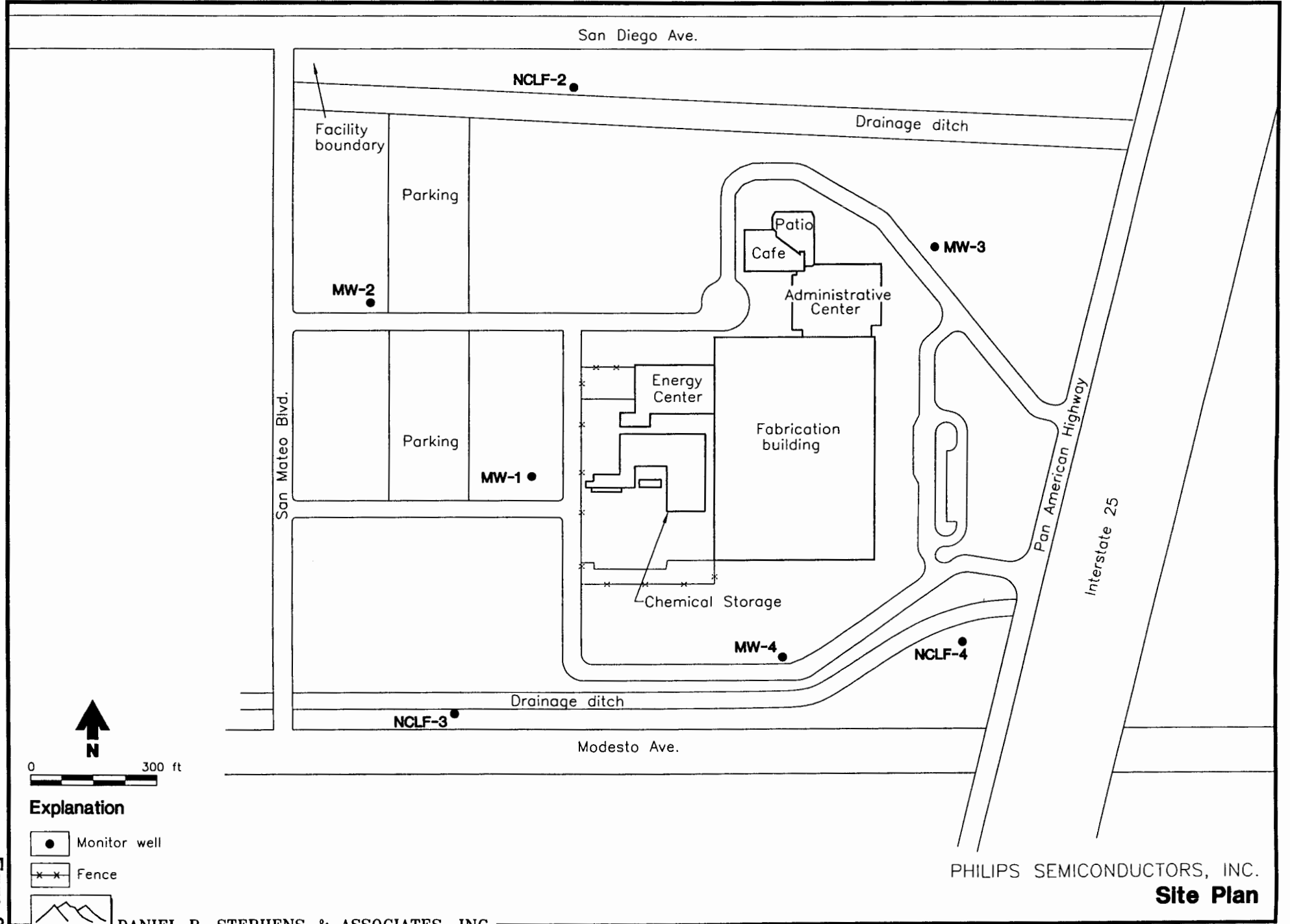
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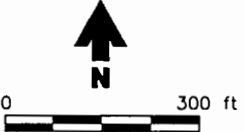
DANIEL B. STEPHENS & ASSOCIATES, INC.
5-9-96 JN 6023

