Geomega
2995 Baseline Road
Suite 202
Boulder, CO 80303

Tel: 303-938-8115
Fax: 303-938-8123

SITE: Chevron Ortho
BREAK: 7.2 v.2
OTHER:

February 9, 2001

Mr. Karl Hoenke
Chevron Chemical Company
6001 Bollinger Canyon Road
San Ramon, CA 94583

Dear Karl:

Please find enclosed a copy of the *Fall 2000 Groundwater Sampling Report, Chevron Orlando, Florida Site*. This document reports on the sample collection and analytical data collected as part of the required semi-annual site monitoring.

If you have any questions, please contact me at 303-938-8115 or George Fennemore at 303-442-2549 x116.

Sincerely,

Andy Davis, Ph.D.
Director of Geochemistry

Cc: Bill Denman
Judie Kean
Susan Tobin

10477944

Good Science *Hard Work* *Creative Thinking*

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Executive Summary

Executive Summary

This document is an adjunct to previous submittals, describing the results of the October 2000 sampling event. The current data set continues to support the various lines of evidence discussed in those documents, namely:

- downgradient wells remain uninfluenced by site conditions,
- COC concentrations responded to variation in water table elevation as expected,
- site water table elevations respond discernibly to local precipitation and dry periods, and
- BHC-isomers in groundwater do not appear to migrate downgradient.

These data have been synthesized into the site interpretation and will be utilized in the ongoing assessment of the efficacy of natural attenuation as a groundwater remedy.

1.0 Introduction

This communication reports on the data collection activities that were conducted on the Chevron Orlando, Florida site between October 23-26, 2000. The data collection was conducted by personnel from TASK Environmental, Inc. (Tampa, FL) and Geomega, Inc. (Boulder, CO). The objective of the data collection was to fulfill the semi-annual monitoring requirements as set forth in the site's Record of Decision (ROD).

2.0 Site Maintenance Activities

TASK Environmental, Inc. (TASK) performs site maintenance activities on a monthly or bi-monthly basis, depending on rainfall (monthly during wet season, bi-monthly during dry season). Site maintenance activities include mowing the grass, removing weeds and vegetation along the fence-line, trimming trees, repair of the chain-link fence, replacement of warning signs, collection and disposal of garbage and debris, and painting the block wall and monitor well covers.

3.0 Water Quality Data

The data collected from site wells (Figure 3-1) during the October 2000 sampling included:

- water level measurements
- field geochemical data (pH, ORP, specific conductivity, dissolved oxygen, temperature, ferrous iron, total iron, sulfate, sulfide), and,
- laboratory analyses (chlorinated pesticides via EPA Method 8081, volatile organic compounds via EPA Method 8021, and inorganic compounds)

3.1 Water Level Measurements

Water level measurements are important at the Orlando site because water table fluctuations influence analytical chemistry (Section 4.1 and Appendix C). These data were collected on October 23, 2000 for 15 on-site and 11 off-site wells (Table 3-1), using an electronic water level indicator. Measurements were taken as part of the standard

semi-annual well sampling and for use in the evaluation of water level elevation vs. concentration comparison (Section 4.1).

October 2000 groundwater elevations in individual monitoring wells were consistent with levels measured during the April 2000 sampling event. The maximum decrease was 0.18 ft at MW-7D and the maximum increase was 0.85 ft at MW-4D. The October 2000 water elevations remain near the lowest reported levels since initiation of site groundwater monitoring in 1993 (Appendix C).

3.2 Field Parameters

Field parameters were measured using a flow-through cell while purging three to five well volumes from the wells, prior to sampling. Purging ceased either after three well volumes or when geochemical readings (e.g., conductivity, ORP, pH, temperature, and dissolved oxygen) had stabilized (Table 3-2).

On- and off-site groundwater has a relatively low specific conductivity (<=500 μS/cm) with groundwater from shallow wells having a higher conductivity (~275 μS/cm) compared to groundwater from deep wells (~170 μS/cm). ORP measurements fluctuated from –143 mV to 523 mV. ORP measurements were on average lower at deeper wells than at shallow wells. Dissolved oxygen was much higher than previous sampling events, ranging from 4.4 to 28.2 percent. This can likely be attributed to an equipment malfunction. On- and off-site groundwater is relatively warm (>24°C) and appears to be slightly acidic (pH between 3.6 and 6.0) under ambient conditions.

3.3 HACH Spectrophotometer Analyses

Following purging, groundwater was passed through a 0.45 μm filter and analyzed for ferrous iron, total iron, sulfate, and sulfide in the field using a HACH DR2000 spectrophotometer. These measurements were used to determine the redox state of each well (Table 3-3). Reduced forms of iron and sulfur were found in all monitoring wells. The reduced elemental forms indicate that site geochemical conditions are generally reducing.

3.4 Standard Semi-Annual Analyses

Groundwater samples were collected with dedicated disposable Teflon bailers from 22 wells as part of the standard semi-annual sampling event. Each well was purged prior to sample collection with a peristaltic pump. Three to five well volumes of water were removed from each well prior to sampling. Purge water was collected and treated on-site.

3.4.1 Analytical Results

Groundwater samples were analyzed for the standard semi-annual parameters (pesticides by EPA Method 8081, volatile organic compounds via EPA Method 8021, and inorganic natural attenuation indicator parameters) by SunLabs (Table 3-4; Appendix A). These analytic data were combined with historical groundwater data to update the site interpretation (Section 4).

In general, numerical results for site COCs (α-, β-, γ-, δ-BHC, and BTEX compounds) conformed to the historic pattern where lower groundwater elevations result in higher COC concentrations (see Section 4.1). Low-level detections of α-BHC at MW-6D (0.11 μg/l) and δ-BHC at MW-12 (0.10 μg/l) were reported in April 2000, but were not conclusive. These BHCs were both non-detects in October 2000, further suggesting that the April 2000 results were not reliable.

3.4.2 Duplicate/Replicate Analyses

Duplicate samples were taken in October 2000 from wells MW-4S, MW-5D, MW-6D and MW-12 and analyzed at SunLabs to determine lab precision. Replicate samples were taken from the same four wells and analyzed by Columbia Analytical (Appendix B) to compare lab accuracy.

Analyses for MW-5D, MW-6D and MW-12 were consistently reported at concentrations below method detection limits for analyses by SunLabs and Columbia Analytical (Table 3-4). Duplicate analytical results for MW-4S reported by STL were within +/-10% of

each other (Table 3-4). Replicate analyses for MW-4S performed by Columbia Analytical were within +/-10% of each other for the BTEX compounds. The replicate analysis of BHCs at MW-4S performed by Columbia Analytical were reported as approximately 4 times lower than the value reported by SunLabs.

4.0 Data Analysis

4.1 Water Level Elevation vs. Concentration

An analysis of water level elevation vs. COC concentration in the Comprehensive Data Review & Hydrogeochemical Conceptualization of the Chevron Orlando Site (Geomega, 1999) showed that short-term temporal variability in COC concentrations was associated with changes in water level elevation. A correlation was established between average total BHC concentrations and depth to water, suggesting that the rise and fall observed in site water levels controls groundwater BHC concentrations.

The correlation with depth to water is less significant for BTEX compounds because these compounds do not sorb strongly to soils. Therefore, BTEX groundwater concentrations are not as dependent on sorption/desorption mechanisms as the BHC isomers. Previously, it has been recognized that COC concentrations must be examined in conjunction with water level elevations to accurately interpret temporal evolution in COC concentrations. This theory was strengthened with the results of the October 2000 sampling because while the water level decreased slightly from the previous sampling event, the COC concentrations in general increased over the same time period (Figure 4-1). Appendix C contains figures of water level versus COC concentration for each individual well.

5.0 Conclusions

The results of the October 2000 semi-annual sampling and analysis confirm the interpretations presented in October 1999 (Geomega 1999), including:

- water level fluctuations correlate strongly with groundwater pesticide concentrations; and

- the BHC isomer groundwater plume appears to be stable with the mass of ΣBHC in groundwater decreasing at approximately 10% per annum since 1993 (*BHC in Chevron Orlando Groundwater: Evidence for Plume Attenuation and Stability*, Geomega, December 13, 2000)

Table 3-1. Water Level Elevations for Chevron, Orlando, October 2000

Well	Date	Water Level Elevation (feet MSL)
MW-1S	10/23/00	90.15
MW-1D	10/23/00	90.04
MW-2S	10/23/00	91.28
MW-2D	10/23/00	91.16
MW-3S	10/23/00	91.84
MW-3D	10/23/00	92.05
MW-4S	10/23/00	91.21
MW-4D	10/23/00	91.55
MW-5S	10/23/00	89.96
MW-5D	10/23/00	89.81
MW-6S	10/23/00	89.43
MW-6D	10/23/00	89.37
MW-7S	10/23/00	92.52
MW-7D	10/23/00	92.29
MW-8S	10/23/00	93.31
MW-8D	10/23/00	93.09
MW-9D	10/23/00	93.35
MW-10S	10/23/00	92.83
MW-10D	10/23/00	92.75
MW-11	10/23/00	88.4
MW-12	10/23/00	89.95
MW-15	10/23/00	89.2
MW-16S	10/23/00	90.47
MW-16D	10/23/00	90.7
MW-17	10/23/00	92.31
MW-D	10/23/00	93.37

Table 3-2. Field Parameters for Chevron, Orlando, October 2000

Well	pH	Temperature (°C)	Conductivity (umhos)	Eh (mV)
MW-1S	5	27.2	240	-35
MW-1D	4.55	25.8	251	-64
MW-2S	5.99	26.8	500	5
MW-2D	5.2	25.7	200	-143
MW-3S	5.39	24.5	275	-57.8
MW-3D	4.33	24.3	200	11.8
MW-4S	5.09	25	420	-51.7
MW-4D	4.65	24.5	200	-17.4
MW-5S	5.3	25	320	376.2
MW-5D	5	24.4	175	-75
MW-6S	5.3	24.3	240	350.7
MW-6D	3.9	24.8	99	312
MW-7S	5.1	25	110	55
MW-7D	4.22	24.1	79	5
MW-8S	5.41	26.6	308	-100
MW-8D	4.4	25.5	122	-94
MW-9D	5.5	25.8	318	-139
MW-10S	4.41	26.9	150	184.3
MW-10D	4.28	26	92	-97
MW-11	3.66	27.5	265	523
MW-12	4	28	129	46
MW-15	3.6	26.6	91	510
MW-16S	4.58	25.8	190	-57
MW-16D	4.07	25	132	2
MW-17	5.15	27	310	-53
MW-D	5.1	26.9	220	-31

Table 3-3. HACH Spectrophotometer Analyses for Chevron, Orlando, October 2000

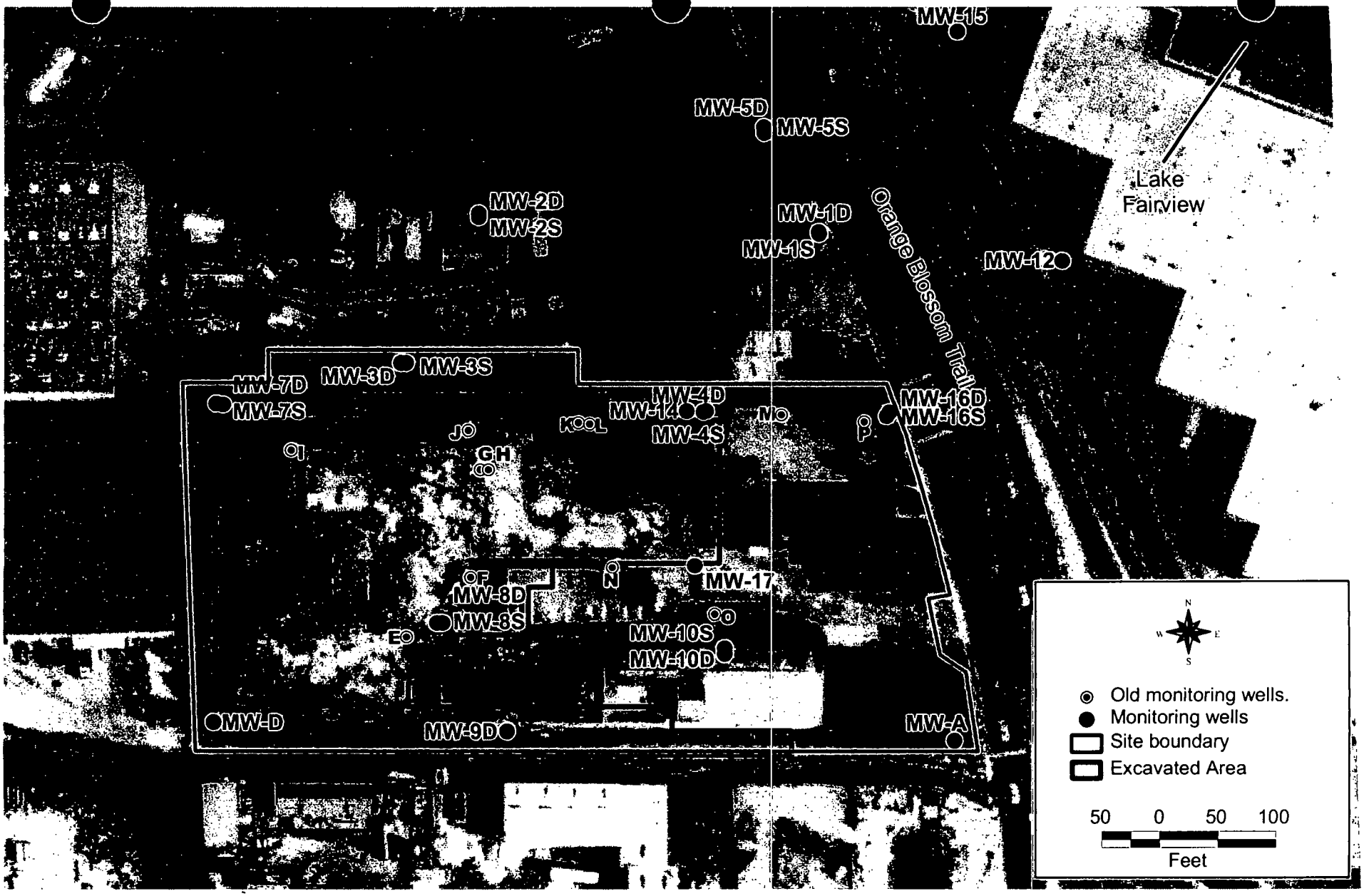
Well	Fe^{2+} mg/l	Fe Total mg/l	SO_4^{2-} mg/l	S^{2-} mg/l
MW-1S	0.91	1.23	34	0.382
MW-1D	0.63	0.62	52	3.81
MW-2S	0.00	0.02	20	0.276
MW-2D	0.37	0.39	1	0.80
MW-3S	0.20	0.10	0	0.346
MW-3D	2.60	2.65	48	0.483
MW-4S	0.08	0.04	49	4.91
MW-4D	0.88	0.87	2	1.95
MW-5S	0.07	0.16	42	0.002
MW-5D	0.44	0.49	25	0.543
MW-6S	0.02	0.11	31	0.000
MW-6D	0.88	0.97	25	0.006
MW-8S	0.82	1.24	10	0.150
MW-8D	0.39	0.43	27	0.9
MW-9D	0.02	0.07	0	0.533
MW-10S	0.07	0.21	22	0.009
MW-10D	0.52	0.65	16	0.316
MW-12	0.23	0.23	21	0.048
MW-15	0.01	0.01	25	0.000
MW-16S	0.33	0.43	30	0.048
MW-16D	2.12	2.11	38	0.287
MW-17	0.28	0.32	38	0.51

Table 3-4. Groundwater Analyses for Chevron, Orlando, October 2000

Well*	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-1S	0.84	1.1	<0.5	5	<0.9	<1.1	<1	<1.1	<1	<1		<0.5	<5
MW-1D	1.7	3.7	0.19	3.4	<9	190	<10	58	<0.1	<0.1		<0.05	<50
MW-2S	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-2D	0.62	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-3S	0.37	<0.05	0.17	<0.03	<0.9	41	<1	120	<0.1	<0.1		<0.05	<5
MW-3D	0.08	0.14	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-4S	8.8	11	<0.5	32	11	29	1.1	61	<1	<1		<0.5	<5
MW-4S (Dup)	9.3	11	<0.5	33	11	29	1.2	62	<1	<1		<0.5	<5
MW-4S (Rep)	2.9	3.1	<0.2	8.2	10	27	<1	56			<0.5	<0.2	<1
MW-4D	4.4	3.3	<0.5	9.4	19	230	10	620	<1	<1		<0.5	<5
MW-5S	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D (Dup)	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D (Rep)	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-6S	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D (Dup)	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D (Rep)	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-8S	<0.04	0.22	0.06	<0.03	<0.9	9.7	<1	22	<0.1	<0.1		<0.05	<5
MW-8D	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-9D	0.08	0.31	<0.05	0.8	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-10S	1.8	19	1.1	6.4	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-10D	<0.04	0.84	<0.05	0.07	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	17
MW-12	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-12 (Dup)	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-12 (Rep)	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-15	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-16S	8.9	36	7.8	13	2	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-16D	<0.04	0.31	<0.05	<0.03	3.7	<1.1	<1	<1.1	<0.1	<0.1		<0.05	11
MW-17	5.5	4.4	1.4	9.5	2	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5

*All samples were analyzed by SunLabs, except Replicate samples, which were analyzed by Columbia Analytical.

FIGURES



Generation Date: 2/9/01	Figure 3-1. Basemap of Chevron Orlando, Florida, site boundary, excavation surface, and monitoring well locations.	Geomega

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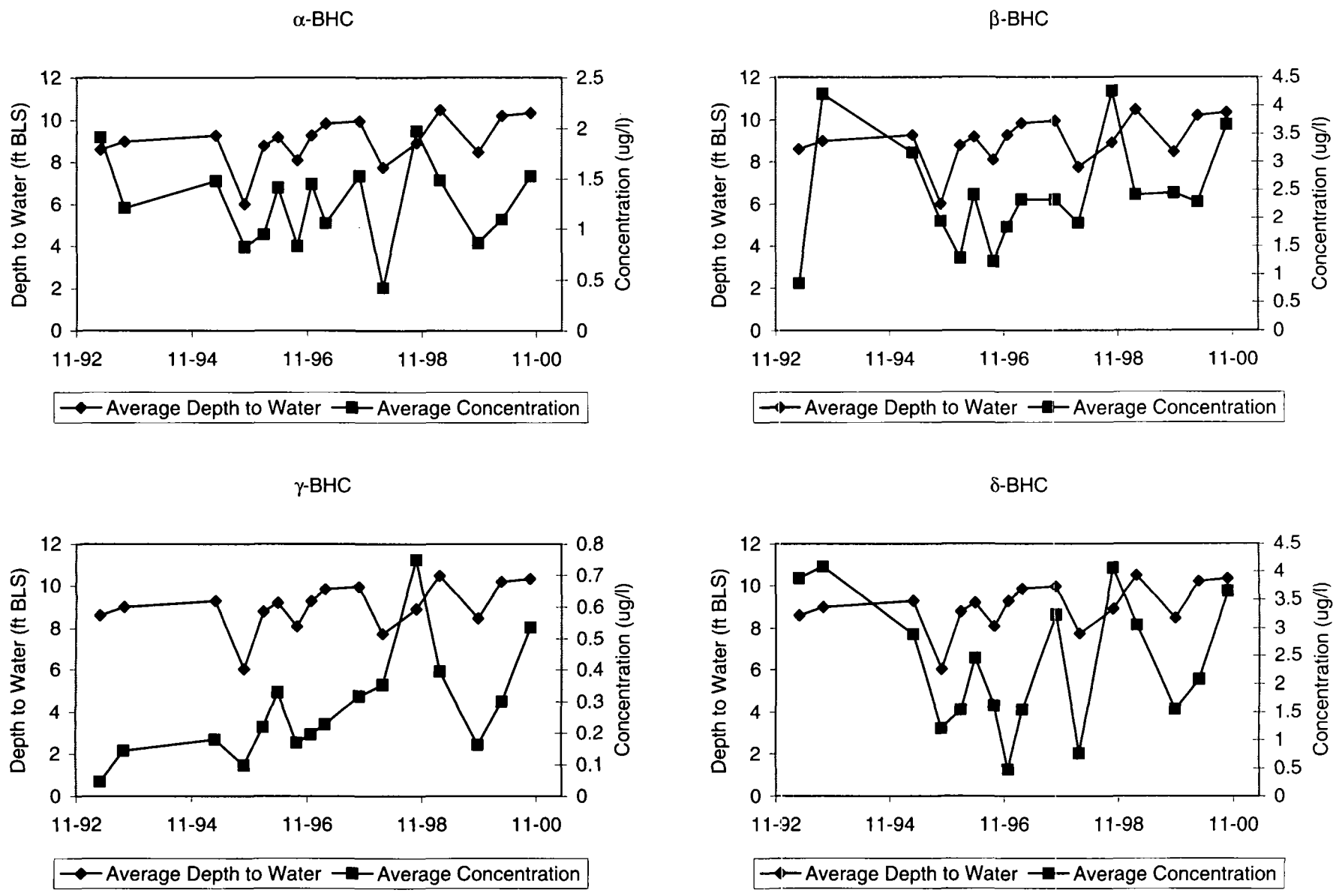
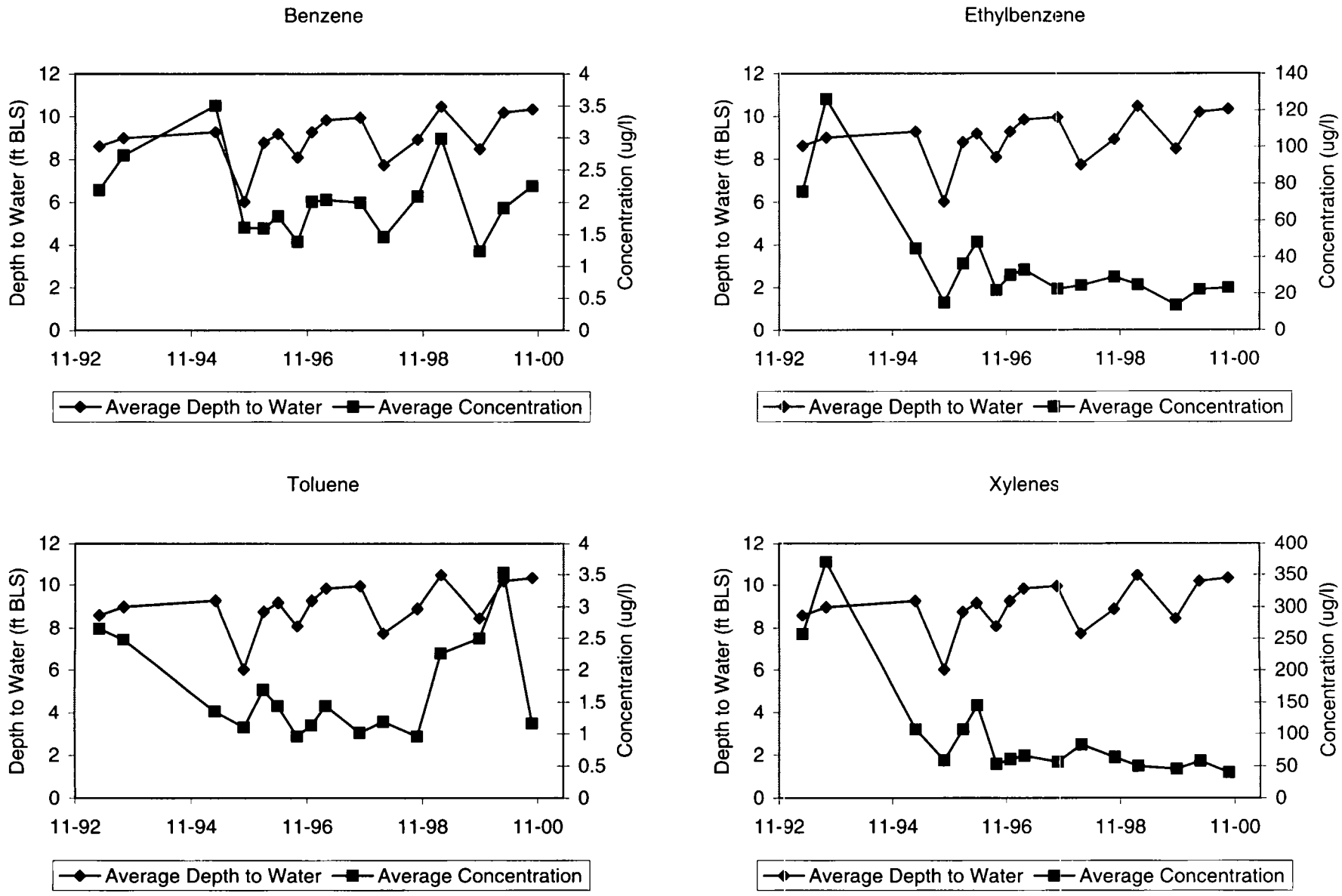


Generation Date: 01/24/01	Figure 4-1. Average Depth to Water vs. Average Concentration at Chevron, Orlando, October 2000	Geomega



Generation Date: 01/24/01	Figure 4-1. Average Depth to Water vs. Average Concentration at Chevron, Orlando, October 2000	Geomega

Appendix A. SunLabs Data Sheets

SunLabs data reports for groundwater samples collected in October 2000.

November 27, 2000

Susan Tobin
Task Environmental Consultants, Inc.
501 South Boulevard
Tampa, FL 33606

Re SunLabs Project Number: **001025.01**
Client Project Description: **Chevron Orlando**

Dear Ms. Tobin:

Enclosed is the report of laboratory analysis for the following samples:

Sample Number	Sample Description	Date Collected
8099	CO-MW-12	10/24/00
8100	CO-MW-112	10/24/00
8101	CO-MW-15	10/24/00
8102	CO-MW-6D	10/24/00
8103	CO-MW-106D	10/24/00
8104	CO-MW-6S	10/24/00
8105	CO-MW-5D	10/24/00
8106	CO-MW-105D	10/24/00
8107	CO-MW-5S	10/24/00
8108	CO-MW-16S	10/24/00
8115	CO-MW-16D	10/25/00
8116	CO-MW-8S	10/25/00
8117	CO-MW-8D	10/25/00
8118	CO-MW-9D	10/25/00
8119	CO-MW-10S	10/25/00
8120	CO-MW-10D	10/25/00
8121	CO-EQ-1	10/25/00
8122	CO-EQ-2	10/25/00
8123	CO-MW-FB	10/25/00
8124	CO-MW-1S	10/25/00
8125	CO-MW-1D	10/25/00
8126	CO-MW-2S	10/25/00
8127	CO-MW-2D	10/25/00
8128	CO-MW-17	10/25/00
8129	CO-MW-EQ3	10/26/00
8130	CO-MW-3S	10/26/00
8131	CO-MW-3D	10/26/00
8132	CO-MW-4S	10/26/00
8133	CO-MW-104S	10/26/00
8134	CO-MW-4D	10/26/00

SunLabs,Inc.

P.O. Box 260454
Tampa FL 33685

Sample Number	Sample Description	Date Collected

Inorganic parameters analyzed by Southern Analytical Laboratories, Inc CompQAPP # 870317.

Footnotes are given at the end of the report, when applicable.

If you have any questions or comments concerning this report, please do not hesitate to contact us.

Sincerely,

Michael W. Palmer
Vice President, Laboratory Operations

Enclosures

SunLabs,Inc.

P.O. Box 260454
Tampa, FL 33685

Phone [illegible]
Fax [illegible]
email [illegible]

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8099
Sample Designation			CO-MW-12
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	63
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	111
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8099
Sample Designation	CO-MW-12
Date Collected	10/24/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	13
Nitrate	300.0	mg/L	0.01
Sulfate	300.0	mg/L	13
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	43
Biochemical Oxygen Demand (BOD)	405.1	mg/L	19
Chemical Oxygen Demand (COD)	410.1	mg/L	66

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8100
Sample Designation			CO-MW-112
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	60
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	113
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8100
Sample Designation			CO-MW-112
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8101
Sample Designation			CO-MW-15
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	58
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	112
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs
Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs	8101
Sample Designation	CO-MW-15
Date Collected	10/24/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	2.4
Nitrate	300.0	mg/L	2.3
Sulfate	300.0	mg/L	18
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	1.5
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	<10

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8102
Sample Designation			CO-MW-6D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	84
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	0.07
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0 10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0 10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	109
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8102
Sample Designation			CO-MW-6D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	**8.4**
Nitrate	300.0	mg/L	**0.46**
Sulfate	300.0	mg/L	**15**
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	**5.6**
Biochemical Oxygen Demand (BOD)	405.1	mg/L	**1.0**
Chemical Oxygen Demand (COD)	410.1	mg/L	<10

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8103
Sample Designation			CO-MW-106D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	85
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	0.06
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0 1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	116
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8103
Sample Designation			CO-MW-106D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8104
Sample Designation			CO-MW-6S
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	70
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	112
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8104
Sample Designation			CO-MW-6S
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	55
Nitrate	300.0	mg/L	0.04
Sulfate	300.0	mg/L	22
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	13
Biochemical Oxygen Demand (BOD)	405.1	mg/L	4.2
Chemical Oxygen Demand (COD)	410.1	mg/L	19

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8105
Sample Designation			CO-MW-5D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	83
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/30/00
Surrogate	8021	%	112
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8105
Sample Designation	CO-MW-5D
Date Collected	10/24/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	23
Nitrate	300.0	mg/L	0.3
Sulfate	300.0	mg/L	24
Sulfide	376.1	mg/L	0.75
Total Organic Carbon	415.1	mg/L	7.8
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	10

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8106
Sample Designation	CO-MW-105D
Date Collected	10/24/00

Parameters	Method	Units	Results
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	81
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8106
Sample Designation			CO-MW-105D
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8107
Sample Designation			CO-MW-5S
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	81
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8107
Sample Designation			CO-MW-5S
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	80
Nitrate	300.0	mg/L	1.6
Sulfate	300.0	mg/L	30
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	19
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	29

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Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8108
Sample Designation			CO-MW-16S
Date Collected			10/24/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	88
a-BHC	8081	ug/L	8.9
b-BHC	8081	ug/L	36
Lindane	8081	ug/L	7.8
d-BHC	8081	ug/L	13
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8108
Sample Designation	CO-MW-16S
Date Collected	10/24/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	8.1
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	1.8
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	2.0
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	2.0

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Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8115
Sample Designation			CO-MW-16D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/30/00
Surrogate	8081	%	79
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	0.31
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	115
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8115
Sample Designation			CO-MW-16D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	**11**
Benzene	8021	ug/L	**3.7**
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	**3.7**

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8116
Sample Designation			CO-MW-8S
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			**10/26/00**
Date Analyzed			**10/31/00**
Surrogate	8081	%	**60**
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	**0.22**
Lindane	8081	ug/L	**0.06**
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			**10/31/00**
Surrogate	8021	%	**113**
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8116
Sample Designation	CO-MW-8S
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	**2.0**
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	**9.7**
Total Xylenes	8021	ug/L	**22**
Total VOA	8021	ug/L	**31.7**
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	**120**
Nitrate	300.0	mg/L	**0.31**
Sulfate	300.0	mg/L	**5.0**
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	**37**
Biochemical Oxygen Demand (BOD)	405.1	mg/L	**1.2**
Chemical Oxygen Demand (COD)	410.1	mg/L	**71**

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8117
Sample Designation			CO-MW-8D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/31/00
Surrogate	8081	%	68
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8117
Sample Designation			CO-MW-8D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochioromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	11
Nitrate	300.0	mg/L	<0.002
Sulfate	300.0	mg/L	33
Sulfide	376.1	mg/L	1.3
Total Organic Carbon	415.1	mg/L	14
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	23

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8118
Sample Designation			CO-MW-9D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/31/00
Surrogate	8081	%	95
a-BHC	8081	ug/L	0.08
b-BHC	8081	ug/L	0.31
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	0.80
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			11/1/00
Surrogate	8021	%	105
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8118
Sample Designation			CO-MW-9D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1 0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	1.1
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	1.2
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	170
Nitrate	300.0	mg/L	<0.002
Sulfate	300.0	mg/L	5..1
Sulfide	376.1	mg/L	0.14
Total Organic Carbon	415.1	mg/L	30
Biochemical Oxygen Demand (BOD)	405.1	mg/L	8.1
Chemical Oxygen Demand (COD)	410.1	mg/L	78

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8119
Sample Designation			CO-MW-10S
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/31/00
Surrogate	8081	%	86
a-BHC	8081	ug/L	1.8
b-BHC	8081	ug/L	19
Lindane	8081	ug/L	1.1
d-BHC	8081	ug/L	6.4
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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P.O. Box 260453
Tampa, FL 33685

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8119
Sample Designation	CO-MW-10S
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	1.6
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	21
Nitrate	300.0	mg/L	2.7
Sulfate	300.0	mg/L	49
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	14
Biochemical Oxygen Demand (BOD)	405.1	mg/L	21
Chemical Oxygen Demand (COD)	410.1	mg/L	29

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8120
Sample Designation			CO-MW-10D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/31/00
Surrogate	8081	%	68
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	0.84
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	0.07
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8120
Sample Designation	CO-MW-10D
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	17
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	16
Nitrate	300.0	mg/L	0.9
Sulfate	300.0	mg/L	15
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	12
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	14

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8121
Sample Designation			CO-EQ-1
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/26/00
Date Analyzed			10/31/00
Surrogate	8081	%	79
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	114
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8121
Sample Designation			CO-EQ-1
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs
Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs	8122
Sample Designation	CO-EQ-2
Date Collected	10/25/00

Parameters	Method	Units	Results
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	61
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	113
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8122
Sample Designation			CO-EQ-2
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8123
Sample Designation			CO-MW-FB
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	69
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	113
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8123
Sample Designation	CO-MW-FB
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8124
Sample Designation			CO-MW-1S
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	74
a-BHC	8081	ug/L	0.84
b-BHC	8081	ug/L	1.1
Lindane	8081	ug/L	< 0.5
d-BHC	8081	ug/L	5.0
Heptachlor	8081	ug/L	< 0.4
Aldrin	8081	ug/L	< 0.4
Heptachlor epoxide	8081	ug/L	< 0.5
a-Chlordane	8081	ug/L	< 1
g-Chlordane	8081	ug/L	< 1
Endosulfan I	8081	ug/L	< 0.5
Dieldrin	8081	ug/L	< 0.3
p,p'-DDE	8081	ug/L	< 1
Endrin	8081	ug/L	< 1
Endosulfan II	8081	ug/L	< 1
p,p'-DDD	8081	ug/L	< 0.5
Endrin aldehyde	8081	ug/L	< 1
Endosulfan sulfate	8081	ug/L	< 1
p,p'-DDT	8081	ug/L	< 1
Endrin ketone	8081	ug/L	< 1
Methoxychlor	8081	ug/L	< 1
Toxaphene	8081	ug/L	< 30
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	107
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8124
Sample Designation	CO-MW-1S
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	**23**
Nitrate	300.0	mg/L	**0.25**
Sulfate	300.0	mg/L	**47**
Sulfide	376.1	mg/L	**0.47**
Total Organic Carbon	415.1	mg/L	**21**
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	**46**

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8125
Sample Designation			CO-MW-1D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	81
a-BHC	8081	ug/L	1.7
b-BHC	8081	ug/L	3.7
Lindane	8081	ug/L	0.19
d-BHC	8081	ug/L	3.4
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			11/1/00
Surrogate	8021	%	104
Dichlorodifluoromethane	8021	ug/L	< 10
Chloromethane	8021	ug/L	< 10
Vinyl chloride	8021	ug/L	< 10
Bromomethane	8021	ug/L	< 10
Chloroethane	8021	ug/L	< 10
Trichlorofluoromethane	8021	ug/L	< 10
1,1-Dichloroethene	8021	ug/L	< 10
Methylene chloride	8021	ug/L	< 100
trans-1,2-Dichlorothene	8021	ug/L	< 10

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8125
Sample Designation			CO-MW-1D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	< 10
Chloroform	8021	ug/L	< 10
1,1,1-Trichloroethane	8021	ug/L	< 10
Carbon tetrachloride	8021	ug/L	< 10
1,2-Dichloroethane	8021	ug/L	< 10
Trichloroethene	8021	ug/L	< 10
1,2-Dichloropropane	8021	ug/L	< 10
Bromodichloromethane	8021	ug/L	< 10
cis-1,3-Dichloropropene	8021	ug/L	< 10
trans-1,3-Dichloropropene	8021	ug/L	< 10
1,1,2-Trichloroethane	8021	ug/L	< 10
Tetrachloroethene	8021	ug/L	< 10
Dibromochloromethane	8021	ug/L	< 10
Chlorobenzene	8021	ug/L	< 10
Bromoform	8021	ug/L	< 10
1,1,2,2-Tetrachloroethane	8021	ug/L	< 10
1,3-Dichlorobenzene	8021	ug/L	< 10
1,4-Dichlorobenzene	8021	ug/L	< 10
1,2-Dichlorobenzene	8021	ug/L	< 10
MTBE	8021	ug/L	< 50
Benzene	8021	ug/L	< 9
Toluene	8021	ug/L	< 10
Ethylbenzene	8021	ug/L	**190**
Total Xylenes	8021	ug/L	**58**
Total VOA	8021	ug/L	**248**
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	<2.0
Nitrate	300.0	mg/L	**0.02**
Sulfate	300.0	mg/L	**74**
Sulfide	376.1	mg/L	**9.3**
Total Organic Carbon	415.1	mg/L	<1
Biochemical Oxygen Demand (BOD)	405.1	mg/L	**11**
Chemical Oxygen Demand (COD)	410.1	mg/L	**120**

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8126
Sample Designation			CO-MW-2S
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	71
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	106
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8126
Sample Designation			CO-MW-2S
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	160
Nitrate	300.0	mg/L	1.2
Sulfate	300.0	mg/L	42
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	33
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	66

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8127
Sample Designation			CO-MW-2D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	64
a-BHC	8081	ug/L	0.62
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	106
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8127
Sample Designation			CO-MW-2D
Date Collected			10/25/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	1.6
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	3.4
1,2-Dichlorobenzene	8021	ug/L	1.4
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	50
Nitrate	300.0	mg/L	0.08
Sulfate	300.0	mg/L	17
Sulfide	376.1	mg/L	6.2
Total Organic Carbon	415.1	mg/L	18
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	35

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8128
Sample Designation	CO-MW-17
Date Collected	10/25/00

Parameters	Method	Units	Results
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	89
a-BHC	8081	ug/L	5.5
b-BHC	8081	ug/L	4.4
Lindane	8081	ug/L	1.4
d-BHC	8081	ug/L	9.5
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	108
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8128
Sample Designation	CO-MW-17
Date Collected	10/25/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	**7.5**
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	**2.4**
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	**2.0**
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	**2.0**

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8129
Sample Designation	CO-MW-EQ3
Date Collected	10/26/00

Parameters	Method	Units	Results
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	83
a-BHC	8081	ug/L	<0.04
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	110
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8129
Sample Designation	CO-MW-EQ3
Date Collected	10/26/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8130
Sample Designation			CO-MW-3S
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	73
a-BHC	8081	ug/L	0.37
b-BHC	8081	ug/L	<0.05
Lindane	8081	ug/L	0.17
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	111
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs			8130
Sample Designation			CO-MW-3S
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1 1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	1.4
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	7.5
1,2-Dichlorobenzene	8021	ug/L	2.7
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	41
Total Xylenes	8021	ug/L	120
Total VOA	8021	ug/L	161
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	60
Nitrate	300.0	mg/L	<0.002
Sulfate	300.0	mg/L	18
Sulfide	376.1	mg/L	<0.1
Total Organic Carbon	415.1	mg/L	23
Biochemical Oxygen Demand (BOD)	405.1	mg/L	4.0
Chemical Oxygen Demand (COD)	410.1	mg/L	49

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.
Project Description
Chevron Orlando

November 27, 2000

SunLabs			8131
Sample Designation			CO-MW-3D
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	85
a-BHC	8081	ug/L	0.08
b-BHC	8081	ug/L	0.14
Lindane	8081	ug/L	<0.05
d-BHC	8081	ug/L	<0.03
Heptachlor	8081	ug/L	<0.04
Aldrin	8081	ug/L	<0.04
Heptachlor epoxide	8081	ug/L	<0.05
a-Chlordane	8081	ug/L	<0.1
g-Chlordane	8081	ug/L	<0.1
Endosulfan I	8081	ug/L	<0.05
Dieldrin	8081	ug/L	<0.03
p,p'-DDE	8081	ug/L	<0.10
Endrin	8081	ug/L	<0.10
Endosulfan II	8081	ug/L	<0.10
p,p'-DDD	8081	ug/L	<0.05
Endrin aldehyde	8081	ug/L	<0.10
Endosulfan sulfate	8081	ug/L	<0.10
p,p'-DDT	8081	ug/L	<0.10
Endrin ketone	8081	ug/L	<0.10
Methoxychlor	8081	ug/L	<0.10
Toxaphene	8081	ug/L	<3.0
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	109
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8131
Sample Designation	CO-MW-3D
Date Collected	10/26/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	<1.0
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	<1.0
1,2-Dichlorobenzene	8021	ug/L	<1.0
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	<0.9
Toluene	8021	ug/L	<1.0
Ethylbenzene	8021	ug/L	<1.1
Total Xylenes	8021	ug/L	<1.1
Total VOA	8021	ug/L	<0.9
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	8.4
Nitrate	300.0	mg/L	<0.002
Sulfate	300.0	mg/L	59
Sulfide	376.1	mg/L	0.18
Total Organic Carbon	415.1	mg/L	18
Biochemical Oxygen Demand (BOD)	405.1	mg/L	<1
Chemical Oxygen Demand (COD)	410.1	mg/L	33

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8132
Sample Designation			CO-MW-4S
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	65
a-BHC	8081	ug/L	8.8
b-BHC	8081	ug/L	11
Lindane	8081	ug/L	< 0.5
d-BHC	8081	ug/L	32
Heptachlor	8081	ug/L	< 0.4
Aldrin	8081	ug/L	< 0.4
Heptachlor epoxide	8081	ug/L	< 0.5
a-Chlordane	8081	ug/L	< 1
g-Chlordane	8081	ug/L	< 1
Endosulfan I	8081	ug/L	< 0.5
Dieldrin	8081	ug/L	< 0.3
p,p'-DDE	8081	ug/L	< 1
Endrin	8081	ug/L	< 1
Endosulfan II	8081	ug/L	< 1
p,p'-DDD	8081	ug/L	< 0 5
Endrin aldehyde	8081	ug/L	< 1
Endosulfan sulfate	8081	ug/L	< 1
p,p'-DDT	8081	ug/L	< 1
Endrin ketone	8081	ug/L	< 1
Methoxychlor	8081	ug/L	< 1
Toxaphene	8081	ug/L	< 30
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	105
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8132
Sample Designation	CO-MW-4S
Date Collected	10/26/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	57
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	7.4
1,2-Dichlorobenzene	8021	ug/L	1.6
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	11
Toluene	8021	ug/L	1.1
Ethylbenzene	8021	ug/L	29
Total Xylenes	8021	ug/L	61
Total VOA	8021	ug/L	102.1
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	67
Nitrate	300.0	mg/L	0.04
Sulfate	300.0	mg/L	92
Sulfide	376.1	mg/L	9.5
Total Organic Carbon	415.1	mg/L	21
Biochemical Oxygen Demand (BOD)	405.1	mg/L	32
Chemical Oxygen Demand (COD)	410.1	mg/L	64

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8133
Sample Designation			CO-MW-104S
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	105
a-BHC	8081	ug/L	9.3
b-BHC	8081	ug/L	11
Lindane	8081	ug/L	< 0.5
d-BHC	8081	ug/L	33
Heptachlor	8081	ug/L	< 0.4
Aldrin	8081	ug/L	< 0.4
Heptachlor epoxide	8081	ug/L	< 0.5
a-Chlordane	8081	ug/L	< 1
g-Chlordane	8081	ug/L	< 1
Endosulfan I	8081	ug/L	< 0.5
Dieldrin	8081	ug/L	< 0.3
p,p'-DDE	8081	ug/L	< 1
Endrin	8081	ug/L	< 1
Endosulfan II	8081	ug/L	< 1
p,p'-DDD	8081	ug/L	< 0.5
Endrin aldehyde	8081	ug/L	< 1
Endosulfan sulfate	8081	ug/L	< 1
p,p'-DDT	8081	ug/L	< 1
Endrin ketone	8081	ug/L	< 1
Methoxychlor	8081	ug/L	< 1
Toxaphene	8081	ug/L	< 30
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	105
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1.0

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Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs	8133
Sample Designation	CO-MW-104S
Date Collected	10/26/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	<1.0
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	**56**
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	**7.6**
1,2-Dichlorobenzene	8021	ug/L	**1.7**
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	**11**
Toluene	8021	ug/L	**1.2**
Ethylbenzene	8021	ug/L	**29**
Total Xylenes	8021	ug/L	**62**
Total VOA	8021	ug/L	**103.2**

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number: 001025.01

Task Environmental Consultants, Inc.

Project Description: Chevron Orlando

November 27, 2000

SunLabs			8134
Sample Designation			CO-MW-4D
Date Collected			10/26/00
Parameters	**Method**	**Units**	**Results**
Organochlorine Pesticides by EPA Method 8081			
Date Extracted			10/27/00
Date Analyzed			10/31/00
Surrogate	8081	%	75
a-BHC	8081	ug/L	4.4
b-BHC	8081	ug/L	3.3
Lindane	8081	ug/L	< 0.5
d-BHC	8081	ug/L	9.4
Heptachlor	8081	ug/L	< 0.4
Aldrin	8081	ug/L	< 0.4
Heptachlor epoxide	8081	ug/L	< 0.5
a-Chlordane	8081	ug/L	< 1
g-Chlordane	8081	ug/L	< 1
Endosulfan I	8081	ug/L	< 0.5
Dieldrin	8081	ug/L	< 0.3
p,p'-DDE	8081	ug/L	< 1
Endrin	8081	ug/L	< 1
Endosulfan II	8081	ug/L	< 1
p,p'-DDD	8081	ug/L	< 0.5
Endrin aldehyde	8081	ug/L	< 1
Endosulfan sulfate	8081	ug/L	< 1
p,p'-DDT	8081	ug/L	< 1
Endrin ketone	8081	ug/L	< 1
Methoxychlor	8081	ug/L	< 1
Toxaphene	8081	ug/L	< 30
Volatile Aromatics and Halocarbons by Method 8021			
Date Analyzed			10/31/00
Surrogate	8021	%	104
Dichlorodifluoromethane	8021	ug/L	<1.0
Chloromethane	8021	ug/L	<1.0
Vinyl chloride	8021	ug/L	<1.0
Bromomethane	8021	ug/L	<1.0
Chloroethane	8021	ug/L	<1.0
Trichlorofluoromethane	8021	ug/L	<1.0
1,1-Dichloroethene	8021	ug/L	<1.0
Methylene chloride	8021	ug/L	<10
trans-1,2-Dichlorothene	8021	ug/L	<1 0

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number
001025.01

Task Environmental Consultants, Inc.

Project Description
Chevron Orlando

November 27, 2000

SunLabs	8134
Sample Designation	CO-MW-4D
Date Collected	10/26/00

Parameters	Method	Units	Results
Volatile Aromatics and Halocarbons by Method 8021			
1,1-Dichloroethane	8021	ug/L	2.7
Chloroform	8021	ug/L	<1.0
1,1,1-Trichloroethane	8021	ug/L	<1.0
Carbon tetrachloride	8021	ug/L	<1.0
1,2-Dichloroethane	8021	ug/L	<1.0
Trichloroethene	8021	ug/L	<1.0
1,2-Dichloropropane	8021	ug/L	<1.0
Bromodichloromethane	8021	ug/L	<1.0
cis-1,3-Dichloropropene	8021	ug/L	<1.0
trans-1,3-Dichloropropene	8021	ug/L	<1.0
1,1,2-Trichloroethane	8021	ug/L	<1.0
Tetrachloroethene	8021	ug/L	<1.0
Dibromochloromethane	8021	ug/L	<1.0
Chlorobenzene	8021	ug/L	39
Bromoform	8021	ug/L	<1.0
1,1,2,2-Tetrachloroethane	8021	ug/L	<1.0
1,3-Dichlorobenzene	8021	ug/L	<1.0
1,4-Dichlorobenzene	8021	ug/L	15
1,2-Dichlorobenzene	8021	ug/L	4.9
MTBE	8021	ug/L	<5.0
Benzene	8021	ug/L	19
Toluene	8021	ug/L	10
Ethylbenzene	8021	ug/L	230
Total Xylenes	8021	ug/L	620
Total VOA	8021	ug/L	879
Chevron Orlando Inorganic Parameters			
Alkalinity	310.1	mg/L	6.3
Nitrate	300.0	mg/L	<0.002
Sulfate	300.0	mg/L	18
Sulfide	376.1	mg/L	4.7
Total Organic Carbon	415.1	mg/L	48
Biochemical Oxygen Demand (BOD)	405.1	mg/L	11
Chemical Oxygen Demand (COD)	410.1	mg/L	110

FDEP CompQAP 970077

Report of Laboratory Analysis

SunLabs Project Number

001025.01

Task Environmental Consultants, Inc.

Project Description

Chevron Orlando

November 27, 2000

Footnotes

LCS	*Laboratory Control Sample*
LCSD	*Laboratory Control Sample Duplicate*
MB	*Method Blank*
MS	*Matrix Spike*
MSD	*Matrix Spike Duplicate*
RPD	*Relative Percent Difference*

FDEP CompQAP 970077

Quality Control Data

Batch No: B1138

TestCode: 8081-w

Associated Samples

8099, 8100, 8101, 8102, 8103, 8104, 8105, 8106, 8107, 8108, 8115, 8116, 8117, 8118, 8119, 8120, 8121

Compound	Method Blanks 1	2	3	4	5	LCS	LCSD	RPD	MS	MSD	RPD	Duplicate
Date	10/31/00											
Parent Sample Number												
Date Extracted	10/26/00											
Date Analyzed	10/30/00											
Surrogate	65											
a-BHC	<0.04											
b-BHC	<0.05											
Lindane	<0.05					85	89	9%				
d-BHC	<0.03											
Heptachlor	<0.04					75	82	9%				
Aldrin	<0.04					63	71	12%				
Heptachlor epoxide	<0.05											
a-Chlordane	<0.1											
g-Chlordane	<0.1											
Endosulfan I	<0.05											
Dieldrin	<0.03					87	92	6%				
p,p'-DDE	<0.10											
Endrin	<0.10					95	100	5%				
Endosulfan II	<0.10											
p,p'-DDD	<0.05											
Endrin aldehyde	<0.10											
Endosulfan sulfate	<0.10											
p,p'-DDT	<0.10					105	104	1%				
Endrin ketone	<0.10											
Methoxychlor	<0.10											
Toxaphene	<3.0											

SunLabs, Inc.

PO Box 260454
Tampa, FL 33685

Phone [illegible]
Fax [illegible]
email [illegible]

Quality Control Data

Batch No: B1139

TestCode: 8081-w

Associated Samples
8102, 8122, 8123, 8124, 8125, 8126, 8127, 8128, 8129, 8130, 8131, 8132, 8133, 8134

Compound	Method Blanks 1	2	3	4	5	LCS	LCSD	RPD	MS	MSD	RPD	Duplicate
Date	10/31/00											
Parent Sample Number												
Date Extracted	10/24/00											
Date Analyzed	10/30/00											
Surrogate	81											
a-BHC	<0.04											
b-BHC	<0.05											
Lindane	<0.05					80	91	13%				
d-BHC	<0.03											
Heptachlor	<0.04					73	84	14%				
Aldrin	<0.04					62	71	14%				
Heptachlor epoxide	<0.05											
a-Chlordane	<0.1											
g-Chlordane	<0.1											
Endosulfan I	<0.05											
Dieldrin	<0.03					86	89	3%				
p,p'-DDE	<0.10											
Endrin	<0.10					93	95	2%				
Endosulfan II	<0.10											
p,p'-DDD	<0.05											
Endrin aldehyde	<0.10											
Endosulfan sulfate	<0.10											
p,p'-DDT	<0.10					92	80	14%				
Endrin ketone	<0.10											
Methoxychlor	<0.10											
Toxaphene	<3.0											

SunLabs,Inc.
P.O. Box 260454
Tampa, FL 33685
Phone 813 [illegible]
Fax 813 [illegible]
email: sunlabs@[illegible]

Quality Control Data

Batch No: B1141

TestCode: 8021-w Short

Associated Samples

8099, 8100, 8101, 8102, 8103, 8104, 8105, 8106, 8107, 8108, 8115, 8116, 8117, 8119, 8120, 8121, 8122, 8123

Compound	Method Blanks 1	2	3	4	5	LCS	LCSD	RPD	MS	MSD	RPD	Duplicate
Date	10/30/00	10/31/00										
Parent Sample Number									8099	8099		
Date Analyzed	10/30/00	10/31/00				10/30/0	10/30/	0%	10/30/	10/30/	0%	
Surrogate	112	112										
Dichlorodifluoromethane	<1.0	<1.0										
Chloromethane	<1.0	<1.0										
Vinyl chloride	<1.0	<1.0										
Bromomethane	<1.0	<1.0										
Chloroethane	<1.0	<1.0										
Trichlorofluoromethane	<1.0	<1.0										
1,1-Dichloroethene	<1.0	<1.0				110	104	6%	127	129	2%	
Methylene chloride	<10	<10										
trans-1,2-Dichlorothene	<1.0	<1.0										
1,1-Dichloroethane	<1.0	<1.0										
Chloroform	<1.0	<1.0										
1,1,1-Trichloroethane	<1.0	<1.0										
Carbon tetrachloride	<1.0	<1.0										
1,2-Dichloroethane	<1.0	<1.0										
Trichloroethene	<1.0	<1.0				110	110	0%	112	116	4%	
1,2-Dichloropropane	<1.0	<1.0										
Bromodichloromethane	<1.0	<1.0										
cis-1,3-Dichloropropene	<1.0	<1.0										
trans-1,3-Dichloropropene	<1.0	<1.0										
1,1,2-Trichloroethane	<1.0	<1.0										
Tetrachloroethene	<1.0	<1.0										
Dibromochloromethane	<1.0	<1.0										
Chlorobenzene	<1.0	<1.0				109	109	0%	107	110	3%	
Bromoform	<1.0	<1.0										
1,1,2,2-Tetrachloroethane	<1.0	<1.0										
1,3-Dichlorobenzene	<1.0	<1.0										
1,4-Dichlorobenzene	<1.0	<1.0										
1,2-Dichlorobenzene	<1.0	<1.0										
MTBE	<5.0	<5.0										
Benzene	<0.9	<0.9				119	115	3%	115	114	1%	
Toluene	<1.0	<1.0				121	118	3%	116	120	3%	
Ethylbenzene	<1.1	<1.1										
Total Xylenes	<1.1	<1.1										
Total VOA	<0.9	<0.9										

SunLabs,Inc.