PHILIPS SEMICONDUCTORS, INC.
General Site Vicinity

Figure 1



PHILIPS SEMICONDUCTORS, INC.
Site Plan



Explanation

- Monitor well
- ×× Fence



DANIEL B. STEPHENS & ASSOCIATES, INC.
8-14-97 JN 7004

Figure 2

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Tables

**Table 1. Analytes Detected in Philips Semiconductor Monitor Wells - July 1997**

Monitor Well	VOCs ^a		Metals ^b	
	PCE	Freon-12	Barium	Selenium
<i>Standard^c</i>	5	1,000	1.0	0.05
MW-1	4.7	ND	0.146	ND
MW-1 (Duplicate)	4.8	3.3	0.141	ND
MW-2	3.9	2.8	0.101	ND
MW-3	ND	ND	0.051	ND
MW-4	3.1	ND	0.139	ND
NCLF-2	3.6	ND	0.086	ND
NCLF-3	3.6	ND	0.122	ND
NCLF-4	2.4	20	0.044	0.017

VOC = Volatile organic compounds

PCE = Tetrachloroethene

Freon-12 = Dichlorodifluoromethane

ND = Not detected above practical quantitation limit (PQL)

^a Reported in micrograms per liter

^b Reported in milligrams per liter

^c Lowest applicable federal or state drinking water standard (includes federal health advisory for Freon-12)

Attachment 1

**Laboratory Results
ACZ Laboratories, Inc.**

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-05
Client Project No: 7004.3 Philips Semic. Lab File ID: A4826
Sample ID: MW-1 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/16/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-05
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4826
Sample ID:	MW-1	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/16/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene	4.7	1	
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
 "J" indicates compound detected < MDL (Method Detection Limit)
 "B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Davenport for RM
 Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-01
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4824
Sample ID:	MW-2	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/15/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane	2.8	1	
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-01
Client Project No: 7004.3 Philips Semic. Lab File ID: A4824
Sample ID: MW-2 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene	3.9	1	
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Havermehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-04
Client Project No: 7004.3 Philips Semic. Lab File ID: A4825
Sample ID: MW-3 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-04
Client Project No: 7004.3 Philips Semic. Lab File ID: A4825
Sample ID: MW-3 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene		1	U
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Habermehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-06
Client Project No: 7004.3 Philips Semic. Lab File ID: A4827
Sample ID: MW-4 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/16/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-06
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4827
Sample ID:	MW-4	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/16/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
100-41-4	Ethylbenzene		1 U
87-68-3	Hexachlorobutadiene		1 U
98-82-8	Isopropylbenzene (cumene)		1 U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1 U
75-09-2	Methylene Chloride		1 U
91-20-3	Naphthalene		1 U
103-65-1	n-Propylbenzene		1 U
100-42-5	Styrene		1 U
630-20-6	1,1,1,2-Tetrachloroethane		1 U
79-34-5	1,1,2,2-Tetrachloroethane		1 U
127-18-4	Tetrachloroethylene	3.1	1
108-88-3	Toluene		1 U
87-61-6	1,2,3-Trichlorobenzene		1 U
120-82-1	1,2,4-Trichlorobenzene		1 U
71-55-6	1,1,1-Trichloroethane		1 U
79-00-5	1,1,2-Trichloroethane		1 U
79-01-6	Trichloroethylene		1 U
75-69-4	Trichlorofluoromethane		1 U
96-18-4	1,2,3-Trichloropropane		1 U
95-63-6	1,2,4-Trimethylbenzene		1 U
108-67-8	1,3,5-Trimethylbenzene		1 U
75-01-4	Vinyl chloride		1 U
95-47-6	o-Xylene		1 U
108-38-3	m-Xylene		1 U
106-42-3	p-Xylene		1 U