P.O. Box 260454
Tampa, FL 33685

Phone 813 [illegible]
Fax 813 [illegible]
email: [illegible]

Quality Control Data

Batch No: B1142

TestCode: 8021-w Short

Associated Samples
8118, 8124, 8125, 8126, 8127, 8128, 8129, 8130, 8131, 8132, 8133, 8134

Compound	Method Blanks 1	2	3	4	5	LCS	LCSD	RPD	MS	MSD	RPD	Duplicate
Date	10/31/00	11/1/00										
Parent Sample Number									8124	8124		
Date Analyzed	10/31/00	11/1/00				10/31/0	10/31/	0%	10/31/	10/31/	0%	
Surrogate	102	101										
Dichlorodifluoromethane	<1.0	<1.0										
Chloromethane	<1.0	<1.0										
Vinyl chloride	<1.0	<1.0										
Bromomethane	<1.0	<1.0										
Chloroethane	<1.0	<1.0										
Trichlorofluoromethane	<1.0	<1.0										
1,1-Dichloroethene	<1.0	<1.0				132	140	6%	130	141	8%	
Methylene chloride	<10	<10										
trans-1,2-Dichlorothene	<1.0	<1.0										
1,1-Dichloroethane	<1.0	<1.0										
Chloroform	<1.0	<1.0										
1,1,1-Trichloroethane	<1.0	<1.0										
Carbon tetrachloride	<1.0	<1.0										
1,2-Dichloroethane	<1.0	<1.0										
Trichloroethene	<1.0	<1.0				106	112	6%	106	111	3%	
1,2-Dichloropropane	<1.0	<1.0										
Bromodichloromethane	<1.0	<1.0										
cis-1,3-Dichloropropene	<1.0	<1.0										
trans-1,3-Dichloropropene	<1.0	<1.0										
1,1,2-Trichloroethane	<1.0	<1.0										
Tetrachloroethene	<1.0	<1.0										
Dibromochloromethane	<1.0	<1.0										
Chlorobenzene	<1.0	<1.0				98	106	8%	103	107	4%	
Bromoform	<1.0	<1.0										
1,1,2,2-Tetrachloroethane	<1.0	<1.0										
1,3-Dichlorobenzene	<1.0	<1.0										
1,4-Dichlorobenzene	<1.0	<1.0										
1,2-Dichlorobenzene	<1.0	<1.0										
MTBE	<5.0	<5.0										
Benzene	<0.9	<0.9				116	120	3%	120	124	3%	
Toluene	<1.0	<1.0				112	118	5%	112	116	4%	
Ethylbenzene	<1.1	<1.1										
Total Xylenes	<1.1	<1.1										
Total VOA	<0.9	<0.9										

SunLabs,Inc.
P.O. Box 260454
Tampa, FL 33685
Phone [illegible]
Fax [illegible]
email [illegible]

Quality Control Data

Batch No: B1167

TestCode: Chevron Orlando Inorg

Associated Samples

8099, 8101, 8102, 8104, 8105, 8107, 8116, 8117, 8118, 8119, 8120, 8124, 8125, 8126, 8127, 8130, 8131, 8132, 8134

Compound	Method Blanks 1	2	3	4	5	LCS	LCSD	RPD	MS	MSD	RPD	Duplicate
Date	11/21/00											
Parent Sample Number												
Alkalinity	<2.0								91	94	3%	
Nitrate	<0.002								98	99	1%	
Sulfate	<0.02								107	103	4%	
Sulfide	<0.1								86	84	2%	
Total Organic Carbon	<1.0								102	101	1%	
Biochemical Oxygen Demand (BOD)	<1.0								103			
Chemical Oxygen Demand (COD)	<10								95	92	3%	

SunLabs,Inc.

P.O. Box 260454
Tampa, FL 33685

Phone 813 [illegible]
Fax 813 [illegible]
email [illegible]

3207

SunLabs, Inc. Chain of Custody

Client Name: TASK ENVIRONMENTAL/S. TOBIN
Contact: Sol S. BLVD
Address: TAMPA FL 33606

Phone #: (813) 254-8858
FAX #: (813) 254-8484

SunLabs Project # 001025.01

Project Name: CHEVRON ORLANDO
Project #: F0126
PO #:
Alt Bill To:

Bottle Type	GL	GL	PT	PT	PT	GL				
Preservative	H	I	S	I	O	S				
Matrix										
Analyses / Method Requested	8021	8081	COD	NITRIC/SULFATE/TALK	SULFIDE	TOC				

SunLabs Sample #	Sample Description	Sample Date	Sample Time	# of Bottles	8021	8081	COD	NITRIC/SULFATE/TALK	SULFIDE	TOC				
8099	CO-MW-12	10/24/00	1040	8	3	1	1	1	1	1				
8100	CO-MW-112	10/24/00	1045	4	3	1								
8101	CO-MW-15	10/24/00	1150	8	3	1	1	1	1	1				
8102	CO-MW-6D	10/24/00	1245	8	3	1	1	1	1	1				
8103	CO-MW-106D	10/24/00	1250	4	3	1								
8104	CO-MW-6S	10/24/00	1315	8	3	1	1	1	1	1				
8105	CO-MW-5D	10/24/00	1600	8	3	1	1	1	1	1				
8106	CO-MW-105D	10/24/00	1605	4	3	1								
8107	CO-MW-5S	10/24/00	1630	8	3	1	1	1	1	1				
8108	CO-MW-16S	10/24/00	1745	4	3	1								

Due Date Requested:

Remarks / Comments:
O = ENAL + NaOH

Sampler Signature / Date: [signature] / 10/24/00

Printed Name / Affiliation: DOUGLAS C. COLEMAN / TASK

Internal Use Only
Shipping Info:
Shipping Method:
Airbill #:
PIF#:
Cooler Temp: _____ C

Matrix Codes:
A = Air
DW = Drinking Water
GW = Ground Water
SE = Sediment
SO = Soil
SW = Surface Water
W = Water (Blanks)
O = Other (Specify)

Preservative Codes:
H = Hydrochloric Acid + Ice
I = Ice only
N = Nitric Acid + Ice
S = Sulfuric Acid + Ice
O = Other (Specify)

SUNLABS, INC. RESERVES THE RIGHT TO BILL FOR UNUSED / UNRETURNED SAMPLE KITS AND TO RETURN UNUSED SAMPLES.

Relinquished By:	Relinquished To:	Date:	Time:
[signature]			
Print Name / Affiliation:			
Relinquished By: [signature]	Relinquished To: Fed Ex	Date: 10/24/00	Time:
Print Name / Affiliation: DOUGLAS C. COLEMAN / TASK			
Relinquished By: Fed Ex	Relinquished To: [signature]	Date: 10/24/00	Time: 1500
Print Name / Affiliation:			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			

SunLabs, Inc. Chain of Custody

Client Name: TASK
Contact: S. TOBIN
Address: 501 S. BLVD.
TAMPA, FL 33606
Phone #: (813) 254-8838
FAX #: (813) 254-8484

SunLabs Project # 001026.01

Project Name: CHEVRON ORLANDO
Project #: E0126
PO #:
Alt Bill To:

Due Date Requested:

Remarks / Comments:
O = ZnAc + NaOH

SunLabs Sample #	Sample Description	Sample Date	Sample Time	# of Bottles	8021	8081	TOC	COD	SULFIDE	NITRATE/BOL SULFATE/ALK				
Bottle Type					GL	GL	GL	PJ	PJ	PJ				
Preservative					H	I	I	S	O	I				
Matrix					GW	GW	GW	GW	GW	GW				
8115	CO-MW-16D	10/25/00	0740	4	3	1								
8116	CO-MW-8S	10/25/00	1050	8	3	1	1	1	1	1				
8117	CO-MW-8D	10/25/00	1110	8	3	1	1	1	1	1				
8118	CO-MW-9D	10/25/00	1155	8	3	1	1	1	1	1				
8119	CO-MW-10S	10/25/00	1235	8	3	1	1	1	1	1				
8120	CO-MW-10D	10/25/00	1300	8	3	1	1	1	1	1				
8121	CO-EQ-1	10/25/00	0930	4	3	1								
8122	CO-EQ 2	10/25/00	1255	4	3	1								
8123	CO-MW-FB	10/25/00	1250	4	3	1								
8124	CO-MW-1S	10/25/00	1615	8	3	1	1	1	1	1				
8125	CO-MW-1D	10/25/00	1635	8	3	1	1	1	1	1				
8126	CO-MW-2S	10/25/00	1655	8	3	1	1	1	1	1				
8127	CO-MW-2D	10/25/00	1715	8	3	1	1	1	1	1				
8128	CO-MW-17	10/25/00	1440	4	3	1								

Sampler Signature / Date: Douglas C. Coleman / 10/25/00

Printed Name / Affiliation: DOUGLAS C. COLEMAN / TASK

SUNLABS, INC. RESERVES THE RIGHT TO BILL FOR UNUSED / UNRETURNED SAMPLE KITS AND TO RETURN UNUSED SAMPLES.

Internal Use Only
Shipping Info:
Shipping Method: Airbill #:
PIF#: Cooler Temp. C.

Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			
Relinquished By: Douglas C. Coleman	Relinquished To: [illegible]	Date: 10/25/00	Time: 10:40
Print Name / Affiliation: DOUGLAS C. COLEMAN / TASK			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			

Matrix Codes:
A = Air
DW = Drinking Water
GW = Ground Water
SE = Sediment
SO = Soil
SW = Surface Water
W = Water (Blanks)
O = Other (Specify)

Preservative Codes:
H = Hydrochloric Acid + Ice
I = Ice only
N = Nitric Acid + Ice
S = Sulfuric Acid + Ice
O = Other (Specify)

19 3251

SunLabs, Inc. Chain of Custody

Client Name: TASK ENVIRONMENTAL
Contact: SUSAN TOBIN
Address: 501 SOUTH BLVD.
TAMPA, FL 33606
Phone #: (813) 254-8838
FAX #: (813) 254-8484

SunLabs Project # 001025-01

Project Name: CHEVRON ORLANDO
Project #: F 0126
PO #:
Alt Bill To:

Bottle Type	GL	GL	GL	PJ	PJ	PJ				
Preservative	H	I	I	S	O	I				
Matrix	GW	GW	GW	GW	GW	GW				
Analyses / Method Requested	8021	8081	TOC	COD	SULFIDE	NITRATE/BOLT SULFATE/ALK	MS	MSD		

SunLabs Sample #	Sample Description	Sample Date	Sample Time	# of Bottles	8021	8081	TOC	COD	SULFIDE	NITRATE/BOLT SULFATE/ALK	MS	MSD		
8129	CO-MW-EQ3	10/26/00	0945	3	2	1								
~~8130~~	CO-MW-3S-LAB	10/26/00	1000	2							1	1		
8130	CO-MW-3S	10/26/00	1010	8	3	1	1	1	1	1				
~~8132~~ 8131	CO-MW-3D	10/26/00	1025	8	3	1	1	1	1	1				
8132	CO-MW-4S	10/26/00	1055	8	3	1	1	1	1	1				
8133	CO-MW-104S	10/26/00	1100	4	3	1								
8134	CO-MW-4D	10/26/00	1125	8	3	1	1	1	1	1				

Due Date Requested:

Remarks / Comments:
O = ZnAc and NaOH
MS = MATRIX SPIKE
MSD = MATRIX SPIKE DUP.

Sampler Signature / Date: [signature] / 10/26/00

Printed Name / Affiliation: DOUGLAS C. COLEMAN / TASK

Internal Use Only
Shipping Info:
Shipping Method:
Airbill #:
PIF#:
Cooler Temp: 4 C

SUNLABS, INC. RESERVES THE RIGHT TO BILL FOR UNUSED / UNRETURNED SAMPLE KITS AND TO RETURN UNUSED SAMPLES.

Relinquished By:	Relinquished To:	Date:	Time:
[signature]	[signature]	10/26/00	1600
Print Name / Affiliation: DOUGLAS C. COLEMAN / TASK			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			
Relinquished By:	Relinquished To:	Date:	Time:
Print Name / Affiliation:			

Matrix Codes:
A = Air
DW = Drinking Water
GW = Ground Water
SE = Sediment
SO = Soil
SW = Surface Water
W = Water (Blanks)
O = Other (Specify)

Preservative Codes:
H = Hydrochloric Acid + Ice
I = Ice only
N = Nitric Acid + Ice
S = Sulfuric Acid + Ice
O = Other (Specify)

Appendix B. Columbia Analytical Services Data Sheets

Columbia Analytical Services data reports for groundwater samples collected in October 2000.

Columbia Analytical Services INC.
An Employee-Owned Company

November 07, 2000

Service Request No. J2003580

Certification Numbers:

Florida DOH:	E82502
Louisiana:	AI 30759
Massachusetts:	M-FL937
New Hampshire:	294297-A
North Carolina:	527
South Carolina:	96021001

Susan Tobin
TASK Environmental Inc.
501 South Boulevard
Tampa, FL 33606

RE: Project No.: CO126
Project Name: Chevron Orlando

Dear Susan Tobin:

Enclosed are the results of the samples(s) submitted to our laboratory on October 25, 2000. For your reference, these analyses have been assigned our service request number: J2003580.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in the entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Travis Trader
Project Manager

RECEIVED NOV 1 0 2000

TT/jg

8540 Baycenter Rd. ▪ Jacksonville, FL 32256 ▪ (904) 739-2277 ▪ Fax (904) 739-2011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / CO126
Sample Matrix: Ground Water

Service Request: J2003580
Date Collected: 10/24/00
Date Received: 10/25/00
Date Extracted: NA

Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B
Units: µg/L (ppb)

		Sample Name:	**CO-MW-12**	**CO-MW-6D**	**CO-MW-5D**
		Lab Code:	J2003580-001	J2003580-002	J2003580-003
		Date Analyzed:	11/1/00	11/1/00	11/1/00
Analyte	**MRL**				
Dichlorodifluoromethane (CFC 12)	1		U	U	U
Chloromethane	1		U	U	U
Vinyl Chloride	1		U	U	U
Bromomethane	1		U	U	U
Chloroethane	1		U	U	U
Trichlorofluoromethane (CFC 11)	1		U	U	U
1,1-Dichloroethene	1		U	U	U
Methylene Chloride	5		U	U	U
Methyl-tert-butyl ether (MTBE)	1		U	U	U
cis -1,2-Dichloroethene	1		U	U	U
trans -1,2-Dichloroethene	1		U	U	U
1,1-Dichloroethane	1		U	U	U
Chloroform	1		U	U	U
1,1,1-Trichloroethane (TCA)	1		U	U	U
Carbon Tetrachloride	1		U	U	U
Benzene	1		U	U	U
1,2-Dichloroethane	1		U	U	U
Trichloroethene (TCE)	1		U	U	U
1,2-Dichloropropane	1		U	U	U
Bromodichloromethane	1		U	U	U
trans -1,3-Dichloropropene	1		U	U	U
Toluene	1		U	U	U
cis -1,3-Dichloropropene	1		U	U	U
1,1,2-Trichloroethane	1		U	U	U
Tetrachloroethene (PCE)	1		U	U	U
Dibromochloromethane	1		U	U	U
Chlorobenzene	1		U	U	U
Ethylbenzene	1		U	U	U
Total Xylenes	3		U	U	U
Bromoform	1		U	U	U
1,1,2,2-Tetrachloroethane	1		U	U	U
1,3-Dichlorobenzene	1		U	U	U
1,4-Dichlorobenzene	1		U	U	U
1,2-Dichlorobenzene	1		U	U	U

U Not detected at or above the MRL

Approved By: Tuvin Trocks Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / CO126
Sample Matrix: Ground Water

Service Request: J2003580
Date Collected: NA
Date Received: NA
Date Extracted: NA

Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B
Units: µg/L (ppb)

Sample Name:	**Method Blank**
Lab Code:	J201031-MB
Date Analyzed:	11/1/00

Analyte	**MRL**	
Dichlorodifluoromethane (CFC 12)	1	U
Chloromethane	1	U
Vinyl Chloride	1	U
Bromomethane	1	U
Chloroethane	1	U
Trichlorofluoromethane (CFC 11)	1	U
1,1-Dichloroethene	1	U
Methylene Chloride	5	U
Methyl-tert-butyl ether (MTBE)	1	U
cis -1,2-Dichloroethene	1	U
trans -1,2-Dichloroethene	1	U
1,1-Dichloroethane	1	U
Chloroform	1	U
1,1,1-Trichloroethane (TCA)	1	U
Carbon Tetrachloride	1	U
Benzene	1	U
1,2-Dichloroethane	1	U
Trichloroethene (TCE)	1	U
1,2-Dichloropropane	1	U
Bromodichloromethane	1	U
trans -1,3-Dichloropropene	1	U
Toluene	1	U
cis -1,3-Dichloropropene	1	U
1,1,2-Trichloroethane	1	U
Tetrachloroethene (PCE)	1	U
Dibromochloromethane	1	U
Chlorobenzene	1	U
Ethylbenzene	1	U
Total Xylenes	3	U
Bromoform	1	U
1,1,2,2-Tetrachloroethane	1	U
1,3-Dichlorobenzene	1	U
1,4-Dichlorobenzene	1	U
1,2-Dichlorobenzene	1	U

U Not detected at or above the MRL

Approved By: Tracie Tucker Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / CO126
Sample Matrix: Ground Water

Service Request: J2003580
Date Collected: 10/24/00
Date Received: 10/25/00
Date Extracted: 10/27/00

Organochlorine Pesticides
EPA Method 3510/8081
Units: µg/L (ppb)

	Sample Name:	**CO-MW-12**	**CO-MW-6D**	**CO-MW-5D**
	Lab Code:	J2003580-001	J2003580-002	J2003580-003
	Date Analyzed:	10/31/00	10/31/00	10/31/00
Analyte	**MRL**			
Alpha-BHC	0.02	U	U	U
Beta-BHC	0.02	U	U	U
Delta-BHC	0.02	U	U	U
Heptachlor	0.02	U	U	U
Aldrin	0.02	U	U	U
Gamma-BHC (Lindane)	0.02	U	U	U
Heptachlor Epoxide	0.02	U	U	U
Endosulfan I	0.02	U	U	U
Endrin	0.02	U	U	U
Endosulfan II	0.02	U	U	U
4,4'-DDD	0.02	U	U	U
Endrin Aldehyde	0.02	U	U	U
Endosulfan Sulfate	0.02	U	U	U
4,4'-DDT	0.02	U	U	U
4,4'-DDE	0.02	U	U	U
Dieldrin	0.02	U	0.041	U
Methoxychlor	0.05	U	U	U
Chlordane	0.05	U	U	U
Toxaphene	0.2	U	U	U

U Not detected at or above the MRL.

Approved By: Travis Tucker Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003580
Project:	Chevron Orlando / CO126	**Date Collected:**	10/24/00
Sample Matrix:	Ground Water	**Date Received:**	10/25/00
		Date Extracted:	10/27/00

Organochlorine Pesticides
EPA Method 3510/8081
Units: µg/L (ppb)

	Sample Name:	**Method Blank**
	Lab Code:	EX200463-MB
	Date Analyzed:	10/31/00
Analyte	**MRL**	
Alpha-BHC	0.02	U
Beta-BHC	0.02	U
Delta-BHC	0.02	U
Heptachlor	0.02	U
Aldrin	0.02	U
Gamma-BHC (Lindane)	0.02	U
Heptachlor Epoxide	0.02	U
Endosulfan I	0.02	U
Endrin	0.02	U
Endosulfan II	0.02	U
4,4'-DDD	0.02	U
Endrin Aldehyde	0.02	U
Endosulfan Sulfate	0.02	U
4,4'-DDT	0.02	U
4,4'-DDE	0.02	U
Dieldrin	0.02	U
Methoxychlor	0.05	U
Chlordane	0.05	U
Toxaphene	0.2	U

U Not detected at or above the MRL.

Approved By: Travis Trader Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003580
Project:	Chevron Orlando / CO126	**Date Collected:**	10/24/00
Sample Matrix:	Ground Water	**Date Received:**	10/25/00
		Date Extracted:	NA
		Date Analyzed:	11/1/00

Surrogate Recovery Summary
Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B

Sample Name	**Lab Code**	**Percent Recovery** α,α,α-Trifluorotoluene	**Percent Recovery** Bromochloromethane
CO-MW-12	J2003580-001	101	127
CO-MW-6D	J2003580-002	111	145(a)
CO-MW-5D	J2003580-003	111	142(a)
Method Blank	J201031-MB	101	128
Laboratory Control Sample	J201031-LCS	96	92
Laboratory Control Sample Duplicate	J201031-LCSD	94	96
	CAS Acceptance Limits:	78-119	70-130

a Outside of acceptance limits. Since no target analytes were detected in the sample, it is the opinion of CAS that the quality of the sample data has not been significantly affected by the elevated recovery.

Approved By: Travis Tuckler Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / CO126
Sample Matrix: Water

Service Request: J2003580
Date Collected: NA
Date Received: NA
Date Extracted: NA
Date Analyzed: 11/1/00

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

Analyte	Spike Level LCS	Spike Level LCSD	Spike Result LCS	Spike Result LCSD	Percent Recovery LCS	Percent Recovery LCSD	CAS Acceptance Limits	Relative Percent Difference	CAS RPD Acceptance Limit
1,1-Dichloroethene	50	50	44	46	88	92	47-128	4	30
Trichloroethene	50	50	43	45	86	90	62-128	5	30
Tetrachloroethene	50	50	44	45	88	90	61-121	2	30
Benzene	50	50	49	48	98	96	56-135	2	30
Toluene	50	50	49	48	98	96	43-132	2	30
Ethylbenzene	50	50	46	48	92	96	40-142	4	30

U Not detected at or above the MRL

Approved By: Terri Tessler Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003580
Project:	Chevron Orlando / CO126	**Date Collected:**	10/24/00
Sample Matrix:	Ground Water	**Date Received:**	10/25/00
		Date Extracted:	10/27/00
		Date Analyzed:	10/31/00

Surrogate Recovery Summary
Organochlorine Pesticides
EPA Method 3510/8081

Sample Name	**Lab Code**	**Percent Recovery** Tetrachloro-*m*-xylene
CO-MW-12	J2003580-001	24 (a)
CO-MW-6D	J2003580-002	36
CO-MW-5D	J2003580-003	45
Method Blank	EX200463-MB	61
Laboratory Control Sample	EX200463-LCS	56
Duplicate Laboratory Control Sample	EX200463-LCSD	53

CAS Acceptance Limits: 26-124

(a) Outside of acceptance limits because of matrix effects. The sample produced an emulsion during the preparation steps.

Approved By: Tuvis Tucker Date: 11/7/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / CO126
Sample Matrix: Water

Service Request: J2003580
Date Collected: NA
Date Received: NA
Date Extracted: 10/27/00
Date Analyzed: 10/31/00

Laboratory Control Sample Summary
Organochlorine Pesticides
EPA Method 3510/8081
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

	Spike Level		Spike Result		Percent Recovery			
Analyte	**LCS**	**DLCS**	**LCS**	**DLCS**	**LCS**	**DLCS**	**CAS Acceptance Limits**	**Relative Percent Difference**
Heptachlor	0.10	0.10	0.074	0.064	74	64	27-130	14
Aldrin	0.10	0.10	0.074	0.061	74	61	28-127	19
Gamma-BHC (Lindane)	0.10	0.10	0.071	0.060	71	60	28-127	17
Endrin	0.10	0.10	0.077	0.074	77	74	27-153	4
4,4'-DDT	0.10	0.10	0.101	0.085	101	85	27-151	17
Dieldrin	0.10	0.10	0.064	0.060	64	60	29-142	6

U Not detected at or above the MRL.

Approved By: Tunis Tuda Date: 11/7/00

Cooler Receipt and Preservation Form

Project/Client: Chevron Orlando/TASK Environmental Inc. **SR Number:** J2003580

Cooler received on 10/25/00 by: THT

Courier: CAS ☐ UPS ☐ FEDEX ☒
CLIENT ☐ CD&L ☐ OTHER ☐

	Yes	No	N/A
1. Were custody seals on the outside of the cooler?	☒	☐	☐
2. Were custody papers properly filled out(ink, singed, ect.)?	☒	☐	☐
3. Did all bottles arrive in good condition(unbroken)?	☒	☐	☐
4. Did any VOA vials contain significant air bubbles?	☐	☒	☐
5. Where ice of ice packs present?	☒	☐	☐
6. Did all samples arrive within appropriate holding times?	☒	☐	☐
7. Where did the bottles originate? CAS/JAX	☒	CLIENT	☐

8. Temperature of cooler(s) upon receipt/within 0-6C?:

	Temp.	Yes	No	N/A		Temp.	Yes	No	N/A
Cooler 1:	4.6 C	☒	☐	☐	Cooler 3:		☐	☐	☐
Cooler 2:		☐	☐	☐	Cooler 4:		☐	☐	☐

Date/Time Temperature Taken: 10/25/00 10:30 **If No/NA, Explain**

Themometer ID: 2618380101-0015 Temp Blank: ☐ Cooler Temp.: ☒
Sample Bottle: ☐ IR. Gun: ☒

If out of temperature, client approval to run samples

Cooler Breakdown: Date: 10/25/00 By: THT

	Yes	No	N/A
1. Were all the bottle labels complete(i.e. analysis, preservation, ect.)	☒	☐	☐
2. Did all bottle labels and tags agree with custody papers?	☒	☐	☐
3. Were correct containers used for the test indicated?	☒	☐	☐

4. Air samples: Cassettes/Tubes Intact: ☐ Tedlar Bags Inflated: ☐
Canisters Pressurized: ☐ NA: ☒

Explain any discrepancies

		Yes	No	Sample ID	Reagent	Volume Added
pH	Reagent					
>12	NaOH					
>9	NaOH+ZnAc					
<2	HNO3					
<2	H2SO4					
<2	HCl					
5-9*	P/PCB (608 Only)					

* If pH adjustment is required, use NaOH/or H2SO4 PM OK to adjust pH_____

YES= All samples OK NO=Samples were preserved at lab as listed

VOC Vial pH Verification(Tested after Analysis) Following Samples Exhibited pH >2				

Other Comments:

Columbia Analytical Services
An Eng-Toyee-owned Company

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

8540 Baycenter Rd. • Jacksonville, FL 32256 • (904) 739-2277 • 800-695-7222 • FAX (904) 739-2011

DATE 10/24/00 PAGE 1 OF 1

PROJECT NAME CHEVRON ORLANDO

PROJECT # E0126

COMPANY/ADDRESS TASK ENVIRONMENTAL
501 SOUTH BLVD
TAMPA, FL 33606 PHONE (813) 254-8838

REPORT TO: S. TOBIN

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	SAMPLE MATRIX	NUMBER OF CONTAINERS	8021	8081															REMARKS
CO-MW-12	10/24/00	1040	GW	5	3	2															
CO-MW-~~15~~6D	10/24/00	1245	GW	5	3	2															
CO-MW-5D	10/24/00	1600	GW	5	3	2															

RELINQUISHED BY:	RECEIVED BY:
Signature: Douglas C. Coleman	Signature: Travis Trader
Printed Name: DOUGLAS COLEMAN	Printed Name: Travis Trader
Firm: TASK ENVIRONMENTAL	Firm: CAS
Date/Time	Date/Time: 10/25/00 1030

TURNAROUND REQUIREMENTS
- ___ 24 hr. ___ 48 hr. ___ 5 day
- ___ Standard (7-10 working days)
- ___ Provide Verbal Preliminary Results
- ___ Provide FAX Preliminary Results

Requested Report Date _____

REPORT REQUIREMENTS
- ___ I. Routine Report
- ___ II. Report (includes DUP.MAS. MSD, as required, may be charged as samples)
- ___ III. Data Validation Report (includes All Raw Data)
- ___ IV. CLP Deliverable Report

INVOICE INFORMATION:

P.O.# _____

Bill To _____

SAMPLE RECEIPT:

Shipping VIA: _____

Shipping to: _____

Condition: _____

Lab No: _____

RELINQUISHED BY:	RECEIVED BY:
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

SPECIAL INSTRUCTIONS/COMMENTS:

Temp. 4.6 °c

Douglas C. Coleman

SAMPLER'S SIGNATURE

3580

DISTRIBUTION: WHITE - return to originator; YELLOW - lab; PINK - retained by originator

Columbia Analytical Services INC.
An Employee-Owned Company

November 17, 2000

Service Request No. J2003632

Certification Numbers:

Florida DOH:	E82502
Louisiana:	AI 30759
Massachusetts:	M-FL937
New Hampshire:	294297-A
North Carolina:	527
South Carolina:	96021001

Susan Tobin
TASK Environmental Inc.
501 South Boulevard
Tampa, FL 33606

RE: Project No.: E0126
Project Name: Chevron Orlando

Dear S. Tobin:

Enclosed are the results of the samples(s) submitted to our laboratory on October 27, 2000. For your reference, these analyses have been assigned our service request number: J2003632.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in the entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions.