Q FORMAT: "U" indicates compound was not detected
 "J" indicates compound detected < MDL (Method Detection Limit)
 "B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Harsen for RM
 Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-11
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4831
Sample ID:	MW-5	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/16/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane	3.3	1	
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-11
Client Project No: 7004.3 Philips Semic. Lab File ID: A4831
Sample ID: MW-5 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/16/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene	4.8	1	
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Havermehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-07
Client Project No: 7004.3 Philips Semic. Lab File ID: A4828
Sample ID: NCLF-2 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-07
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4828
Sample ID:	NCLF-2	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/15/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene	3.6	1	
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
 "J" indicates compound detected < MDL (Method Detection Limit)
 "B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Harsmehl for RM
 Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-08
Client Project No: 7004.3 Philips Semic. Lab File ID: A4829
Sample ID: NCLF-3 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-08
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4829
Sample ID:	NCLF-3	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/15/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
100-41-4	Ethylbenzene		1 U
87-68-3	Hexachlorobutadiene		1 U
98-82-8	Isopropylbenzene (cumene)		1 U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1 U
75-09-2	Methylene Chloride		1 U
91-20-3	Naphthalene		1 U
103-65-1	n-Propylbenzene		1 U
100-42-5	Styrene		1 U
630-20-6	1,1,1,2-Tetrachloroethane		1 U
79-34-5	1,1,2,2-Tetrachloroethane		1 U
127-18-4	Tetrachloroethylene	3.6	1
108-88-3	Toluene		1 U
87-61-6	1,2,3-Trichlorobenzene		1 U
120-82-1	1,2,4-Trichlorobenzene		1 U
71-55-6	1,1,1-Trichloroethane		1 U
79-00-5	1,1,2-Trichloroethane		1 U
79-01-6	Trichloroethylene		1 U
75-69-4	Trichlorofluoromethane		1 U
96-18-4	1,2,3-Trichloropropane		1 U
95-63-6	1,2,4-Trimethylbenzene		1 U
108-67-8	1,3,5-Trimethylbenzene		1 U
75-01-4	Vinyl chloride		1 U
95-47-6	o-Xylene		1 U
108-38-3	m-Xylene		1 U
106-42-3	p-Xylene		1 U

Q FORMAT: "U" indicates compound was not detected
 "J" indicates compound detected < MDL (Method Detection Limit)
 "B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. Harsmehl for RM
 Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-09
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4830
Sample ID:	NCLF-4	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/15/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
71-43-2	Benzene		1 U
108-86-1	Bromobenzene		1 U
74-97-5	Bromochloromethane		1 U
75-27-4	Bromodichloromethane		1 U
75-25-2	Bromoform		1 U
74-83-9	Bromomethane		1 U
104-51-8	n-Butylbenzene		1 U
135-98-8	sec-Butylbenzene		1 U
98-06-6	tert-Butylbenzene		1 U
56-23-5	Carbon tetrachloride		1 U
108-90-7	Chlorobenzene		1 U
75-00-3	Chloroethane		1 U
67-66-3	Chloroform		1 U
74-87-3	Chloromethane		1 U
95-49-8	1,2-Chlorotoluene		1 U
106-49-8	1,4-Chlorotoluene		1 U
124-48-1	Dibromochloromethane		1 U
96-12-8	1,2-Dibromo-3-chloropropane		1 U
106-93-4	1,2-Dibromoethane (EDB)		1 U
74-95-3	Dibromomethane		1 U
95-50-1	1,2-Dichlorobenzene		1 U
541-73-1	1,3-Dichlorobenzene		1 U
106-46-7	1,4-Dichlorobenzene		1 U
75-71-8	Dichlorodifluoromethane	20	1
75-34-3	1,1-Dichloroethane		1 U
107-06-2	1,2-Dichloroethane		1 U
75-35-4	1,1-Dichloroethylene		1 U
156-59-4	cis-1,2-Dichloroethylene		1 U
156-60-5	trans-1,2-Dichloroethylene		1 U
78-87-5	1,2-Dichloropropane		1 U
142-28-9	1,3-Dichloropropane		1 U
590-20-7	2,2-Dichloropropane		1 U
563-58-6	1,1-Dichloropropene		1 U
10061-01-5	cis-1,3-Dichloropropene		1 U
10061-02-6	trans-1,3-Dichloropropene		1 U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-09
Client Project No: 7004.3 Philips Semic. Lab File ID: A4830
Sample ID: NCLF-4 Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
100-41-4	Ethylbenzene		1	U
87-68-3	Hexachlorobutadiene		1	U
98-82-8	Isopropylbenzene (cumene)		1	U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1	U
75-09-2	Methylene Chloride		1	U
91-20-3	Naphthalene		1	U
103-65-1	n-Propylbenzene		1	U
100-42-5	Styrene		1	U
630-20-6	1,1,1,2-Tetrachloroethane		1	U
79-34-5	1,1,2,2-Tetrachloroethane		1	U
127-18-4	Tetrachloroethylene	2.4	1	
108-88-3	Toluene		1	U
87-61-6	1,2,3-Trichlorobenzene		1	U
120-82-1	1,2,4-Trichlorobenzene		1	U
71-55-6	1,1,1-Trichloroethane		1	U
79-00-5	1,1,2-Trichloroethane		1	U
79-01-6	Trichloroethylene		1	U
75-69-4	Trichlorofluoromethane		1	U
96-18-4	1,2,3-Trichloropropane		1	U
95-63-6	1,2,4-Trimethylbenzene		1	U
108-67-8	1,3,5-Trimethylbenzene		1	U
75-01-4	Vinyl chloride		1	U
95-47-6	o-Xylene		1	U
108-38-3	m-Xylene		1	U
106-42-3	p-Xylene		1	U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: J. Habermehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-10
Client Project No:	7004.3 Philips Semic.	Lab File ID:	A4823
Sample ID:	Equipment Blank	Date Received:	7/18/97
Matrix:	Water	Date Analyzed:	7/21/97
Sample Date:	7/16/97	Dilution Factor:	1
Report Date:	7/28/97		

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
71-43-2	Benzene		1 U
108-86-1	Bromobenzene		1 U
74-97-5	Bromochloromethane		1 U
75-27-4	Bromodichloromethane		1 U
75-25-2	Bromoform		1 U
74-83-9	Bromomethane		1 U
104-51-8	n-Butylbenzene		1 U
135-98-8	sec-Butylbenzene		1 U
98-06-6	tert-Butylbenzene		1 U
56-23-5	Carbon tetrachloride		1 U
108-90-7	Chlorobenzene		1 U
75-00-3	Chloroethane		1 U
67-66-3	Chloroform	3.4	1
74-87-3	Chloromethane		1 U
95-49-8	1,2-Chlorotoluene		1 U
106-49-8	1,4-Chlorotoluene		1 U
124-48-1	Dibromochloromethane		1 U
96-12-8	1,2-Dibromo-3-chloropropane		1 U
106-93-4	1,2-Dibromoethane (EDB)		1 U
74-95-3	Dibromomethane		1 U
95-50-1	1,2-Dichlorobenzene		1 U
541-73-1	1,3-Dichlorobenzene		1 U
106-46-7	1,4-Dichlorobenzene		1 U
75-71-8	Dichlorodifluoromethane		1 U
75-34-3	1,1-Dichloroethane		1 U
107-06-2	1,2-Dichloroethane		1 U
75-35-4	1,1-Dichloroethylene		1 U
156-59-4	cis-1,2-Dichloroethylene		1 U
156-60-5	trans-1,2-Dichloroethylene		1 U
78-87-5	1,2-Dichloropropane		1 U
142-28-9	1,3-Dichloropropane		1 U
590-20-7	2,2-Dichloropropane		1 U
563-58-6	1,1-Dichloropropene		1 U
10061-01-5	cis-1,3-Dichloropropene		1 U
10061-02-6	trans-1,3-Dichloropropene		1 U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-10
Client Project No: 7004.3 Philips Semic. Lab File ID: A4823
Sample ID: Equipment Blank Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/16/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
100-41-4	Ethylbenzene		1 U
87-68-3	Hexachlorobutadiene		1 U
98-82-8	Isopropylbenzene (cumene)		1 U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1 U
75-09-2	Methylene Chloride		1 U
91-20-3	Naphthalene		1 U
103-65-1	n-Propylbenzene		1 U
100-42-5	Styrene		1 U
630-20-6	1,1,1,2-Tetrachloroethane		1 U
79-34-5	1,1,2,2-Tetrachloroethane		1 U
127-18-4	Tetrachloroethylene		1 U
108-88-3	Toluene		1 U
87-61-6	1,2,3-Trichlorobenzene		1 U
120-82-1	1,2,4-Trichlorobenzene		1 U
71-55-6	1,1,1-Trichloroethane		1 U
79-00-5	1,1,2-Trichloroethane		1 U
79-01-6	Trichloroethylene		1 U
75-69-4	Trichlorofluoromethane		1 U
96-18-4	1,2,3-Trichloropropane		1 U
95-63-6	1,2,4-Trimethylbenzene		1 U
108-67-8	1,3,5-Trimethylbenzene		1 U
75-01-4	Vinyl chloride		1 U
95-47-6	o-Xylene		1 U
108-38-3	m-Xylene		1 U
106-42-3	p-Xylene		1 U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: J. Habermehl for su
Organic Laboratory Supervisor