Respectfully submitted,

Columbia Analytical Services, Inc.

Travis Trader
Project Manager

TT/jg

8540 Baycenter Rd. ▪ Jacksonville, FL 32256 ▪ (904) 739-2277 ▪ Fax (904) 739-2011

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003632
Project:	Chevron Orlando / E0126	**Date Collected:**	10/26/00
Sample Matrix:	Water	**Date Received:**	10/27/00
		Date Extracted:	NA

Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B
Units: µg/L (ppb)

	Sample Name:	**CO-MW-4S**	**Method Blank**
	Lab Code:	J2003632-001	G5111020-MB
	Date Analyzed:	11/2/00	11/2/00
Analyte	**MRL**		
Dichlorodifluoromethane (CFC 12)	1	U	U
Chloromethane	1	U	U
Vinyl Chloride	1	U	U
Bromomethane	1	U	U
Chloroethane	1	U	U
Trichlorofluoromethane (CFC 11)	1	U	U
1,1-Dichloroethene	1	U	U
Methylene Chloride	5	U	U
Methyl-tert-butyl ether (MTBE)	1	U	U
cis -1,2-Dichloroethene	1	U	U
trans -1,2-Dichloroethene	1	U	U
1,1-Dichloroethane	1	U	U
Chloroform	1	U	U
1,1,1-Trichloroethane (TCA)	1	U	U
Carbon Tetrachloride	1	U	U
Benzene	1	10	U
1,2-Dichloroethane	1	U	U
Trichloroethene (TCE)	1	U	U
1,2-Dichloropropane	1	U	U
Bromodichloromethane	1	U	U
trans -1,3-Dichloropropene	1	U	U
Toluene	1	U	U
cis -1,3-Dichloropropene	1	U	U
1,1,2-Trichloroethane	1	U	U
Tetrachloroethene (PCE)	1	U	U
Dibromochloromethane	1	U	U
Chlorobenzene	1	64	U
Ethylbenzene	1	27	U
Total Xylenes	3	56	U
Bromoform	1	U	U
1,1,2,2-Tetrachloroethane	1	U	U
1,3-Dichlorobenzene	1	U	U
1,4-Dichlorobenzene	1	9	U
1,2-Dichlorobenzene	1	3	U

U Not detected at or above the MRL

Approved By: Tessie Tucker Date: 11/17/00

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / E0126
Sample Matrix: Ground Water

Service Request: J2003632
Date Collected: 10/26/00
Date Received: 10/27/00
Date Extracted: 11/1/00

Organochlorine Pesticides
EPA Method 3510/8081
Units: µg/L (ppb)

	Sample Name:	**CO-MW-4S**	**Method Blank**
	Lab Code:	J2003632-001 (a)	EX200475-MB
	Date Analyzed:	11/9/00	11/9/00
Analyte	**MRL**		
Alpha-BHC	0.02	2.9	U
Beta-BHC	0.02	3.1	U
Delta-BHC	0.02	8.2	U
Heptachlor	0.02	0.2U	U
Aldrin	0.02	0.2U	U
Gamma-BHC (Lindane)	0.02	0.2U	U
Heptachlor Epoxide	0.02	0.2U	U
Endosulfan I	0.02	0.2U	U
Endrin	0.02	0.2U	U
Endosulfan II	0.02	0.2U	U
4,4'-DDD	0.02	0.2U	U
Endrin Aldehyde	0.02	0.2U	U
Endosulfan Sulfate	0.02	0.2U	U
4,4'-DDT	0.02	0.2U	U
4,4'-DDE	0.02	0.2U	U
Dieldrin	0.02	0.2U	U
Methoxychlor	0.05	0.5U	U
Chlordane	0.05	0.5U	U
Toxaphene	0.2	2U	U

U Not detected at or above the MRL.
(a) MRL elevated due to matrix interferences. Dilution factor 1:10.

Approved By: Tracie Tucker Date: 11/17/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003632
Project:	Chevron Orlando / E0126	**Date Collected:**	10/26/00
Sample Matrix:	Water	**Date Received:**	10/27/00
		Date Extracted:	NA
		Date Analyzed:	11/2/00

Surrogate Recovery Summary
Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B

Sample Name	**Lab Code**	**Percent Recovery** α,α,α-Trifluorotoluene	**Percent Recovery** Bromochloromethane
CO-MW-4S	J2003632-001	87	116
Method Blank	G511102-MB	104	130
Laboratory Control Sample	G511102-LCS	97	94
Laboratory Control Sample Duplicate	G511102-LCSD	94	97
CAS Acceptance Limits:		78-119	70-130

Approved By: Tuvia Trodes Date: 11/17/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003632
Project:	Chevron Orlando / E0126	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	11/2/00

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
Halogenated and Aromatic Organic Compounds
EPA Method 5030/8021B
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

	Spike Level		Spike Result		Percent Recovery				
Analyte	**LCS**	**LCSD**	**LCS**	**LCSD**	**LCS**	**LCSD**	**CAS Acceptance Limits**	**Relative Percent Difference**	**CAS RPD Acceptance Limit**
1,1-Dichloroethene	50	50	45	45	90	90	34-149	<1	30
Trichloroethene	50	50	45	46	90	92	38-154	2	30
Tetrachloroethene	50	50	47	45	94	90	41-141	4	30
Benzene	50	50	50	48	100	96	41-143	4	30
Toluene	50	50	50	49	100	98	39-144	2	30
Ethylbenzene	50	50	50	49	100	98	40-145	2	30

U Not detected at or above the MRL

Approved By: Travis Tuckle Date: 11/17/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: TASK Environmental Inc.
Project: Chevron Orlando / E0126
Sample Matrix: Ground Water

Service Request: J2003632
Date Collected: 10/26/00
Date Received: 10/27/00
Date Extracted: 11/1/00
Date Analyzed: 11/9/00

Surrogate Recovery Summary
Organochlorine Pesticides
EPA Method 3510/8081

Sample Name	Lab Code	Percent Recovery Tetrachloro-*m*-xylene	Percent Recovery Dibutylchlorendate
CO-MW-4S	J2003632-001	(a)	(a)
Laboratory Control Sample	EX200475-LCS	66	65
Duplicate Laboratory Control Sample	EX200475-DLCS	78	62
Method Blank	EX200475-MB	43	39
CAS Acceptance Limits:		26-124	31-146

(a) Not Applicable because of the sample matrix. Analysis of this sample required a dilution such that the surrogate concentration was diluted below the method reporting limit.

Approved By: Travis Teeter Date: 11/17/00

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	TASK Environmental Inc.	**Service Request:**	J2003632
Project:	Chevron Orlando / E0126	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
		Date Extracted:	11/1/00
		Date Analyzed:	11/9/00

Laboratory Control Sample/Duplicate Laboratory Control Sample
Organochlorine Pesticides
EPA Method 3510/8081
Units: µg/L (ppb)

Sample Name: Batch QC
Lab Code: Batch QC

	Spike Level		Sample	Spike Result		Percent Recovery		CAS	Relative
Analyte	**LCS**	**DLCS**	**Result**	**LCS**	**DLCS**	**LCS**	**DLCS**	**Acceptance Limits**	**Percent Difference**
Heptachlor	0.10	0.10	U	0.075	0.071	75	71	27-130	5
Aldrin	0.10	0.10	U	0.075	0.071	75	71	28-127	5
Gamma-BHC (Lindane)	0.10	0.10	U	0.082	0.076	82	76	28-127	8
Endrin	0.10	0.10	U	0.079	0.076	79	76	27-153	4
4,4'-DDT	0.10	0.10	U	0.087	0.084	87	84	27-151	4
Dieldrin	0.10	0.10	U	0.076	0.071	76	71	29-142	7

U Not detected at or above the MRL.

Approved By: Travis Tuckle Date: 11/17/00

Cooler Receipt and Preservation Form

Project/Client: Chevron Orlando/TASK Environmental Inc. **SR Number:** J2003632

Cooler received on 10/27/00 by: DD

Courier: CAS ☐ UPS ☐ FEDEX ☒
CLIENT ☐ CD&L ☐ OTHER ☐

	Yes	No	N/A
1. Were custody seals on the outside of the cooler?	☒	☐	☐
2. Were custody papers properly filled out(ink, singed, ect.)?	☒	☐	☐
3. Did all bottles arrive in good condition(unbroken)?	☒	☐	☐
4. Did any VOA vials contain significant air bubbles?	☐	☒	☐
5. Where ice of ice packs present?	☒	☐	☐
6. Did all samples arrive within appropriate holding times?	☒	☐	☐
7. Where did the bottles originate? CAS/JAX	☒	CLIENT	☐

8. Temperature of cooler(s) upon receipt/within 0-6C?:

	Temp.	Yes	No	N/A		Temp.	Yes	No	N/A
Cooler 1:	3.5 C	☒	☐	☐	Cooler 3:		☐	☐	☐
Cooler 2:		☐	☐	☐	Cooler 4:		☐	☐	☐

Date/Time Temperature Taken: 10/27/00 10:00 **If No/NA, Explain** _____

Themometer ID: 2618380101-0015 Temp Blank: ☐ Cooler Temp.: ☒
Sample Bottle: ☐ IR. Gun: ☒

If out of temperature, client approval to run samples _____

Cooler Breakdown: Date: 10/27/00 By: DD

	Yes	No	N/A
1. Were all the bottle labels complete(i.e. analysis, preservation, ect.)	☒	☐	☐
2. Did all bottle labels and tags agree with custody papers?	☒	☐	☐
3. Were correct containers used for the test indicated?	☒	☐	☐

4. Air samples: Cassettes/Tubes Intact: ☐ Tedlar Bags Inflated: ☐
Canisters Pressurized: ☐ NA: ☒

Explain any discrepancies _____

		Yes	No	Sample ID	Reagent	Volume Added
pH	Reagent					
>12	NaOH					
>9	NaOH+ZnAc					
<2	HNO3					
<2	H2SO4					
<2	HCl					
5-9*	P/PCB (608 Only)					

* If pH adjustment is required, use NaOH/or H2SO4 PM OK to adjust pH_____

YES= All samples OK NO=Samples were preserved at lab as listed

VOC Vial pH Verification(Tested after Analysis) Following Samples Exhibited pH >2				

Other Comments: _____

Columbia Analytical Services

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

8540 Baycenter Rd. • Jacksonville, FL 32256 • (904) 739-2277 • 800-695-7222 • FAX (904) 739-2011

DATE 10/26/00 PAGE 1 OF 1

PROJECT NAME: CHEVRON ORLANDO

PROJECT #: E0126

COMPANY/ADDRESS: TASK ENVIRONMENTAL
501 S. BLVD.
TAMPA, FL 33606

PHONE (813) 254-8938

REPORT TO: S. TOBIN

ANALYSIS REQUEST

SAMPLE I.D.	DATE	TIME	SAMPLE MATRIX	NUMBER OF CONTAINERS	8021	8081	REMARKS
CO-MW-45	10/26/00	1055	GW	5	3	2	

RELINQUISHED BY:
Signature: [signature]
Printed Name: DOUGLAS C. COLEMAN
Firm: TASK ENVIRONMENTAL
Date/Time: 10/26/00 1300

RECEIVED BY:
Signature: [signature]
Printed Name: DAVID DICKIE
Firm: CAS
Date/Time: 10/27/00 1000

TURNAROUND REQUIREMENTS
___ 24 hr. ___ 48 hr. ___ 5 day
___ Standard (7-10 working days)
___ Provide Verbal Preliminary Results
___ Provide FAX Preliminary Results
Requested Report Date ___

REPORT REQUIREMENTS
___ I. Routine Report
___ II. Report (includes DUP.MAS. MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data)
___ IV. CLP Deliverable Report

INVOICE INFORMATION:
P.O.# ___
Bill To ___

SAMPLE RECEIPT:
Shipping VIA: ___
Shipping to: ___
Condition: ___
Lab No: ___

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

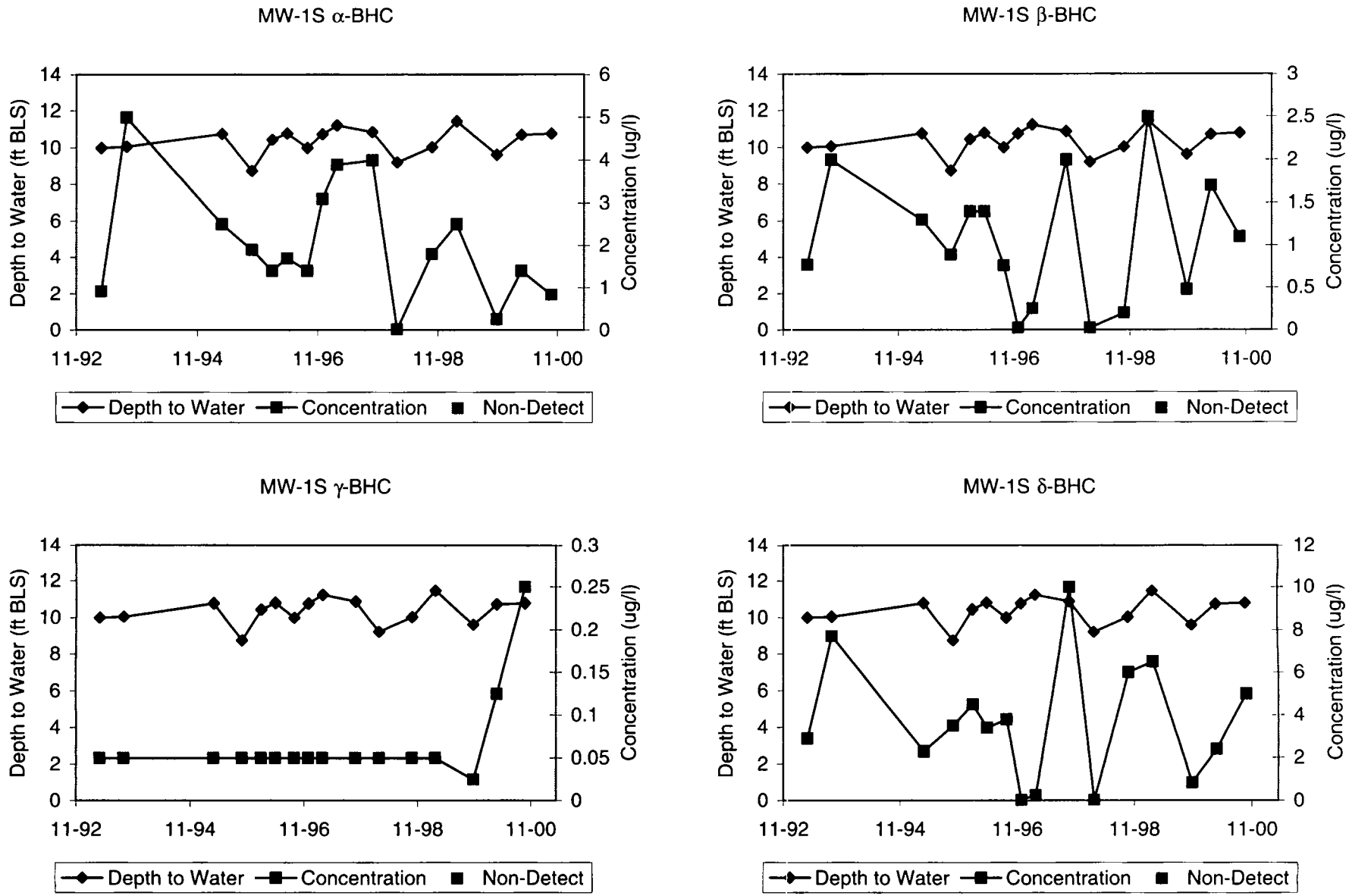
SPECIAL INSTRUCTIONS/COMMENTS:
3632
TEMP 3.5°C DD

[signature]
SAMPLER'S SIGNATURE

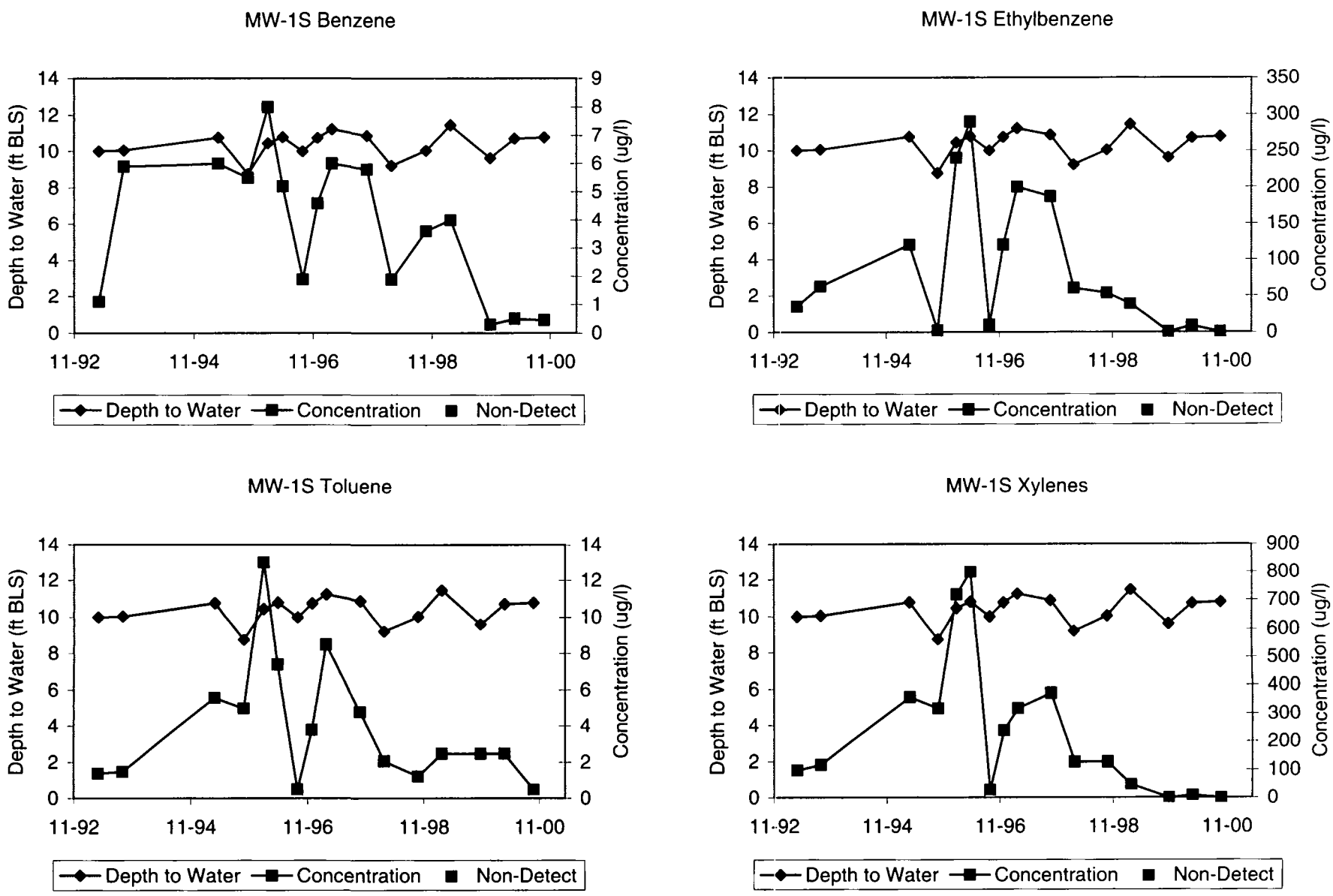
DISTRIBUTION: WHITE - return to origi[illegible] YELLOW - lab; PINK - retained by originator

Appendix C. Depth to Water vs. Concentration at Chevron, Orlando, October 2000

Plots of water levels and COC concentrations from October 2000.



Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



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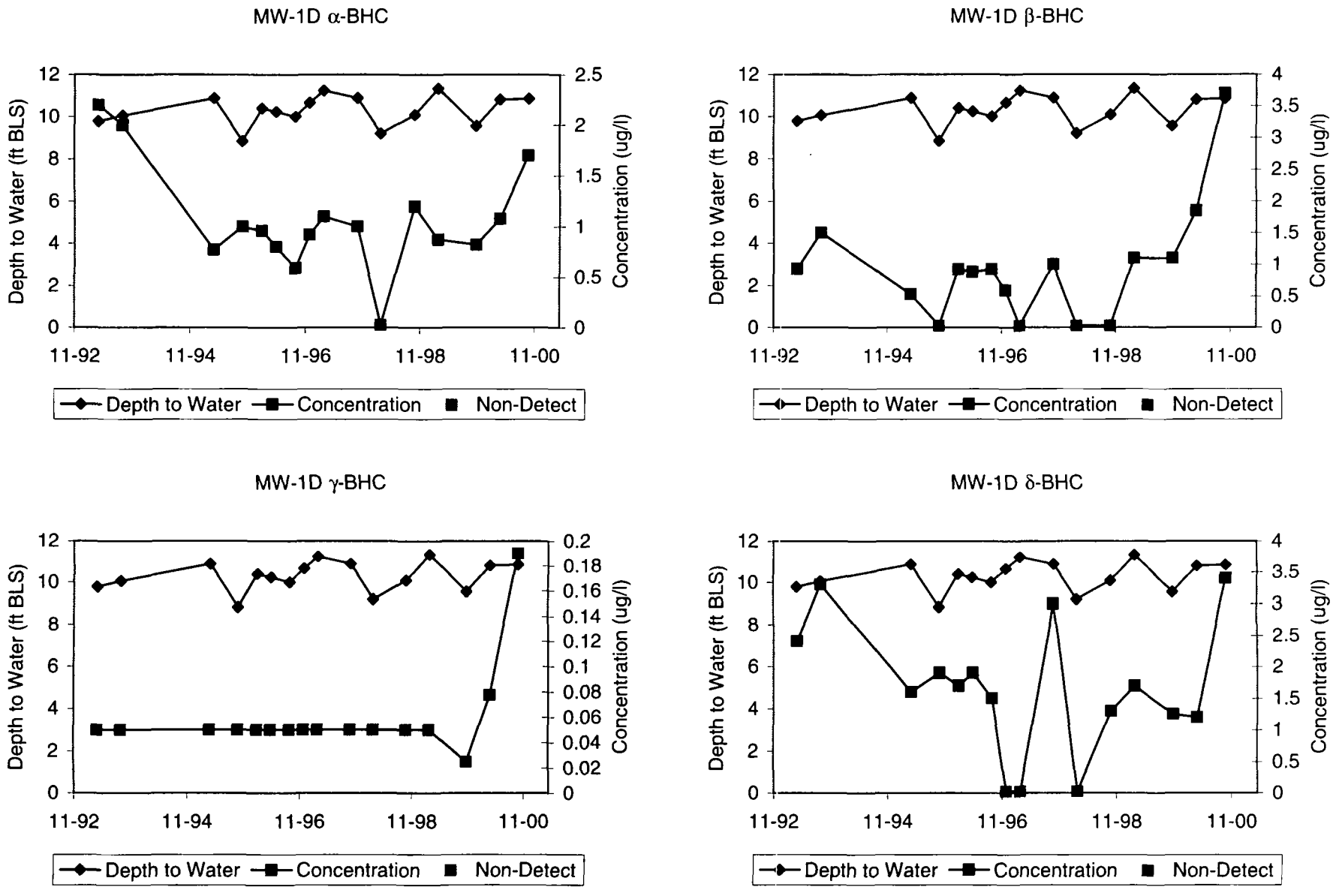
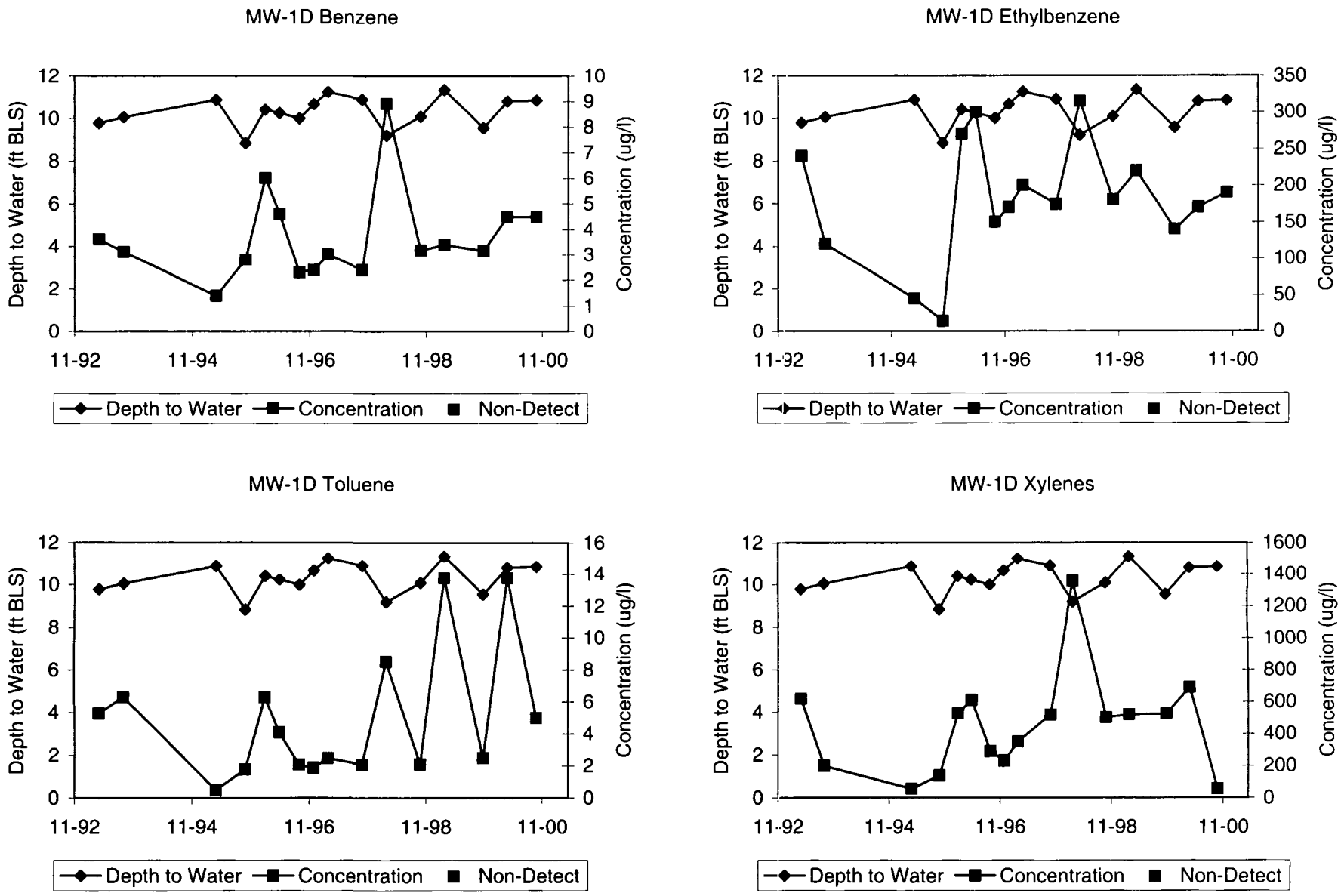


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



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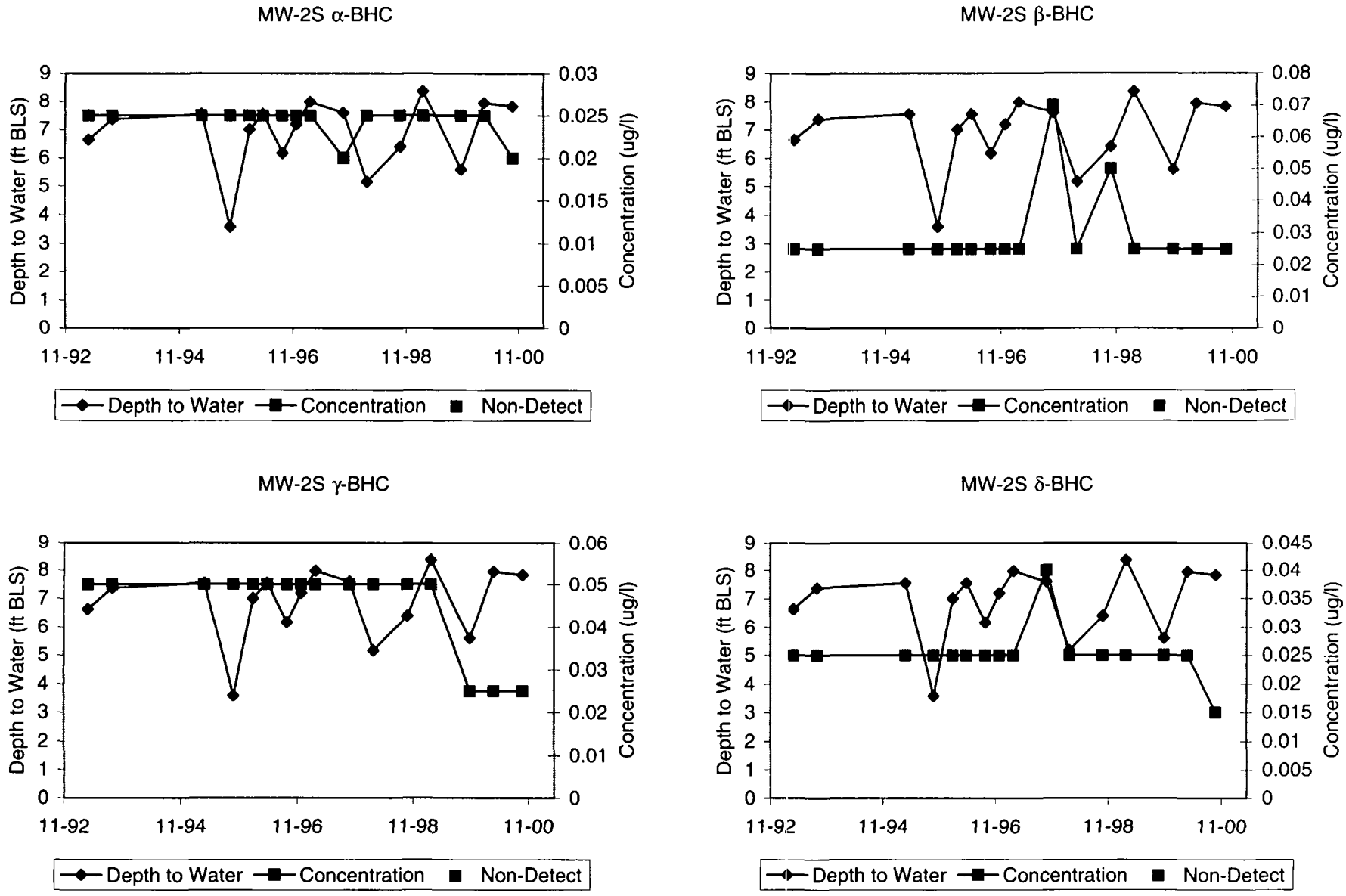

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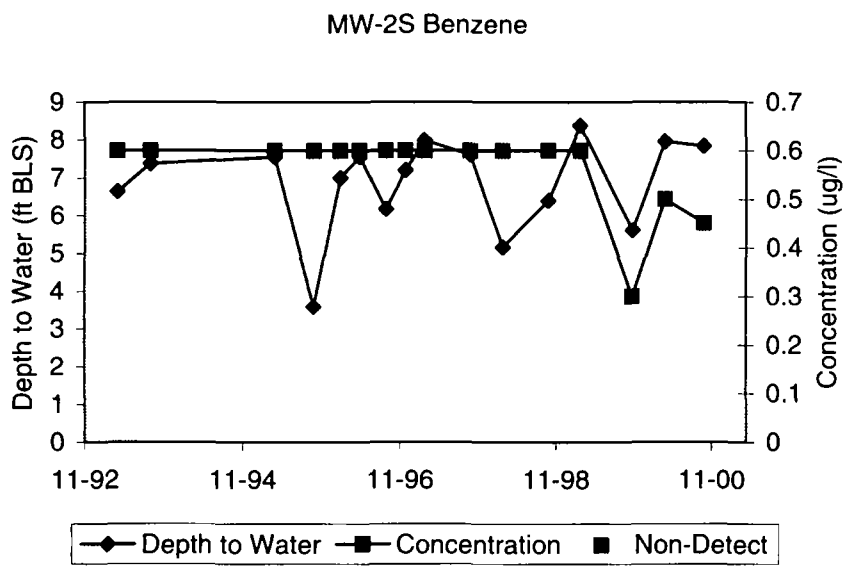

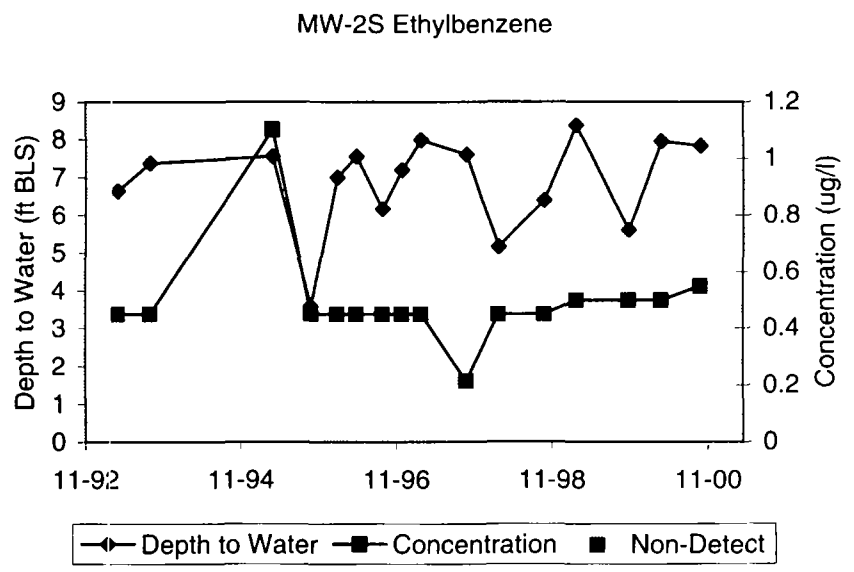

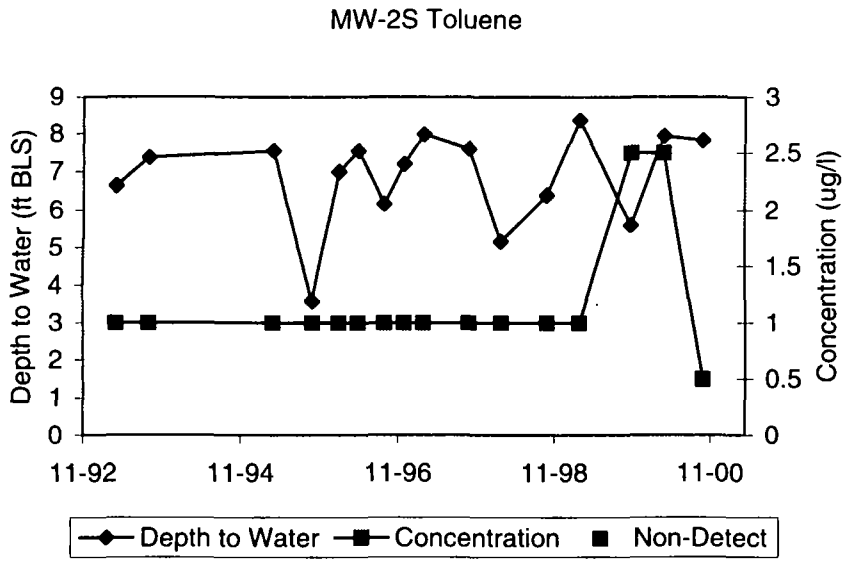

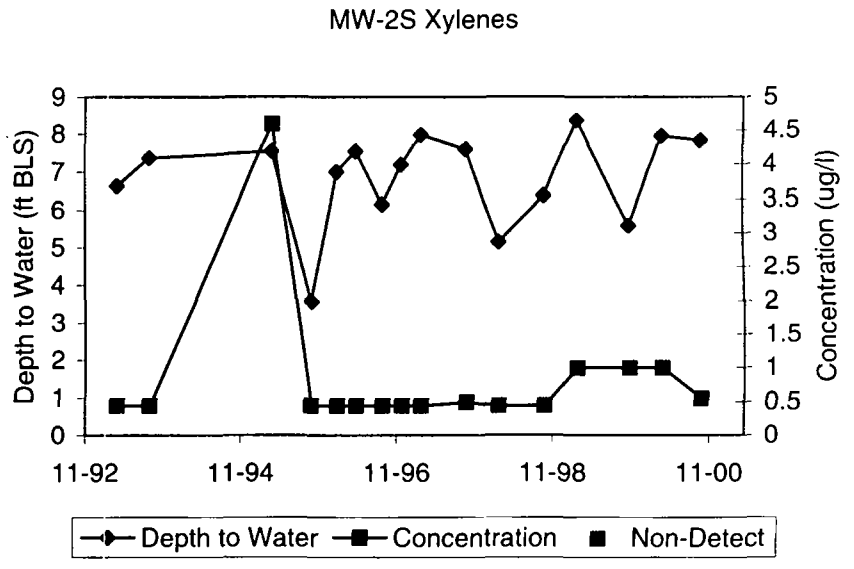

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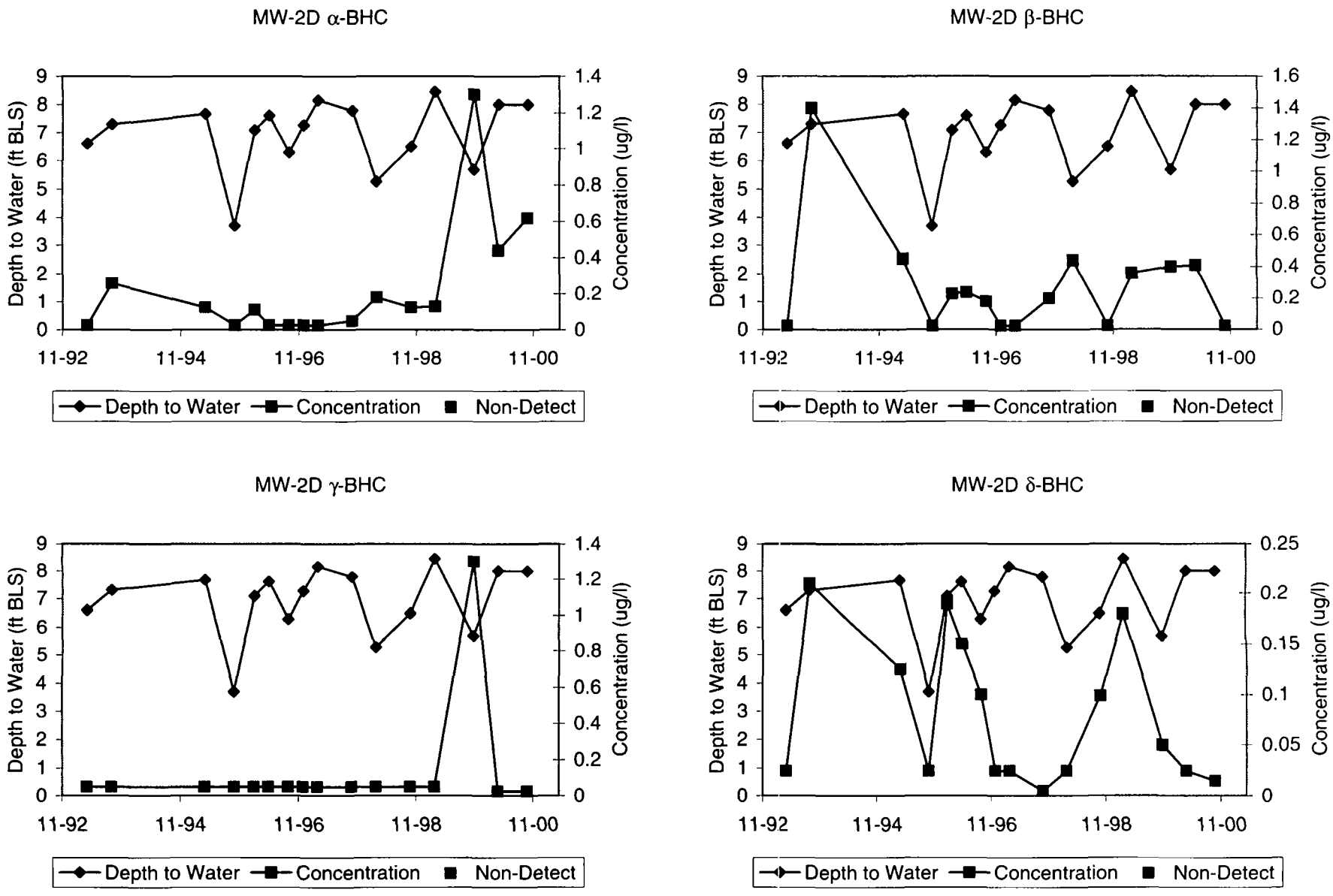

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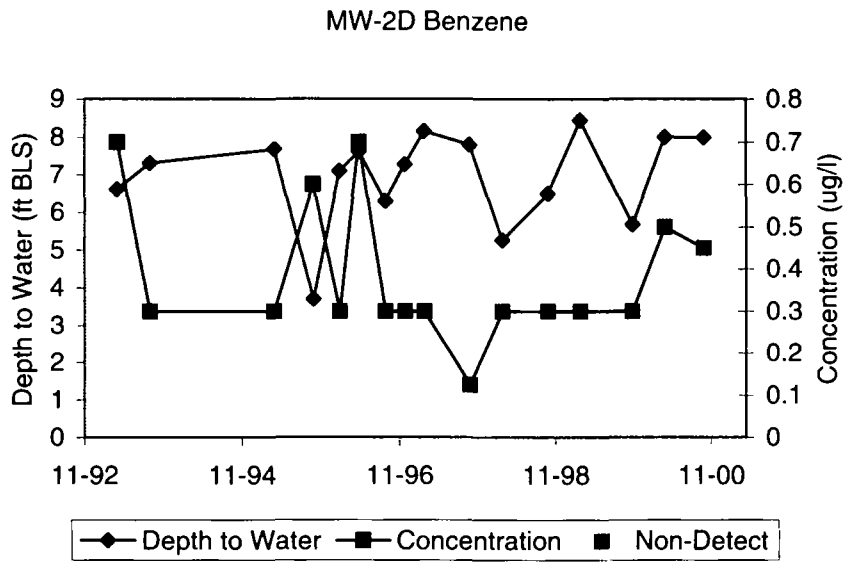

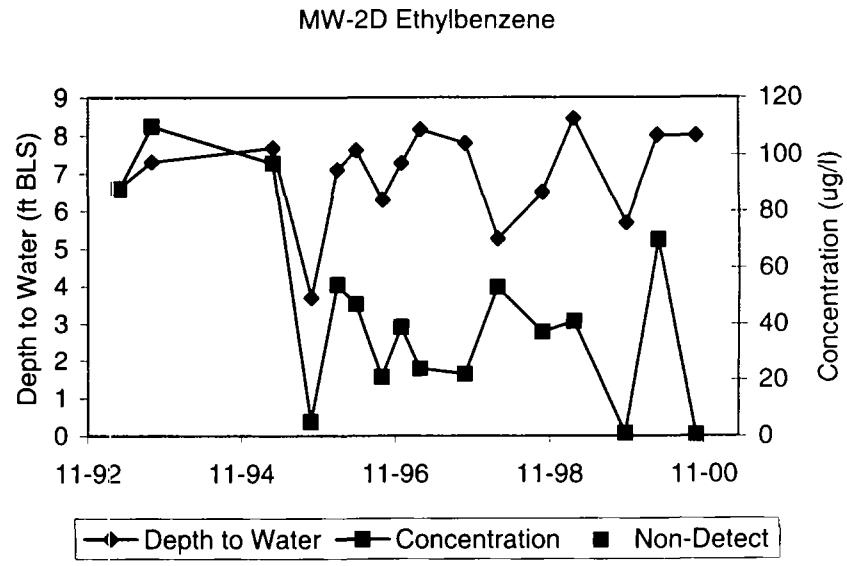

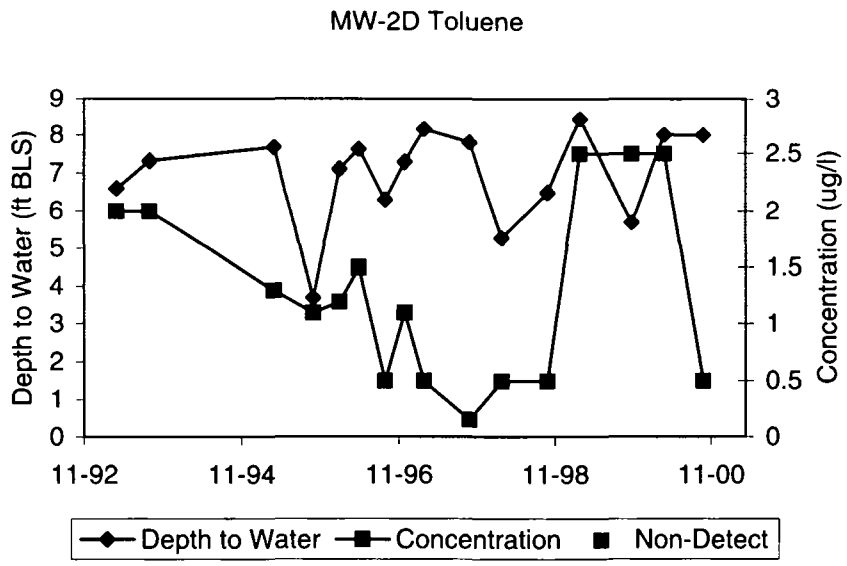

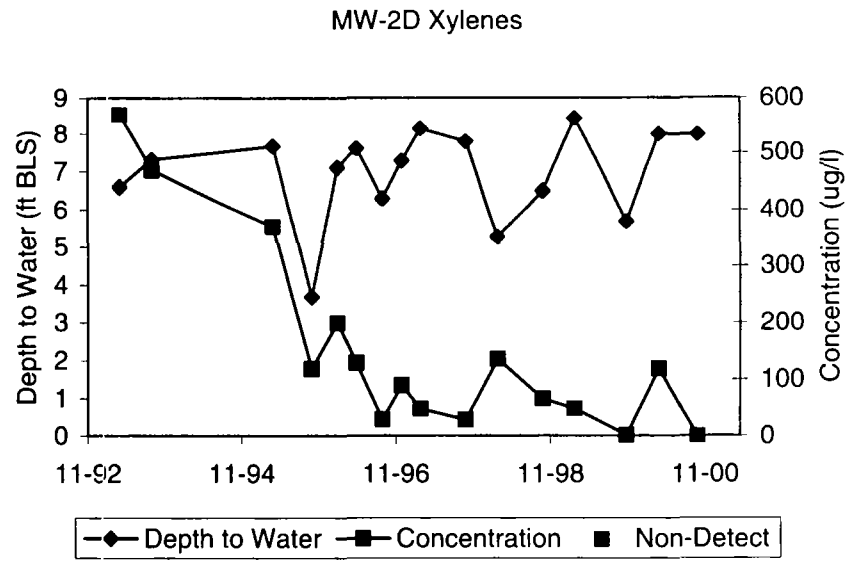

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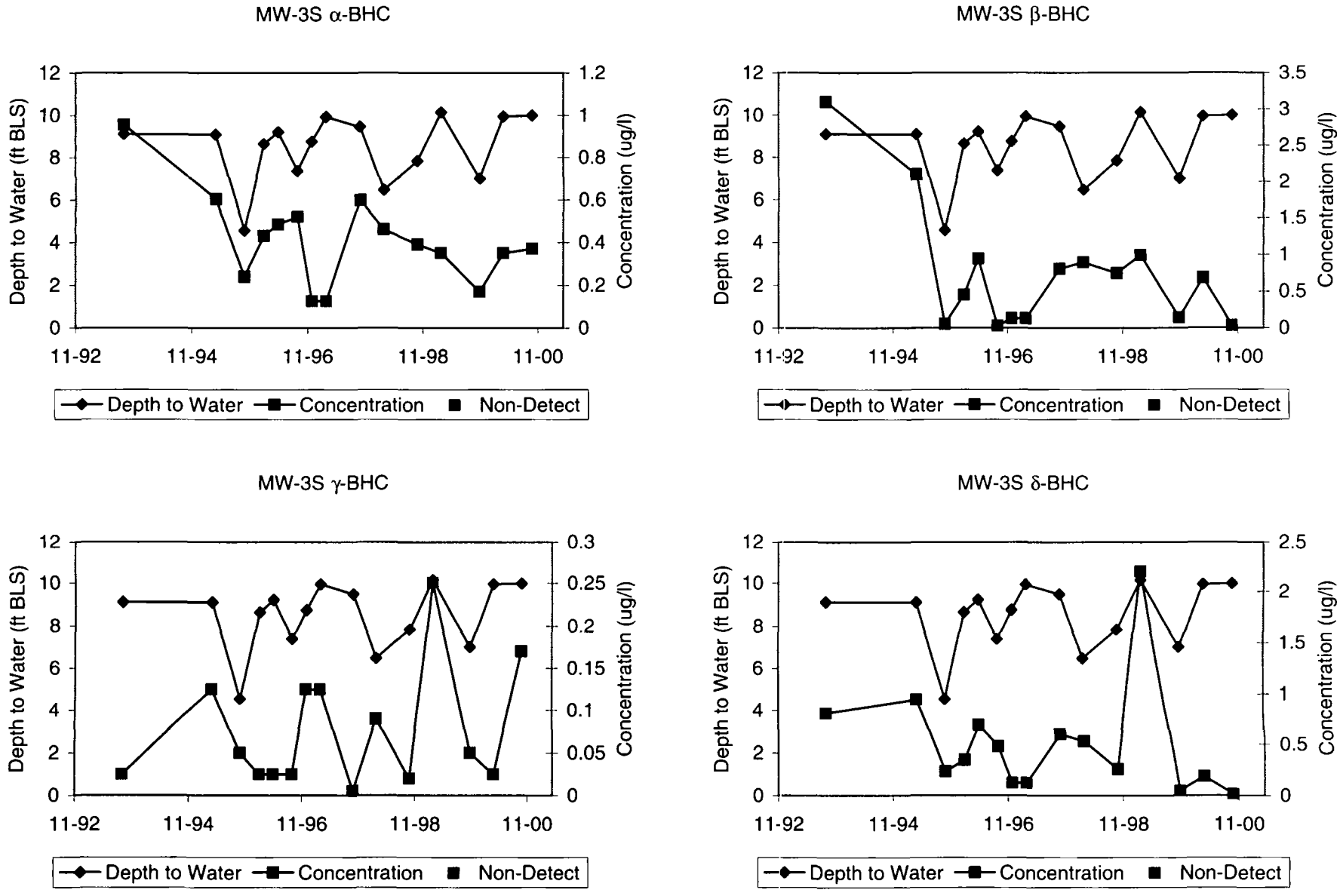

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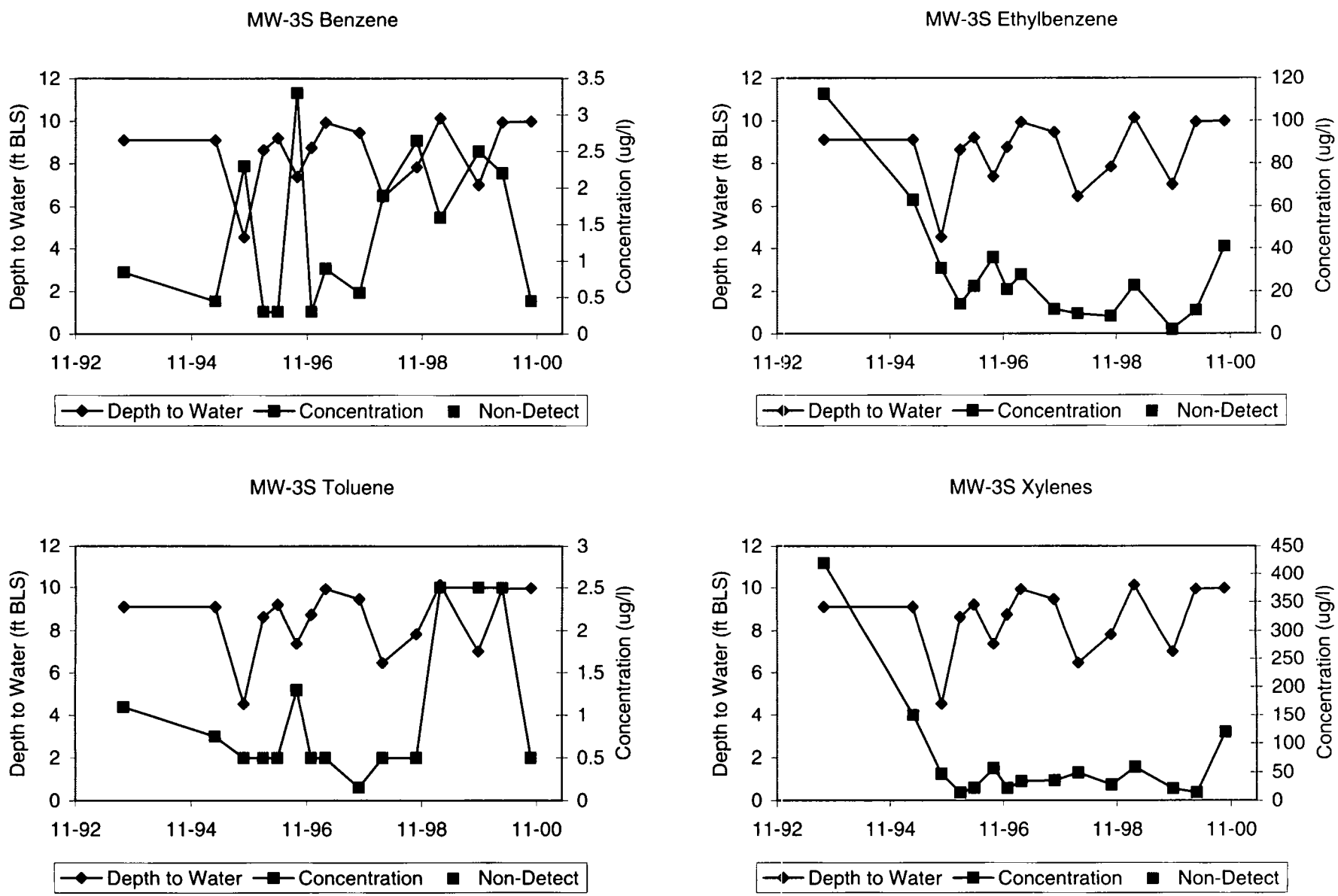