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-12
Client Project No: 7004.3 Philips Semic. Lab File ID: A4822
Sample ID: Trip Blank Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL	Q
71-43-2	Benzene		1	U
108-86-1	Bromobenzene		1	U
74-97-5	Bromochloromethane		1	U
75-27-4	Bromodichloromethane		1	U
75-25-2	Bromoform		1	U
74-83-9	Bromomethane		1	U
104-51-8	n-Butylbenzene		1	U
135-98-8	sec-Butylbenzene		1	U
98-06-6	tert-Butylbenzene		1	U
56-23-5	Carbon tetrachloride		1	U
108-90-7	Chlorobenzene		1	U
75-00-3	Chloroethane		1	U
67-66-3	Chloroform		1	U
74-87-3	Chloromethane		1	U
95-49-8	1,2-Chlorotoluene		1	U
106-49-8	1,4-Chlorotoluene		1	U
124-48-1	Dibromochloromethane		1	U
96-12-8	1,2-Dibromo-3-chloropropane		1	U
106-93-4	1,2-Dibromoethane (EDB)		1	U
74-95-3	Dibromomethane		1	U
95-50-1	1,2-Dichlorobenzene		1	U
541-73-1	1,3-Dichlorobenzene		1	U
106-46-7	1,4-Dichlorobenzene		1	U
75-71-8	Dichlorodifluoromethane		1	U
75-34-3	1,1-Dichloroethane		1	U
107-06-2	1,2-Dichloroethane		1	U
75-35-4	1,1-Dichloroethylene		1	U
156-59-4	cis-1,2-Dichloroethylene		1	U
156-60-5	trans-1,2-Dichloroethylene		1	U
78-87-5	1,2-Dichloropropane		1	U
142-28-9	1,3-Dichloropropane		1	U
590-20-7	2,2-Dichloropropane		1	U
563-58-6	1,1-Dichloropropene		1	U
10061-01-5	cis-1,3-Dichloropropene		1	U
10061-02-6	trans-1,3-Dichloropropene		1	U

ACZ Laboratories, Inc

VOLATILE ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-12
Client Project No: 7004.3 Philips Semic. Lab File ID: A4822
Sample ID: Trip Blank Date Received: 7/18/97
Matrix: Water Date Analyzed: 7/21/97
Sample Date: 7/15/97 Dilution Factor: 1
Report Date: 7/28/97