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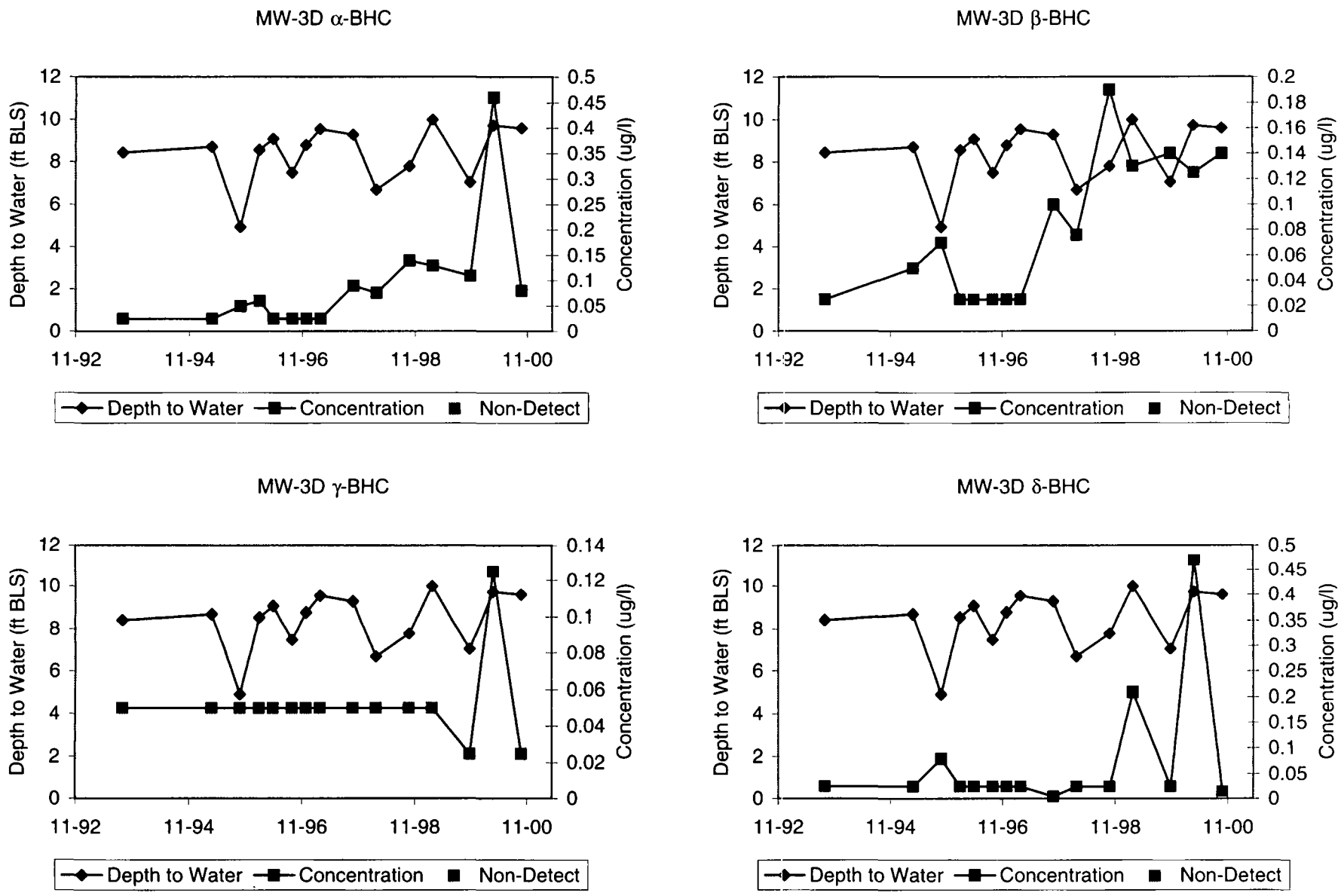

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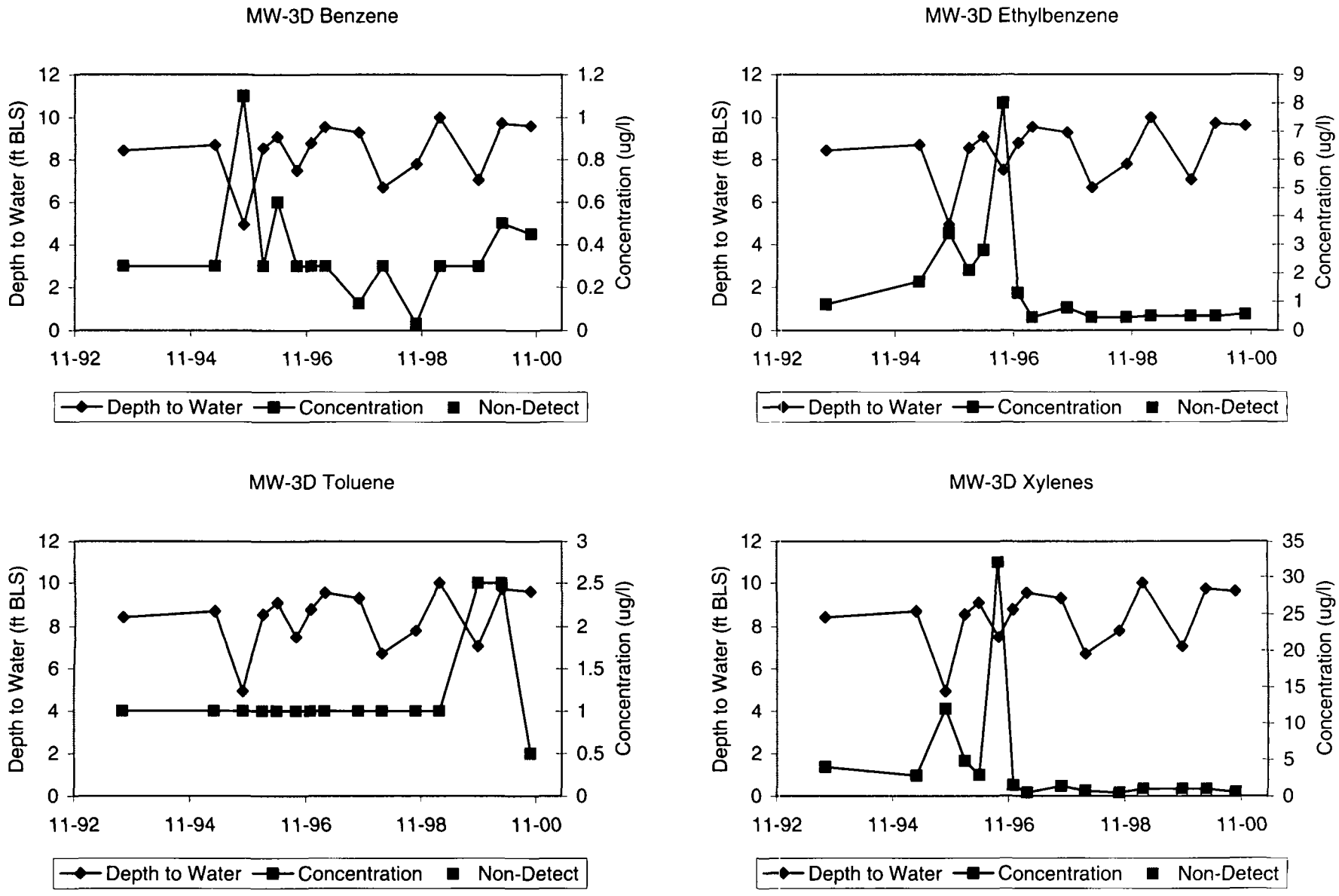

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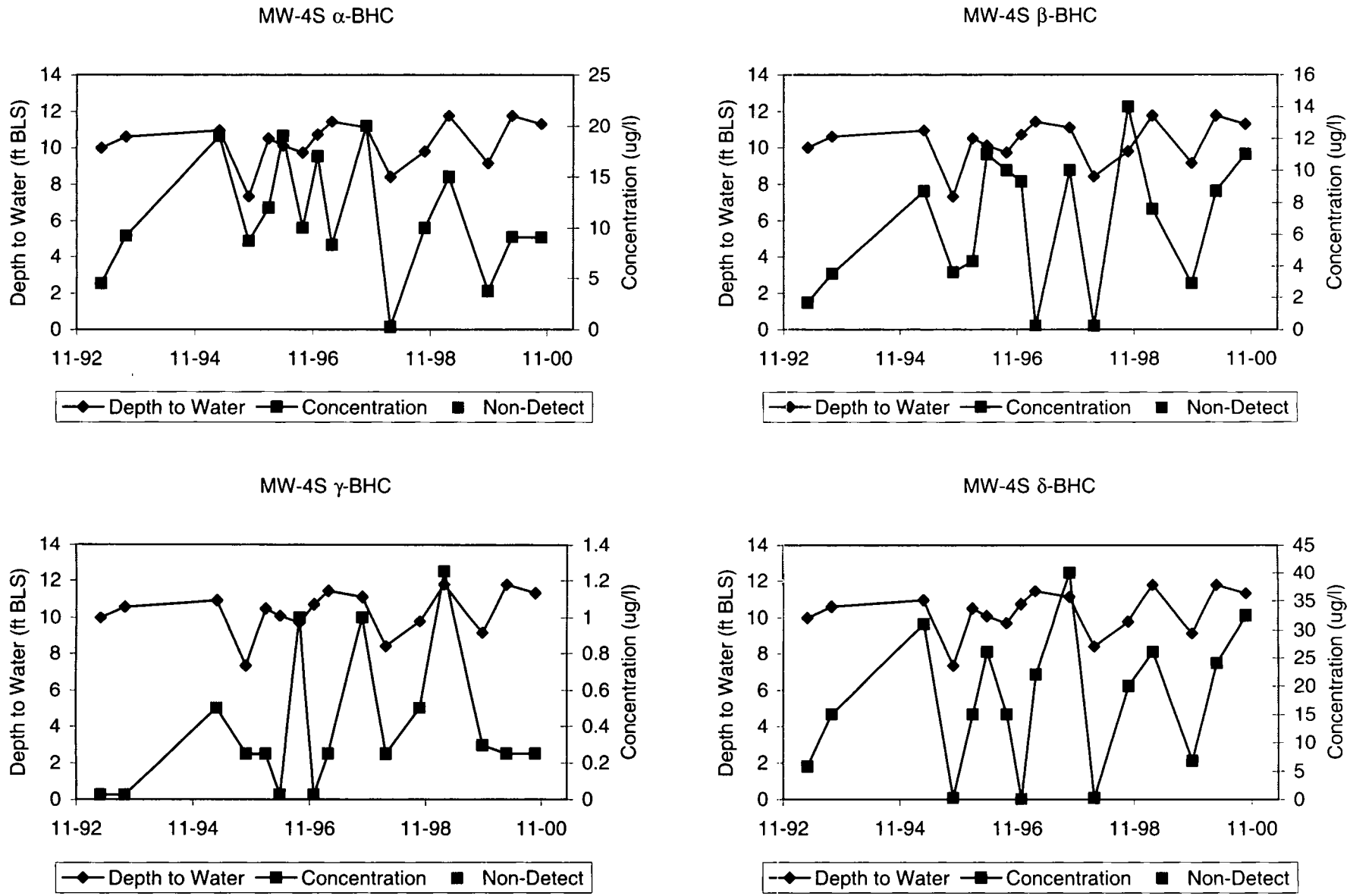

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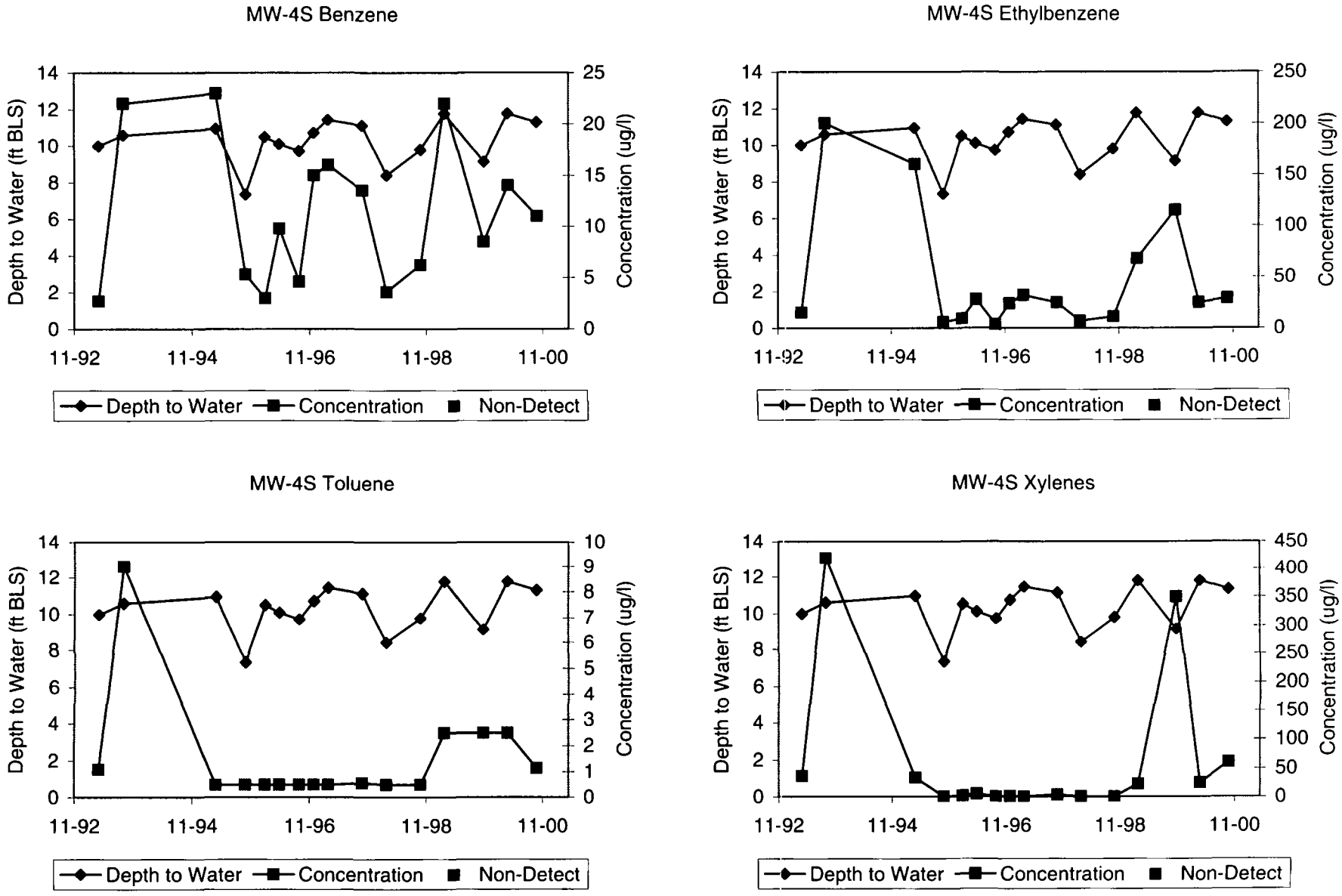

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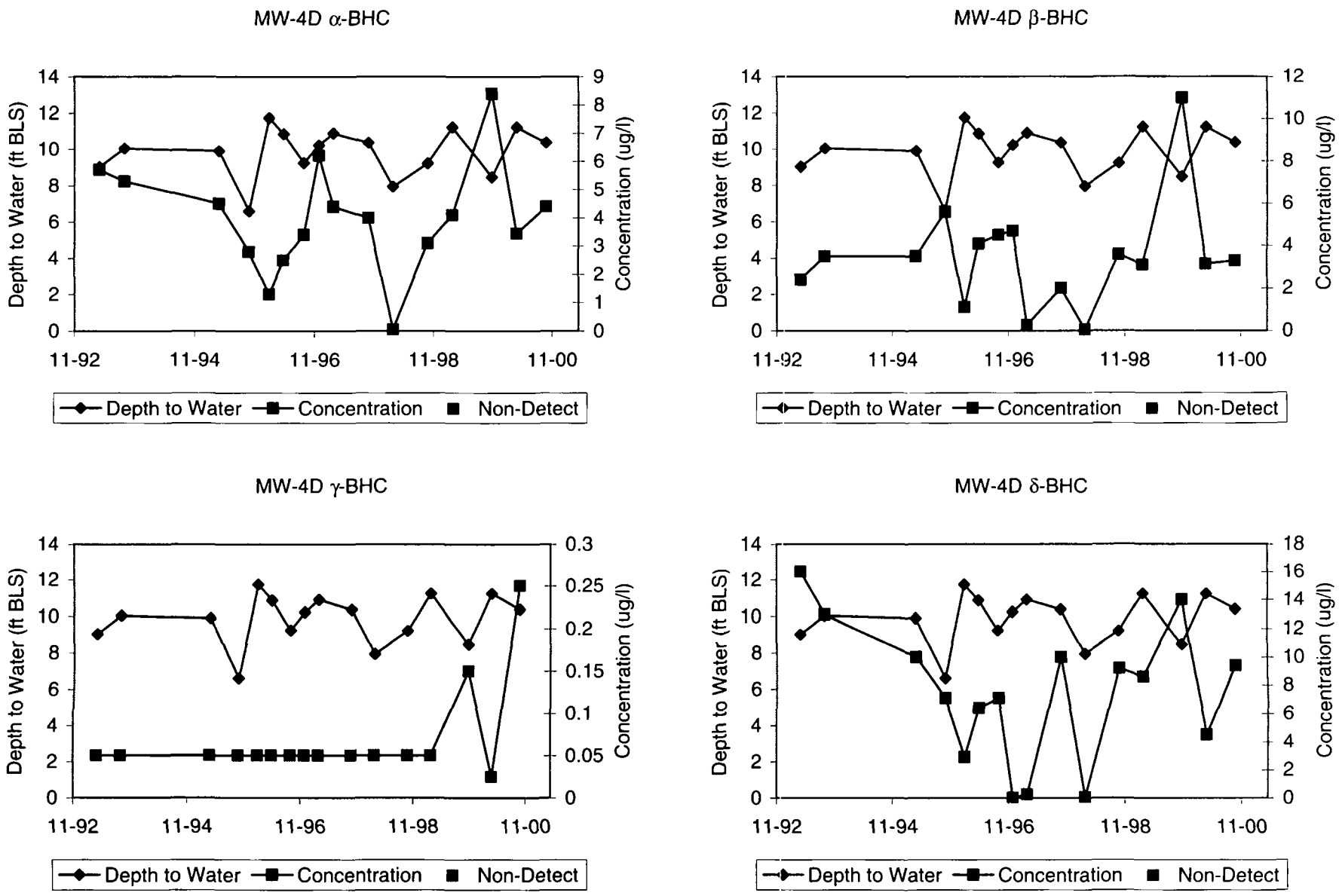

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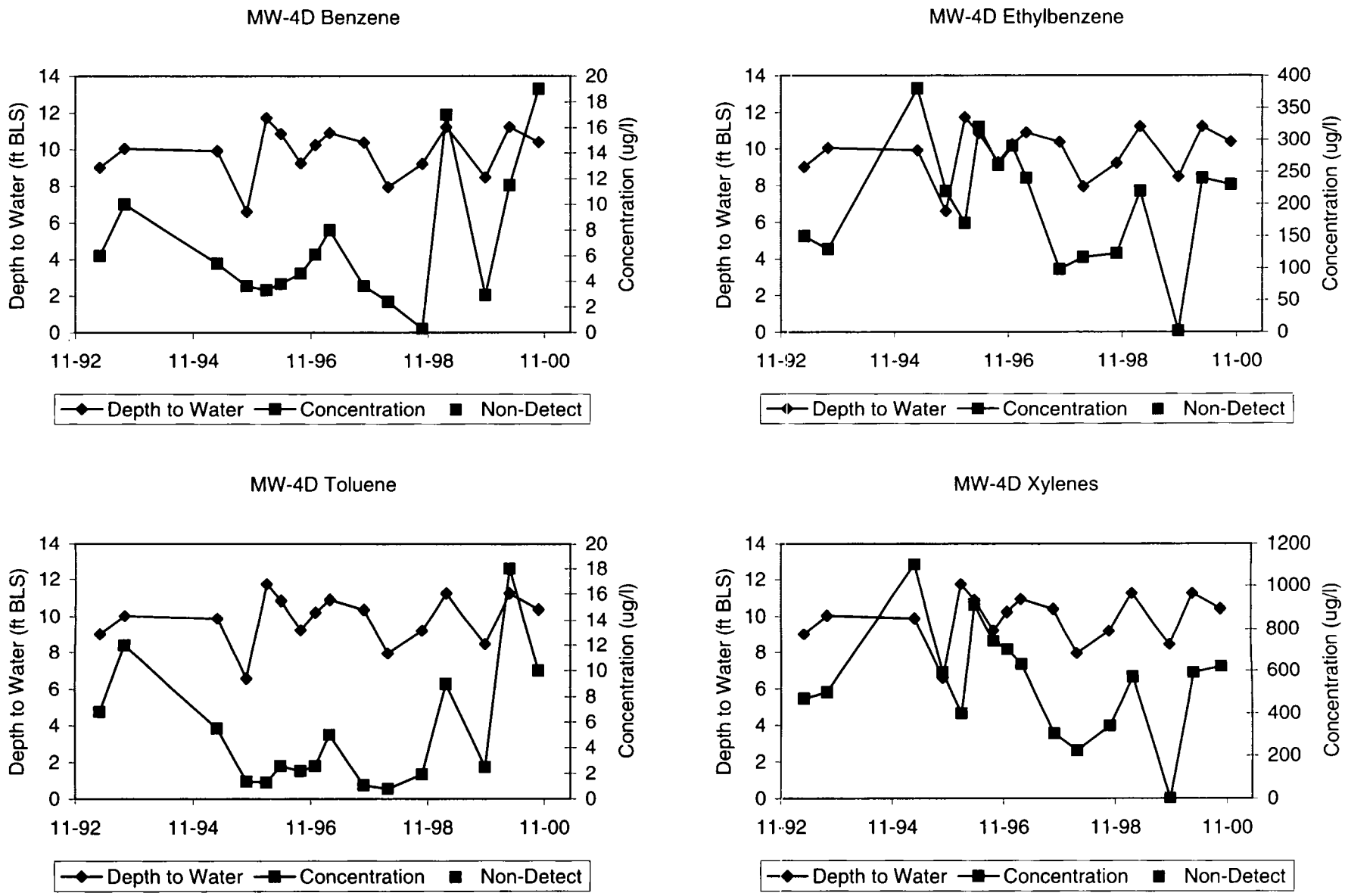

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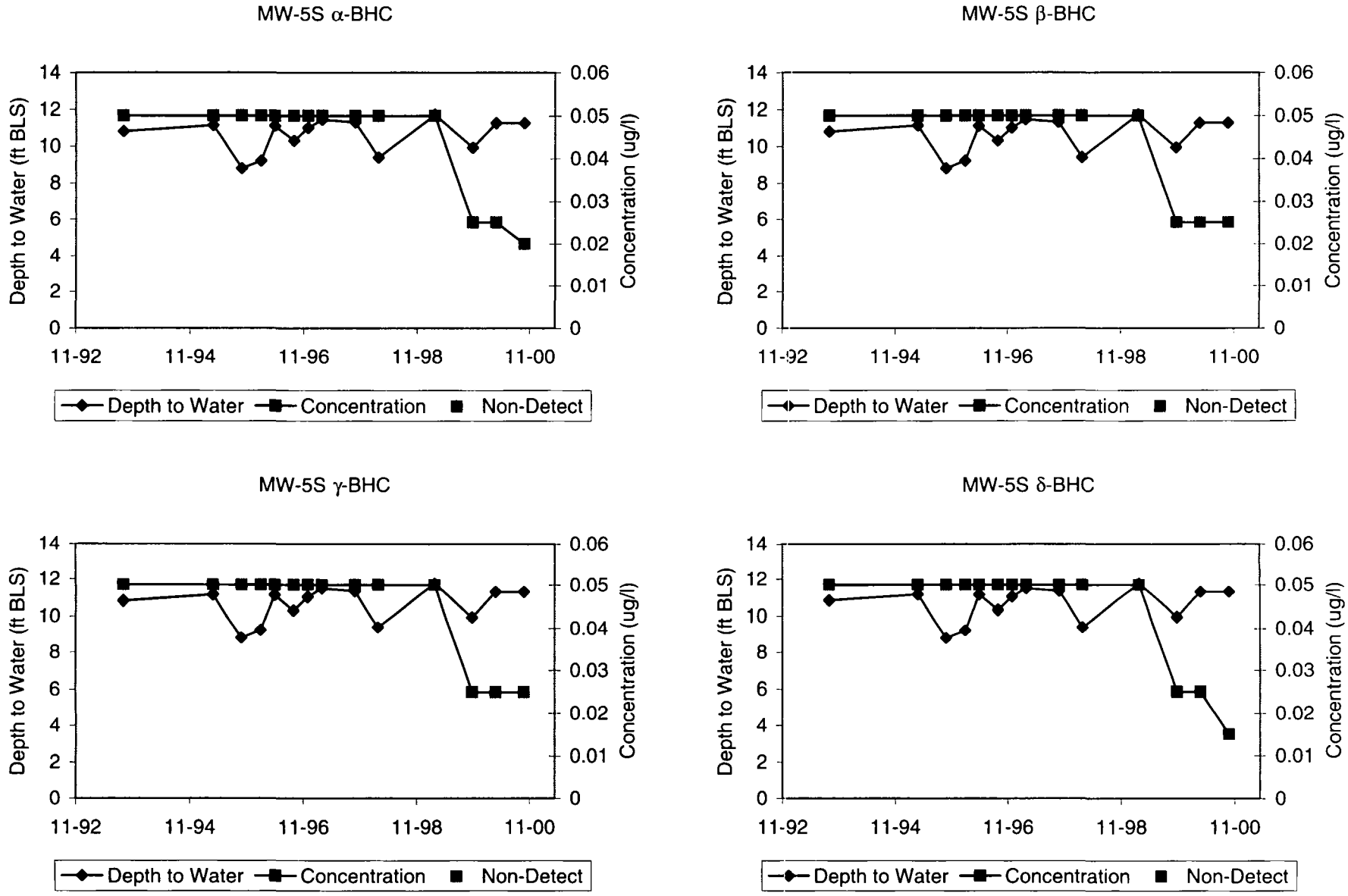