Method ID: EPA 524.2, Purge & Trap GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
100-41-4	Ethylbenzene		1 U
87-68-3	Hexachlorobutadiene		1 U
98-82-8	Isopropylbenzene (cumene)		1 U
99-87-6	1,4-Isopropyltoluene (p-cymene)		1 U
75-09-2	Methylene Chloride		1 U
91-20-3	Naphthalene		1 U
103-65-1	n-Propylbenzene		1 U
100-42-5	Styrene		1 U
630-20-6	1,1,1,2-Tetrachloroethane		1 U
79-34-5	1,1,2,2-Tetrachloroethane		1 U
127-18-4	Tetrachloroethylene		1 U
108-88-3	Toluene		1 U
87-61-6	1,2,3-Trichlorobenzene		1 U
120-82-1	1,2,4-Trichlorobenzene		1 U
71-55-6	1,1,1-Trichloroethane		1 U
79-00-5	1,1,2-Trichloroethane		1 U
79-01-6	Trichloroethylene		1 U
75-69-4	Trichlorofluoromethane		1 U
96-18-4	1,2,3-Trichloropropane		1 U
95-63-6	1,2,4-Trimethylbenzene		1 U
108-67-8	1,3,5-Trimethylbenzene		1 U
75-01-4	Vinyl chloride		1 U
95-47-6	o-Xylene		1 U
108-38-3	m-Xylene		1 U
106-42-3	p-Xylene		1 U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED: S. H. H. for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-05
Client Project No: 7004.3 Philips Semic. Lab File ID: B9059
Sample ID: MW-1 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/25/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-05
Client Project No: 7004.3 Philips Semic. Lab File ID: B9059
Sample ID: MW-1 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/25/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-01
Client Project No: 7004.3 Philips Semic. Lab File ID: B4044
Sample ID: MW-2 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/23/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-01
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B4044
Sample ID:	MW-2	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/21/97
Sample Date:	7/15/97	Date Analyzed:	7/23/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-01
Client Project No: 7004.3 Philips Semic. Lab File ID: B4044
Sample ID: MW-2 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/23/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

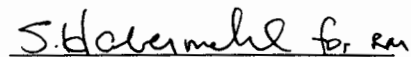
Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED:


Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-04
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9047
Sample ID:	MW-3	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/21/97
Sample Date:	7/15/97	Date Analyzed:	7/23/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-04
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9047
Sample ID:	MW-3	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/21/97
Sample Date:	7/15/97	Date Analyzed:	7/23/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-04
Client Project No: 7004.3 Philips Semic. Lab File ID: B9047
Sample ID: MW-3 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/23/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

<u>CAS NO.</u>	<u>COMPOUND</u>	<u>CONCENTRATION</u>	<u>MDL Q</u>
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Habermehl for em
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-06
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9060
Sample ID:	MW-4	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/23/97
Sample Date:	7/16/97	Date Analyzed:	7/25/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-06
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9060
Sample ID:	MW-4	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/23/97
Sample Date:	7/16/97	Date Analyzed:	7/25/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-06
Client Project No: 7004.3 Philips Semic. Lab File ID: B9060
Sample ID: MW-4 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/25/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

<u>CAS NO.</u>	<u>COMPOUND</u>	<u>CONCENTRATION</u>	<u>MDL Q</u>
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Habermehl for em
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-11
Client Project No: 7004.3 Philips Semic. Lab File ID: B9062
Sample ID: MW-5 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/26/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-11
Client Project No: 7004.3 Philips Semic. Lab File ID: B9062
Sample ID: MW-5 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/26/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-11
Client Project No: 7004.3 Philips Semic. Lab File ID: B9062
Sample ID: MW-5 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/26/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

<u>CAS NO.</u>	<u>COMPOUND</u>	<u>CONCENTRATION</u>	<u>MDL Q</u>
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Halverson for em
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-07
Client Project No: 7004.3 Philips Semic. Lab File ID: B9048
Sample ID: NCLF-2 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-07
Client Project No: 7004.3 Philips Semic. Lab File ID: B9048
Sample ID: NCLF-2 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-07
Client Project No: 7004.3 Philips Semic. Lab File ID: B9048
Sample ID: NCLF-2 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

CAS NO. COMPOUND CONCENTRATION MDL Q

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Habermehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-08
Client Project No: 7004.3 Philips Semic. Lab File ID: B9044
Sample ID: NCLF-3 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-08
Client Project No: 7004.3 Philips Semic. Lab File ID: B9044
Sample ID: NCLF-3 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-08
Client Project No: 7004.3 Philips Semic. Lab File ID: B9044
Sample ID: NCLF-3 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Hagemehl for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-09
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9050
Sample ID:	NCLF-4	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/21/97
Sample Date:	7/15/97	Date Analyzed:	7/24/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-09
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9050
Sample ID:	NCLF-4	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/21/97
Sample Date:	7/15/97	Date Analyzed:	7/24/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-09
Client Project No: 7004.3 Philips Semic. Lab File ID: B9050
Sample ID: NCLF-4 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/15/97 Date Analyzed: 7/24/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