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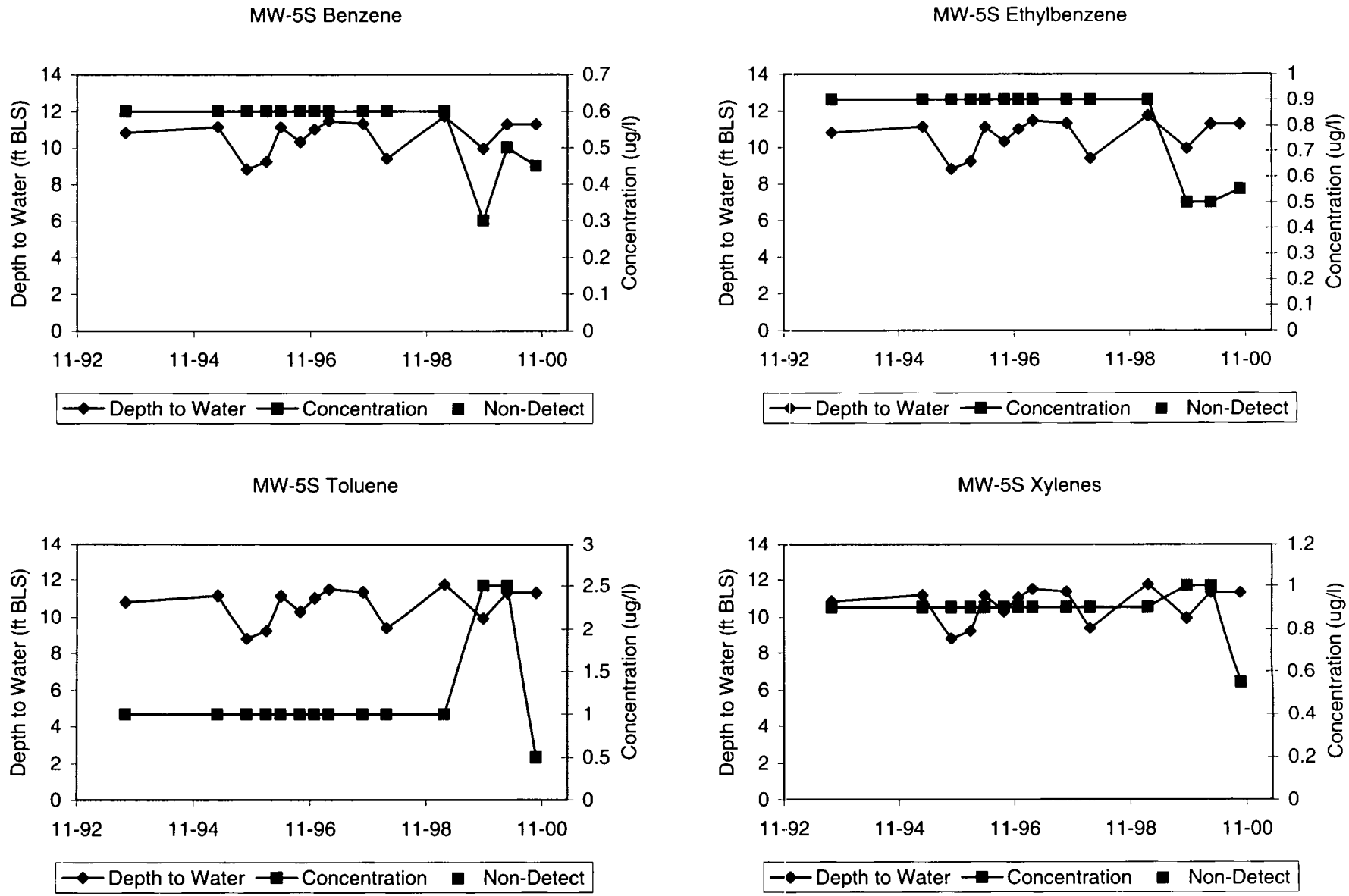

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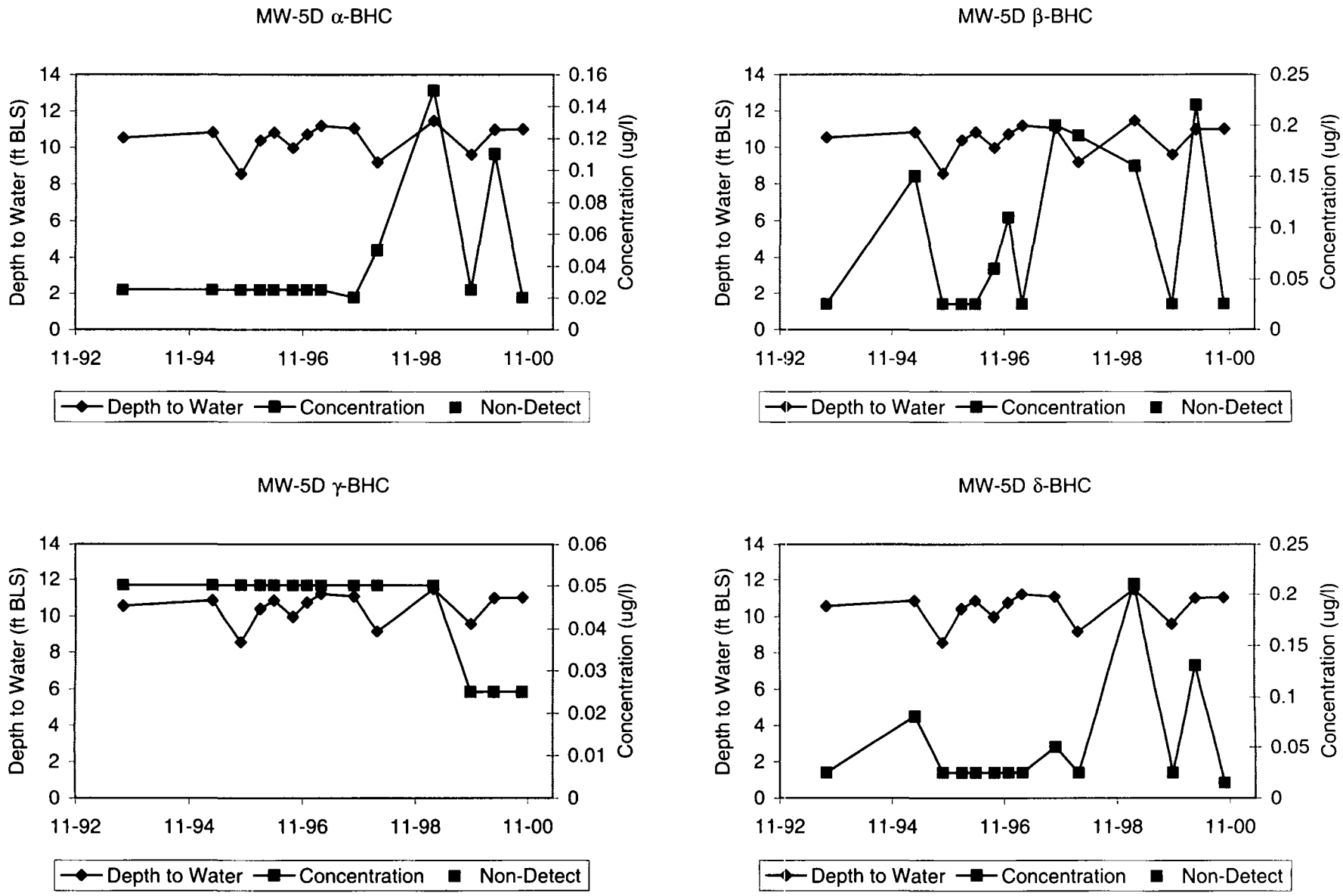

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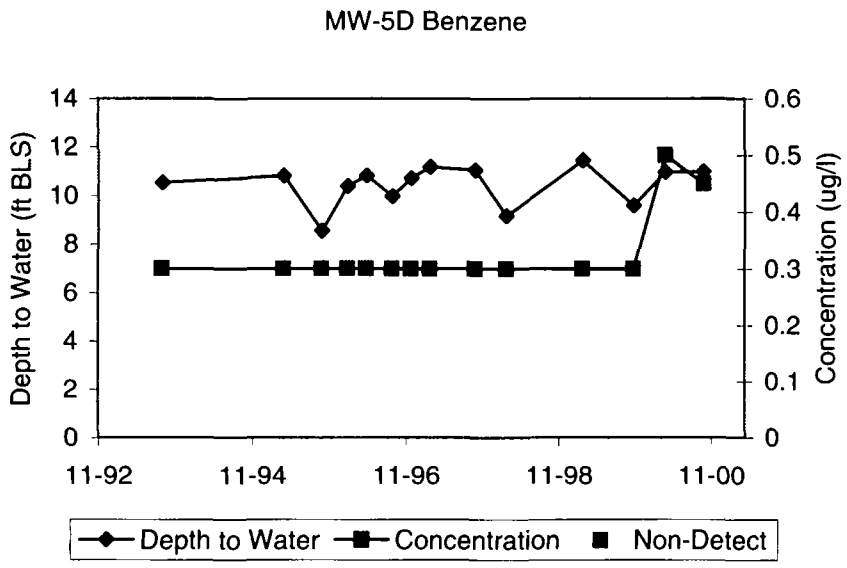

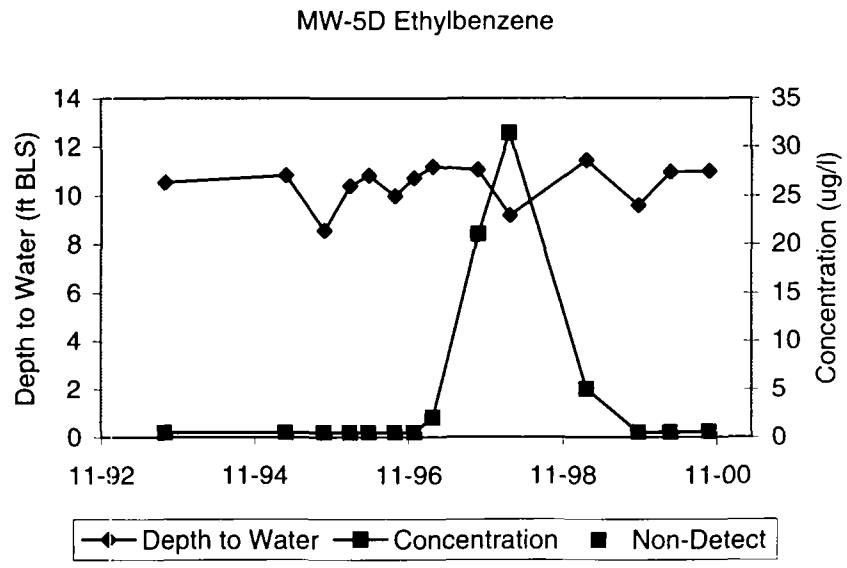

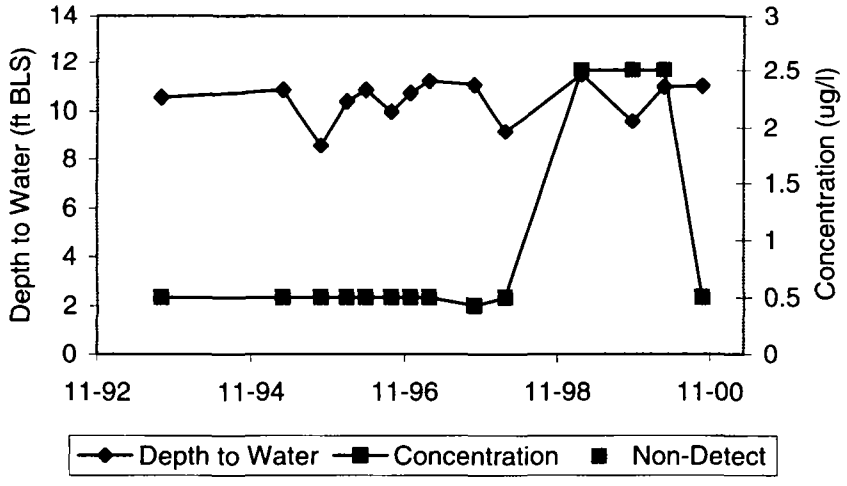

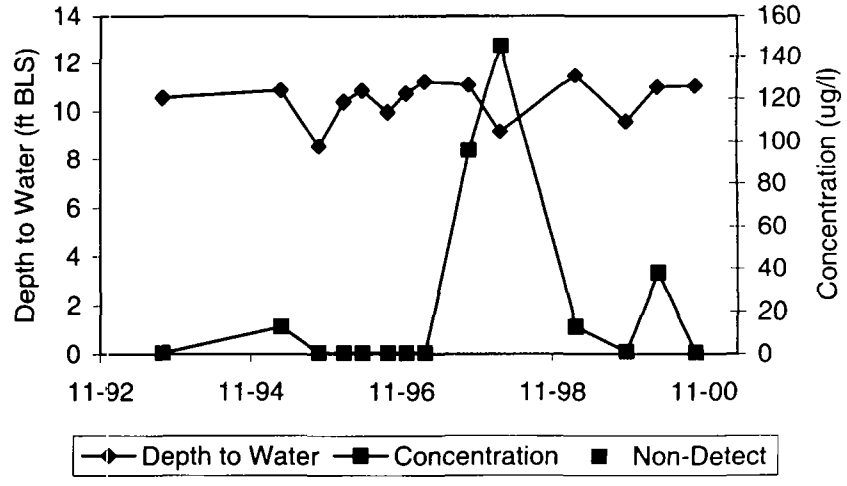

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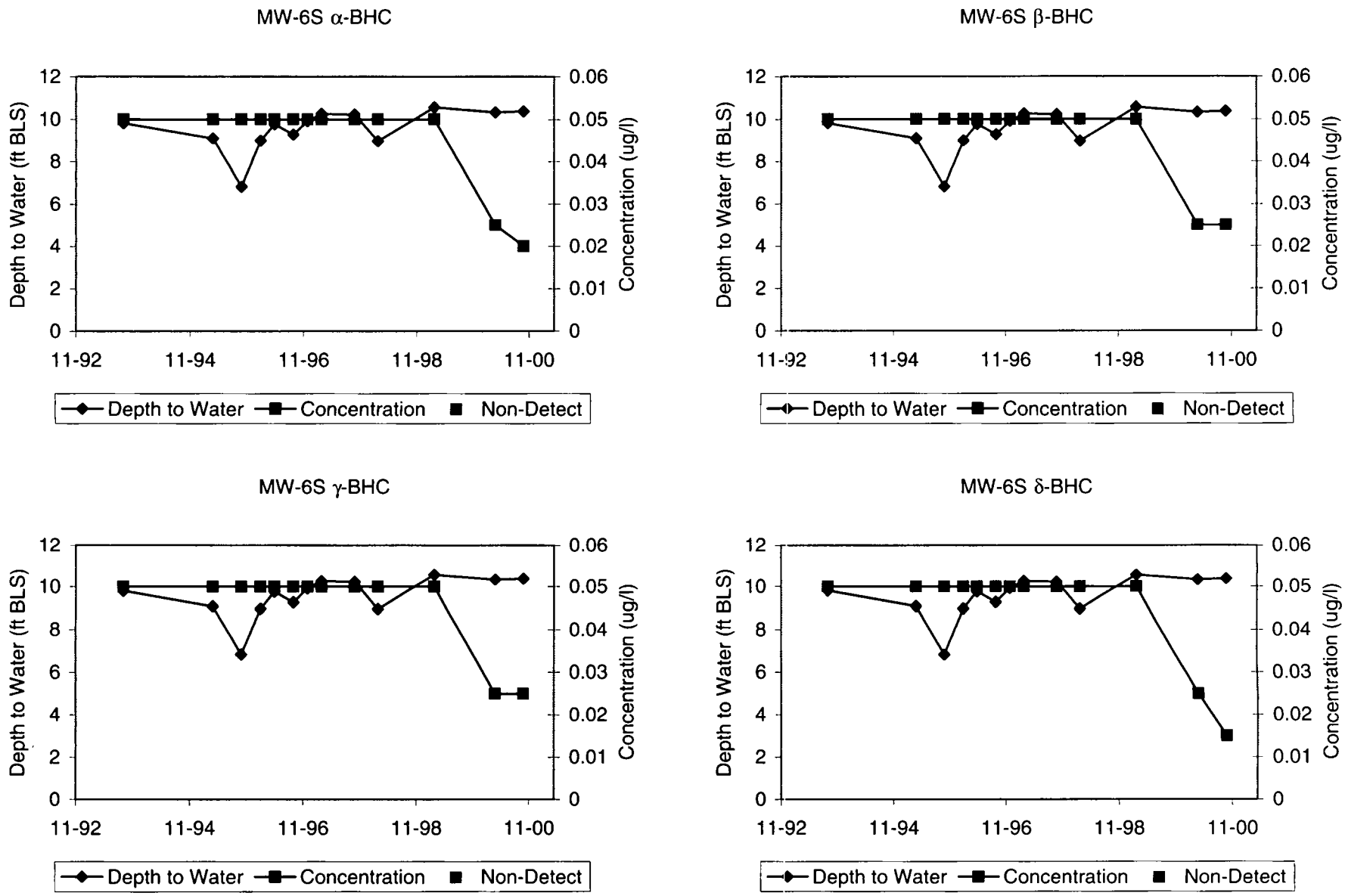

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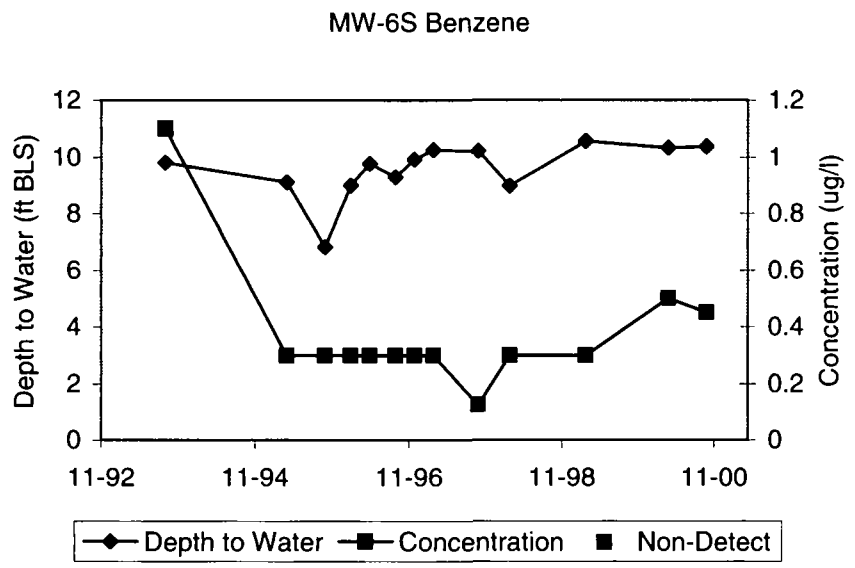

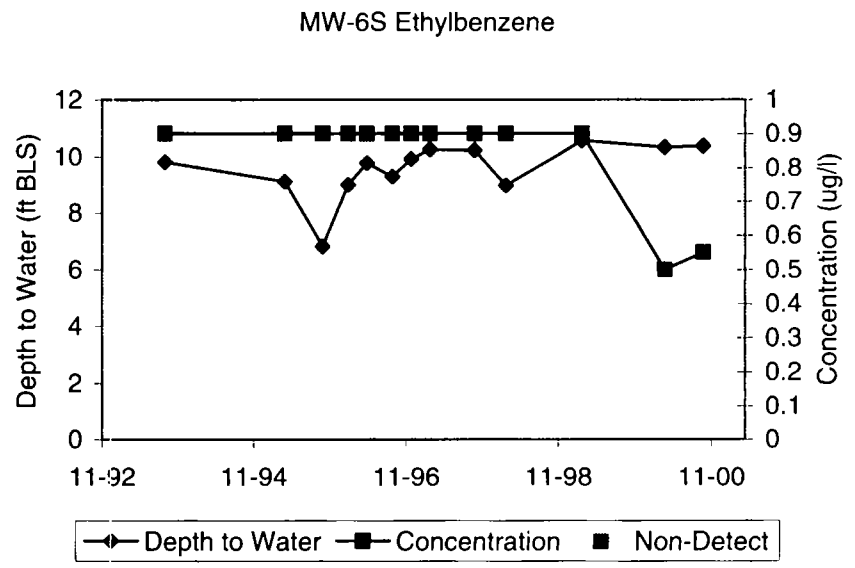

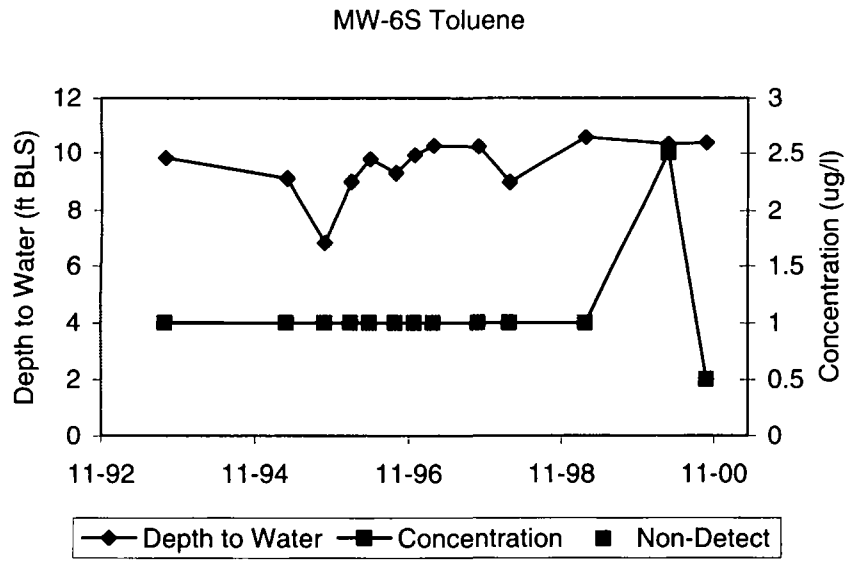

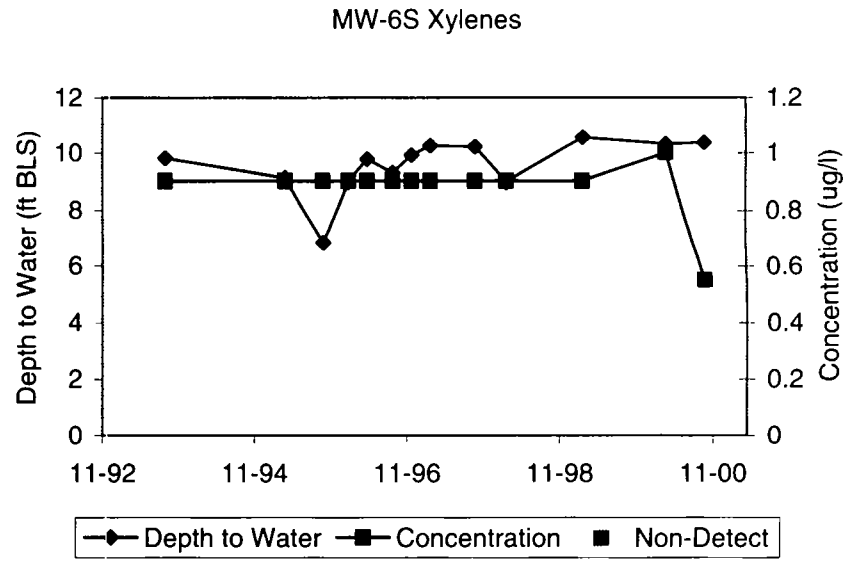

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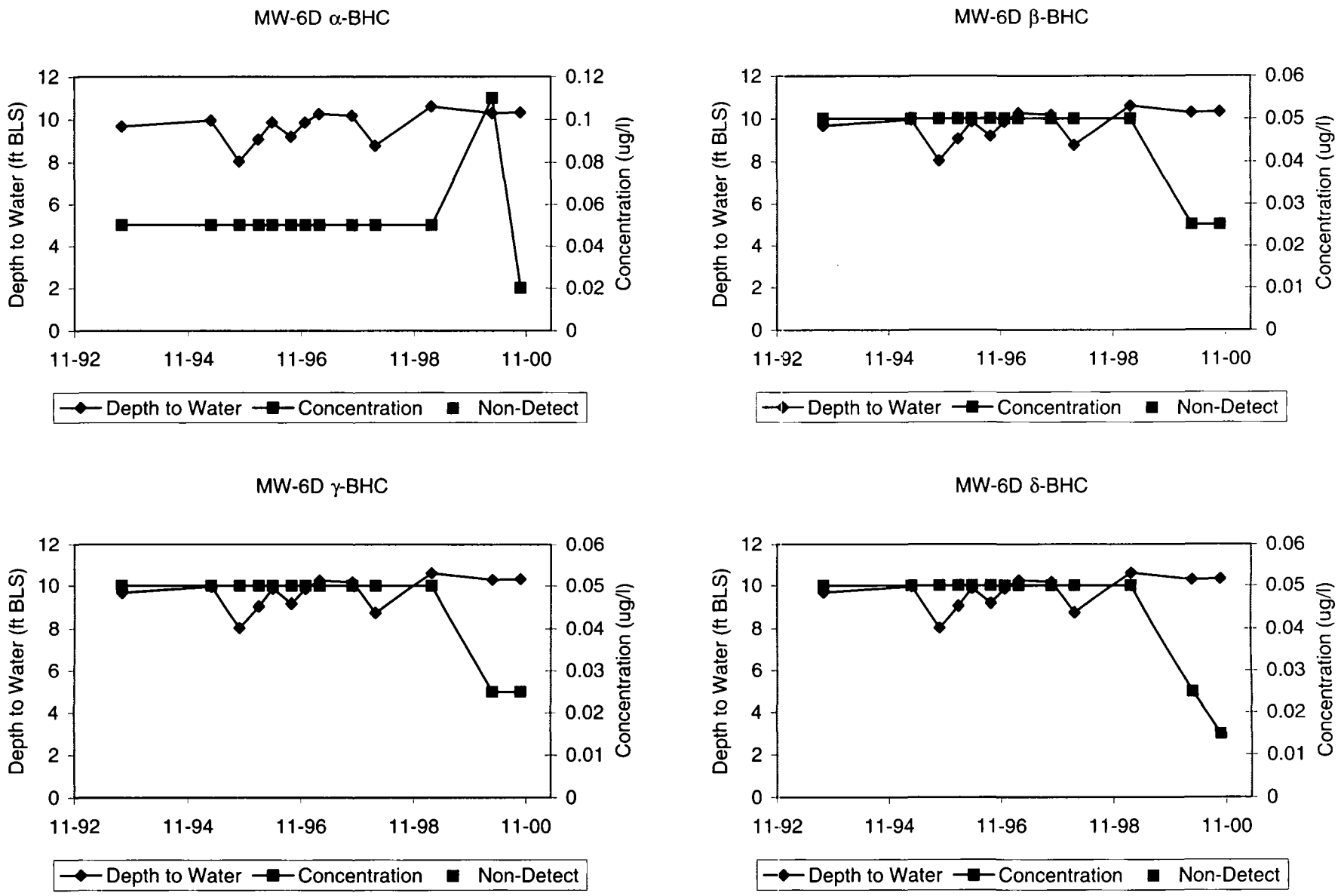