<u>CAS NO.</u>	<u>COMPOUND</u>	<u>CONCENTRATION</u>	<u>MDL Q</u>
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Harenko for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-10
Client Project No: 7004.3 Philips Semic. Lab File ID: B9061
Sample ID: Equipment Blank Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/25/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
108-95-2	Phenol		10 U
111-44-4	bis-(2-Chloroethyl)ether		10 U
95-57-8	2-Chlorophenol		10 U
541-73-1	1,3-Dichlorobenzene		10 U
106-46-7	1,4-Dichlorobenzene		10 U
100-51-6	Benzyl Alcohol		10 U
95-50-1	1,2-Dichlorobenzene		10 U
95-48-7	2-Methylphenol		10 U
108-60-1	bis(2-Chloroisopropyl) ether		10 U
106-44-5	4-Methylphenol		10 U
621-64-7	N-Nitroso-di-n-propylamine		10 U
67-72-1	Hexachloroethane		10 U
98-95-3	Nitrobenzene		10 U
78-59-1	Isophorone		10 U
88-75-5	2-Nitrophenol		10 U
105-67-9	2,4-Dimethylphenol		50 U
65-85-0	Benzoic Acid		10 U
111-91-1	bis(2-Chloroethoxy)methane		10 U
120-83-2	2,4-Dichlorophenol		10 U
120-82-1	1,2,4-Trichlorobenzene		10 U
91-20-3	Naphthalene		10 U
106-47-8	4-Chloroaniline		10 U
87-68-3	Hexachlorobutadiene		10 U
59-50-7	4-Chloro-3-methylphenol		10 U
91-57-6	2-Methylnaphthalene		10 U
77-47-4	Hexachlorocyclopentadiene		10 U
88-06-2	2,4,6-Trichlorophenol		10 U
95-95-4	2,4,5-Trichlorophenol		50 U
91-58-7	2-Chloronaphthalene		10 U
88-74-4	2-Nitroaniline		50 U
131-11-3	Dimethyl phthalate		10 U
208-96-8	Acenaphthylene		10 U
606-20-2	2,6-Dinitrotoluene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client:	Daniel B. Stephens & Associates	Lab Sample ID:	L14737-10
Client Project No:	7004.3 Philips Semic.	Lab File ID:	B9061
Sample ID:	Equipment Blank	Date Received:	7/18/97
Matrix:	Water	Date Extracted:	7/23/97
Sample Date:	7/16/97	Date Analyzed:	7/25/97
Report Date:	7/28/97	Cleanup:	
		Dilution Factor:	1

Method ID: SEMI-VOLATILES BY EPA 8270, GC/MS Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
99-09-2	3-Nitroaniline		50 U
62-75-9	N-nitrosodimethylamine		10 U
83-32-9	Acenaphthene		10 U
51-28-5	2,4-Dinitrophenol		50 U
100-02-07	4-Nitrophenol		50 U
132-64-9	Dibenzofuran		10 U
121-14-2	2,4-Dinitrotoluene		10 U
84-66-2	Diethylphthalate		10 U
7005-72-3	4-Chlorophenyl-phenylether		10 U
86-73-7	Fluorene		10 U
100-01-6	4-Nitroaniline		50 U
534-52-1	4,6-Dinitro-2-methylphenol		50 U
86-30-6	N-Nitrosodiphenylamine(1)		10 U
101-55-3	4-Bromophenyl-phenylether		10 U
118-74-1	Hexachlorobenzene		10 U
87-86-5	Pentachlorophenol		50 U
85-01-8	Phenanthrene		10 U
120-12-7	Anthracene		10 U
84-74-2	Di-n-butylphthalate		10 U
206-44-0	Fluoranthene		10 U
129-00-0	Pyrene		10 U
85-68-7	Butylbenzylphthalate		10 U
91-94-1	3,3'-Dichlorobenzidine		20 U
56-55-3	Benzo(a)anthracene		10 U
117-81-7	Bis(2-ethylhexyl)phthalate		10 U
218-01-9	Chrysene		10 U
117-84-0	Di-n-octyl phthalate		10 U
205-99-2	Benzo(b)fluoranthene		10 U
207-08-9	Benzo(k)fluoranthene		10 U
50-32-8	Benzo(a)pyrene		10 U
193-39-5	Indeno(1,2,3-cd)pyrene		10 U
53-70-3	Dibenz(a,h)anthracene		10 U
191-24-2	Benzo(g,h,i)perylene		10 U
103-33-3	Azobenzene		50 U

ACZ Laboratories, Inc.

SEMI-VOLATILES ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-10
Client Project No: 7004.3 Philips Semic. Lab File ID: B9061
Sample ID: Equipment Blank Date Received: 7/18/97
Matrix: Water Date Extracted: 7/23/97
Sample Date: 7/16/97 Date Analyzed: 7/25/97
Report Date: 7/28/97 Cleanup:
Dilution Factor: 1

Method ID: SEMI-VOLATILES BY EPA 8270, Concentration Units: ug/L
GC/MS

<u>CAS NO.</u>	<u>COMPOUND</u>	<u>CONCENTRATION</u>	<u>MDL Q</u>
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Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration bla

COMMENTS:

APPROVED: S. Halverson for RM
Organic Laboratory Supervisor

ACZ Laboratories, Inc

ORGANICS ANALYSIS REPORT

Client: Daniel B. Stephens & Associates Lab Sample ID: L14737-05
Client Project No: 7004.3 Philips Semic. Lab File ID: 70722-26
Sample ID: MW-1 Date Received: 7/18/97
Matrix: Water Date Extracted: 7/21/97
Sample Date: 7/16/97 Date Analyzed: 7/23/97
Report Date: 7/28/97 Dilution Factor: 1

Method ID: Pest./PCBs by EPA 8080, GC/ECD Concentration Units: ug/L

CAS NO.	COMPOUND	CONCENTRATION	MDL Q
319-84-6	Alpha-BHC		0.05 U
319-85-7	Beta-BHC		0.05 U
319-86-8	Delta-BHC		0.05 U
58-89-9	Gamma-BHC(Lindane)		0.05 U
76-44-6	Heptachlor		0.05 U
309-00-2	Aldrin		0.05 U
1024-57-3	Heptachlor Epoxide		0.05 U
959-98-8	Endosulfan I		0.05 U
60-57-1	Dieldrin		0.10 U
72-55-9	4,4'-DDE		0.10 U
72-20-8	Endrin		0.10 U
33213-65-9	Endosulfan II		0.10 U
72-54-8	4,4'-DDD		0.10 U
1031-07-8	Endosulfan Sulfate		0.10 U
50-29-3	4,4'-DDT		0.10 U
53494-70-5	Endrin Ketone		0.10 U
7421-93-4	Endrin Aldehyde		0.10 U
72-43-5	Methoxychlor		0.50 U
57-74-9	Chlordane		0.50 U
8001-35-2	Toxaphene		1.00 U
12674-11-2	Aroclor-1016		0.50 U
11104-28-2	Aroclor-1221		0.50 U
11141-16-5	Aroclor-1232		0.50 U
53469-21-9	Aroclor-1242		0.50 U
12672-29-6	Aroclor-1248		0.50 U
11097-69-1	Aroclor-1254		1.00 U
11096-82-5	Aroclor-1260		1.00 U

Q FORMAT: "U" indicates compound was not detected
"J" indicates compound detected < MDL (Method Detection Limit)
"B" indicates compound was found in daily calibration blank

COMMENTS:

APPROVED:

ACZ Laboratories, Inc.
30400 Downhill Dr.
Steamboat Springs, CO 80487


Organic Laboratory Supervisor