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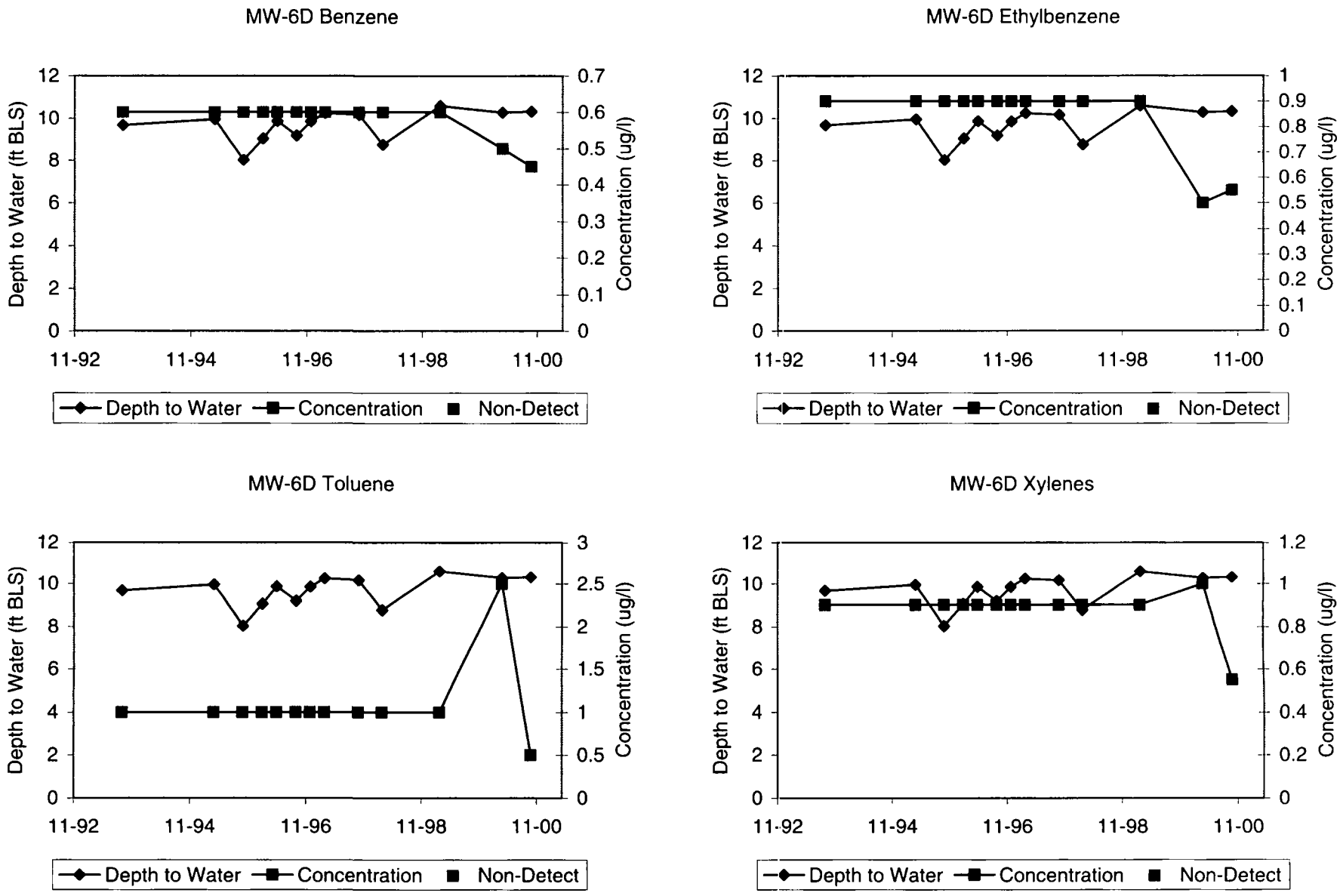
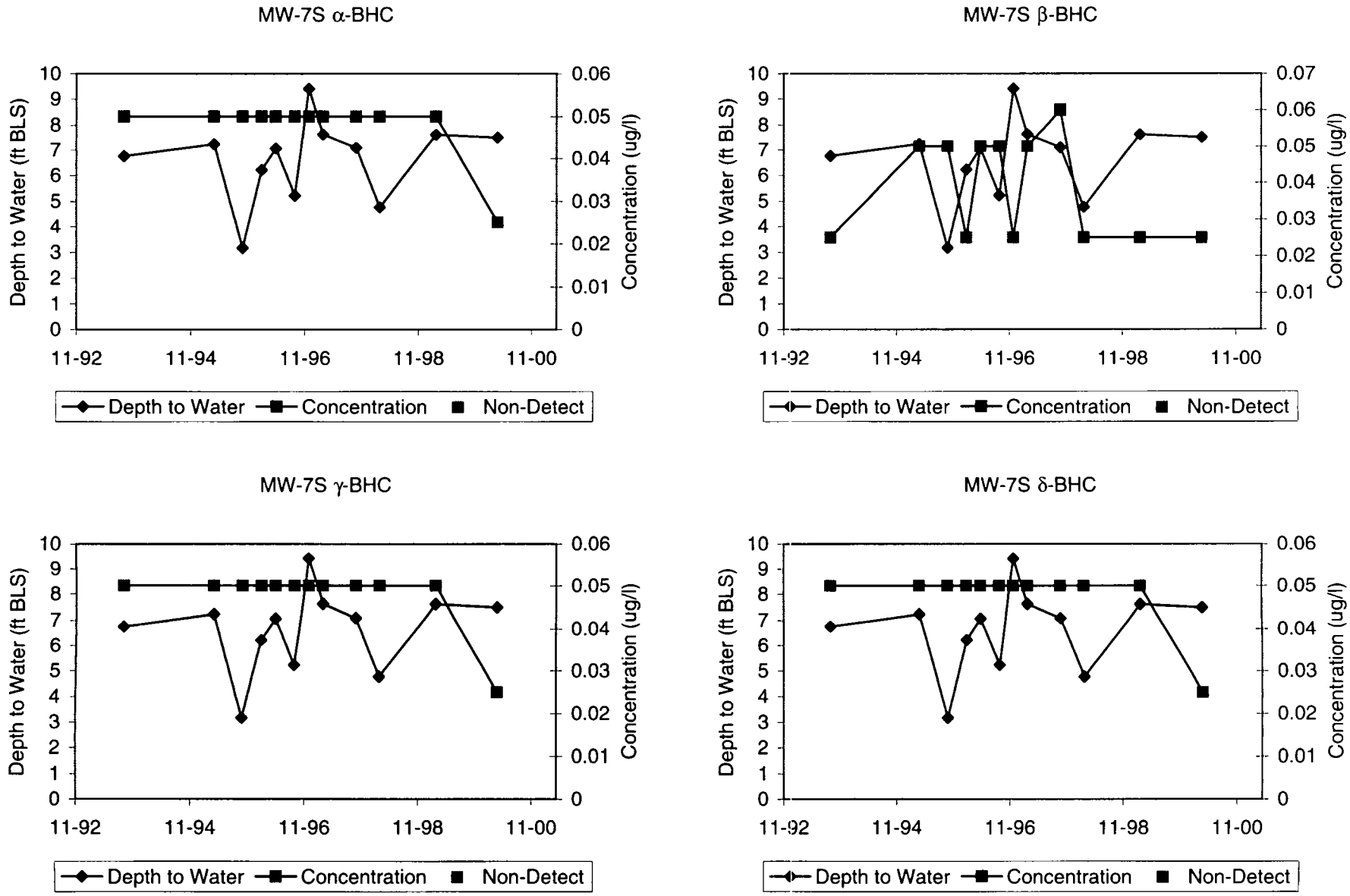
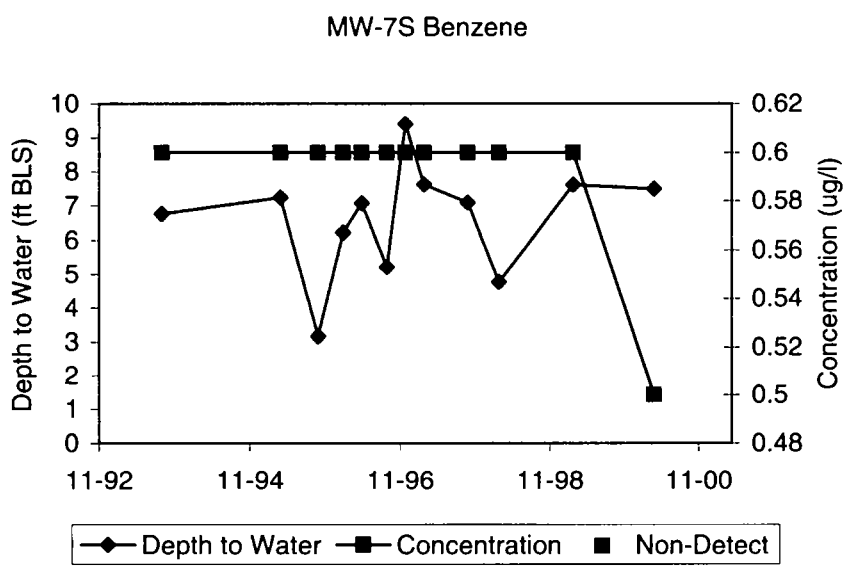
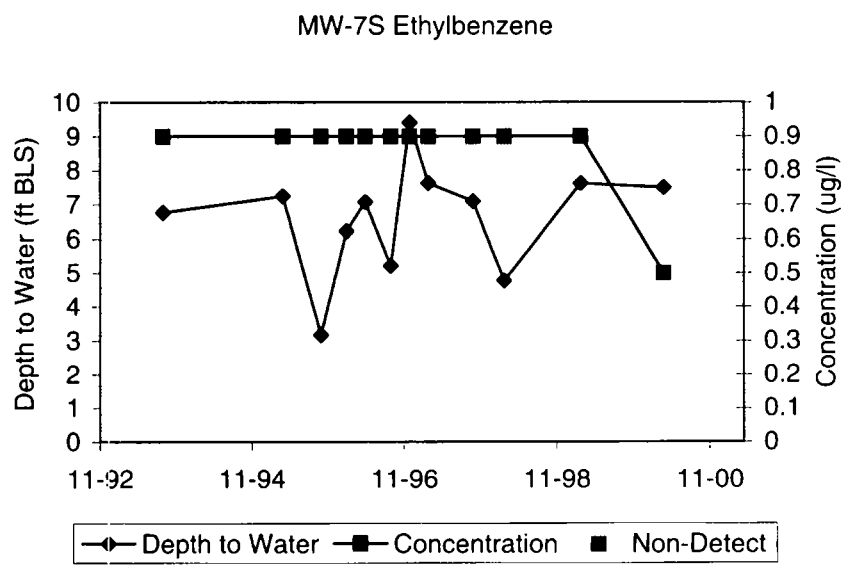


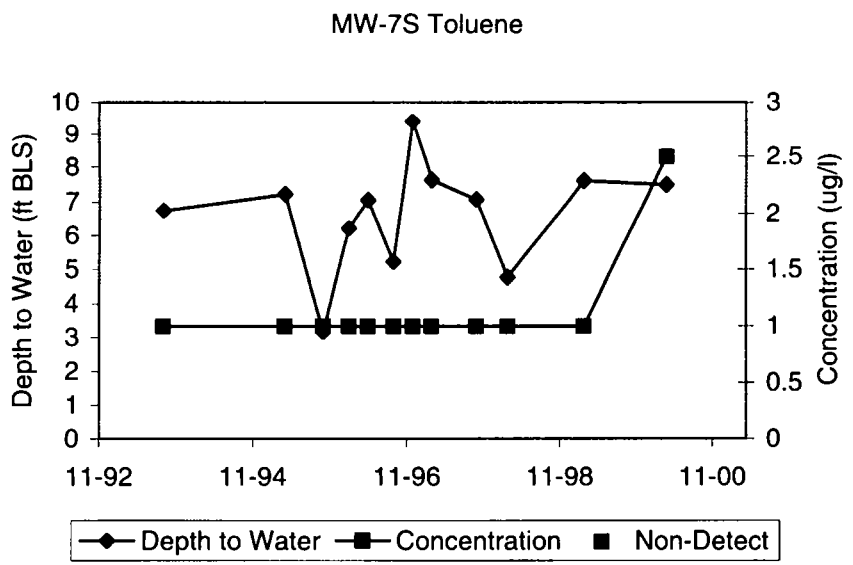
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

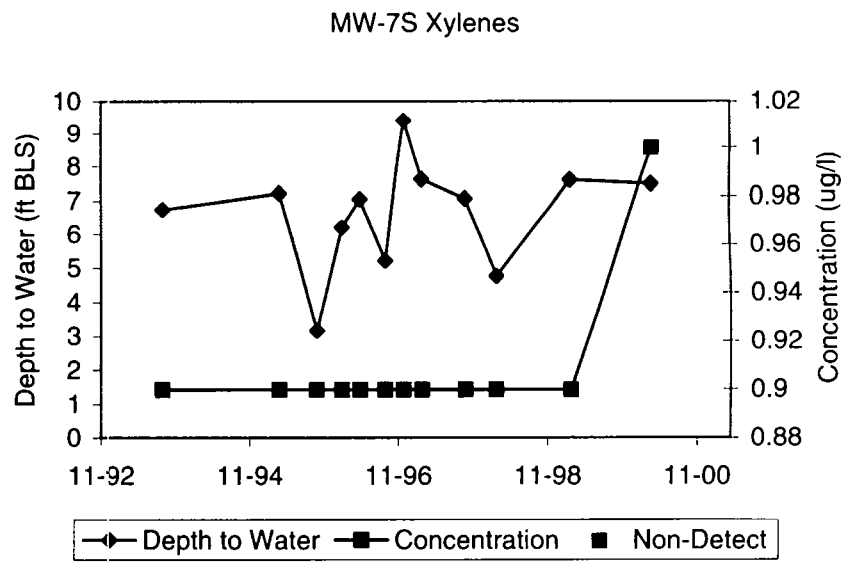


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

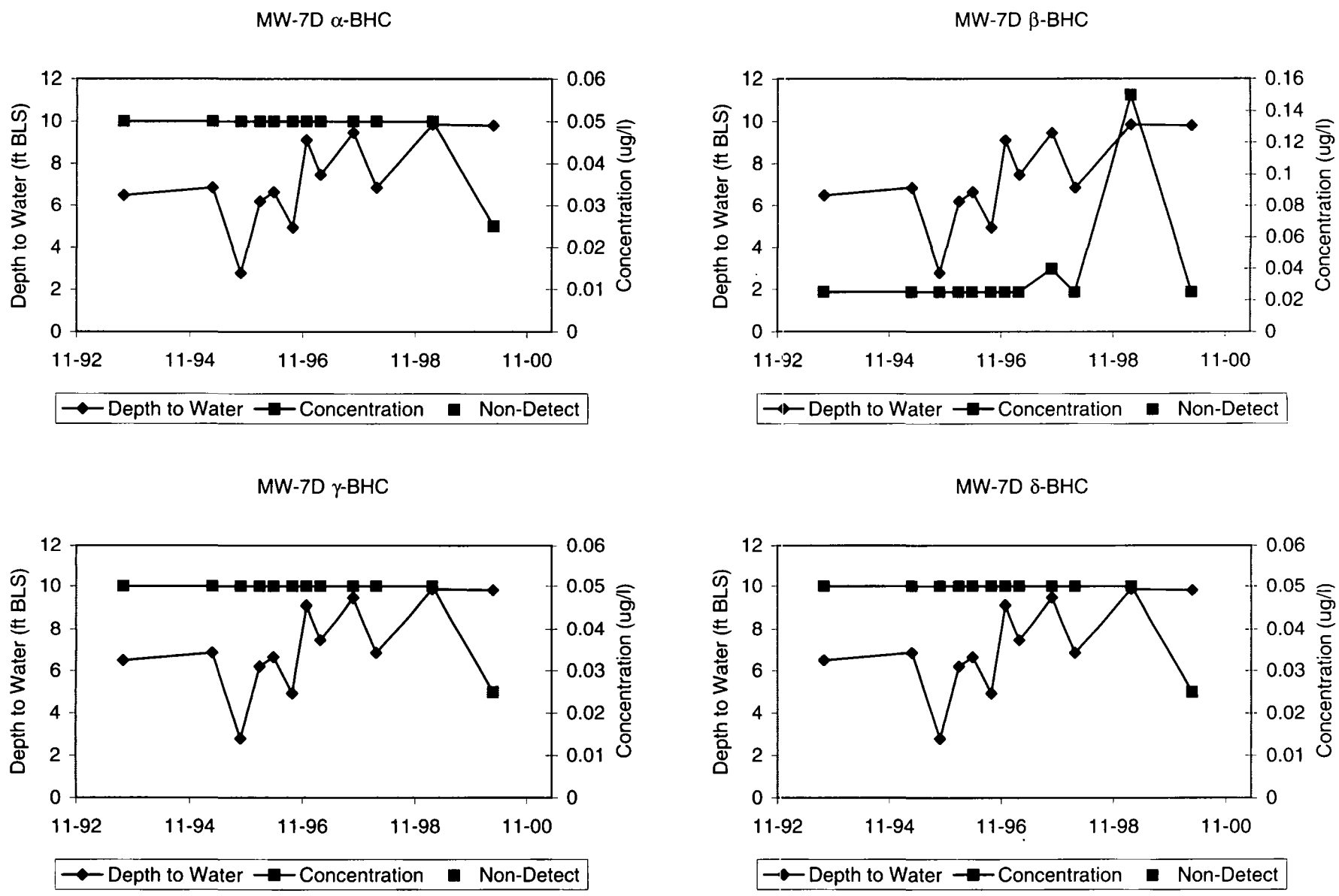




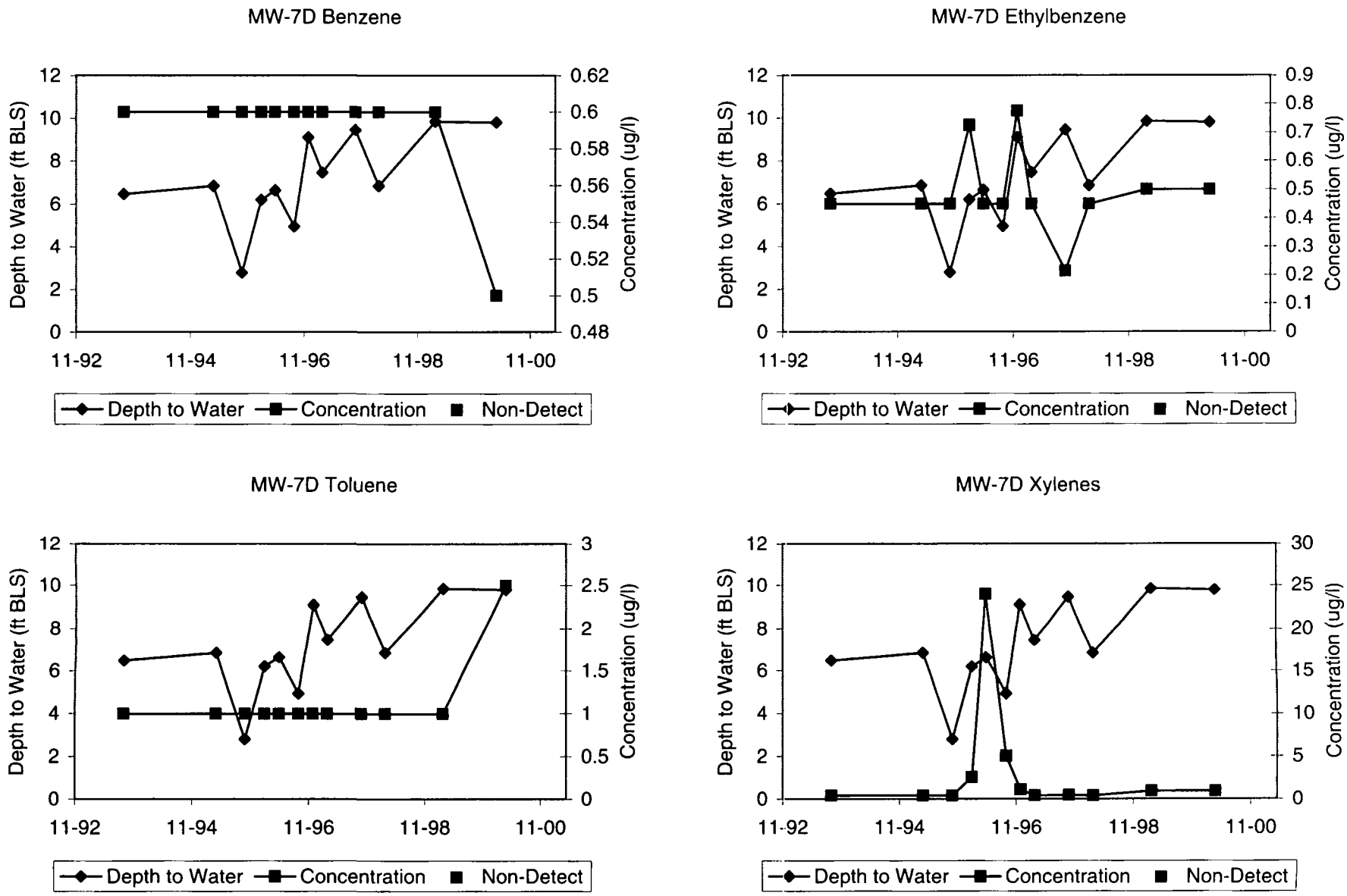




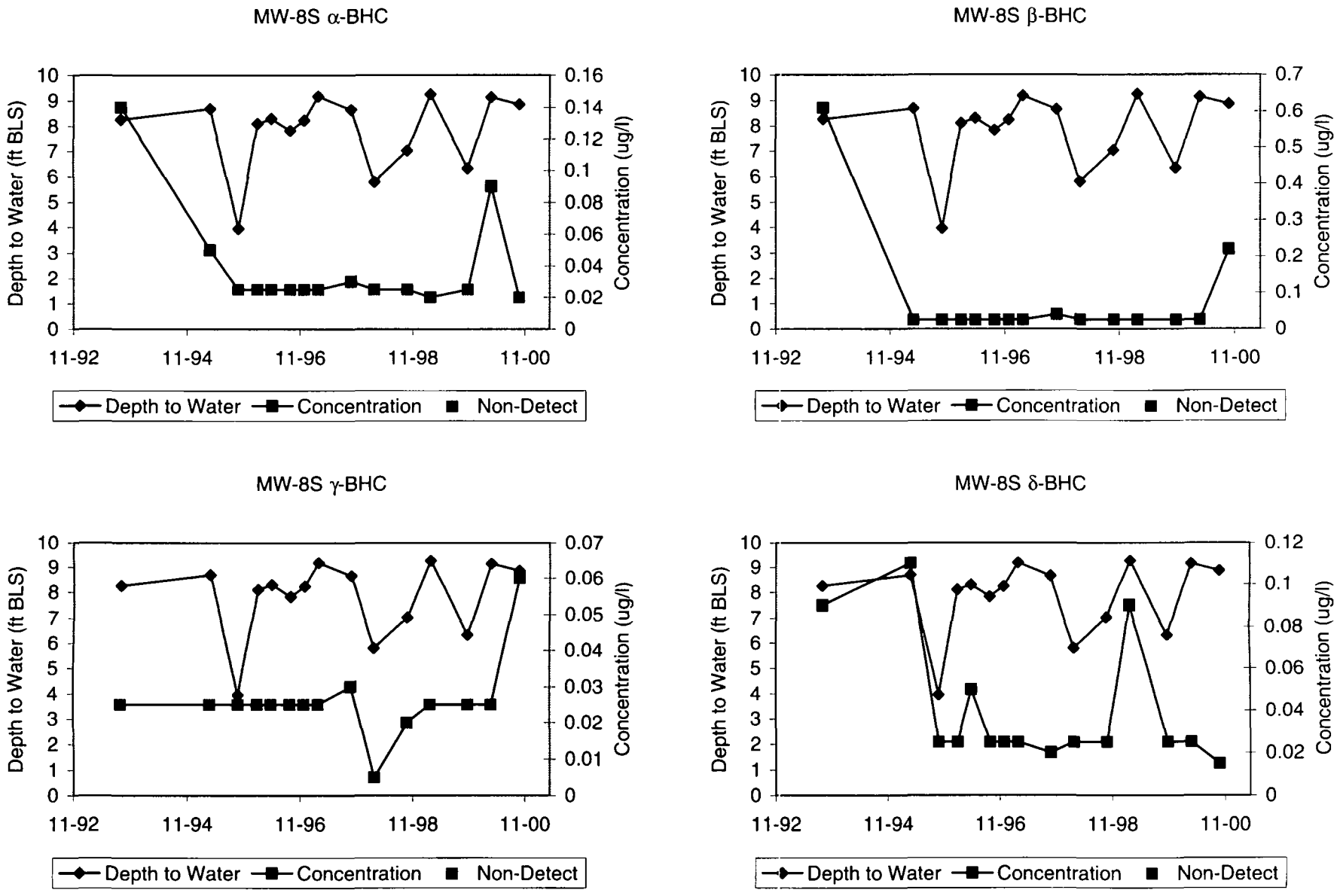
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



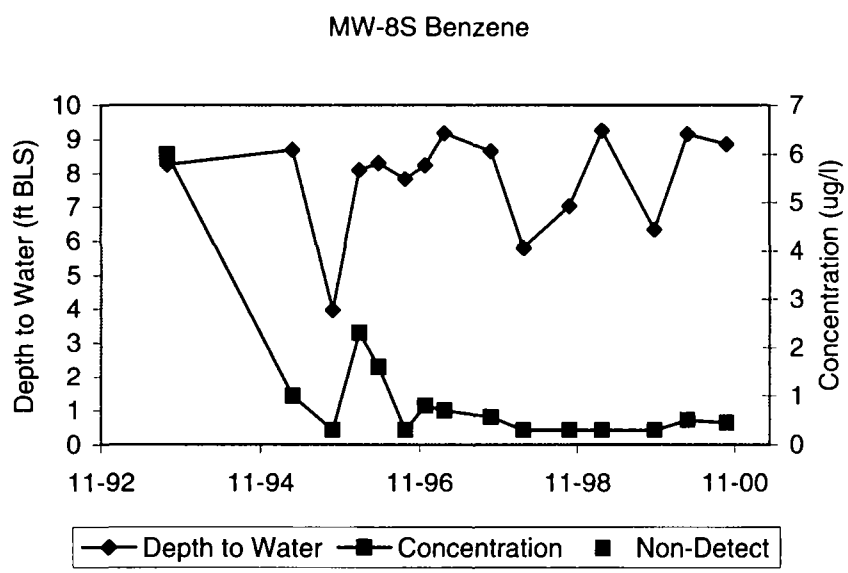
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

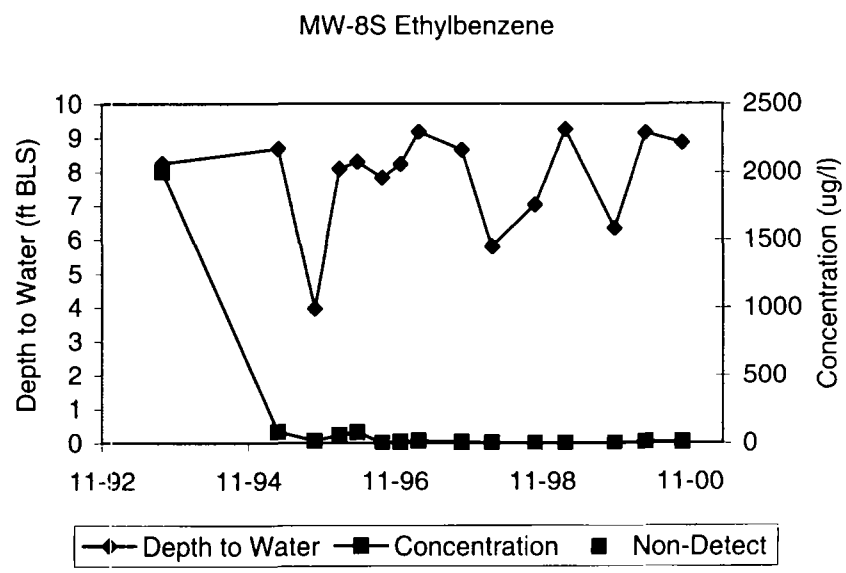


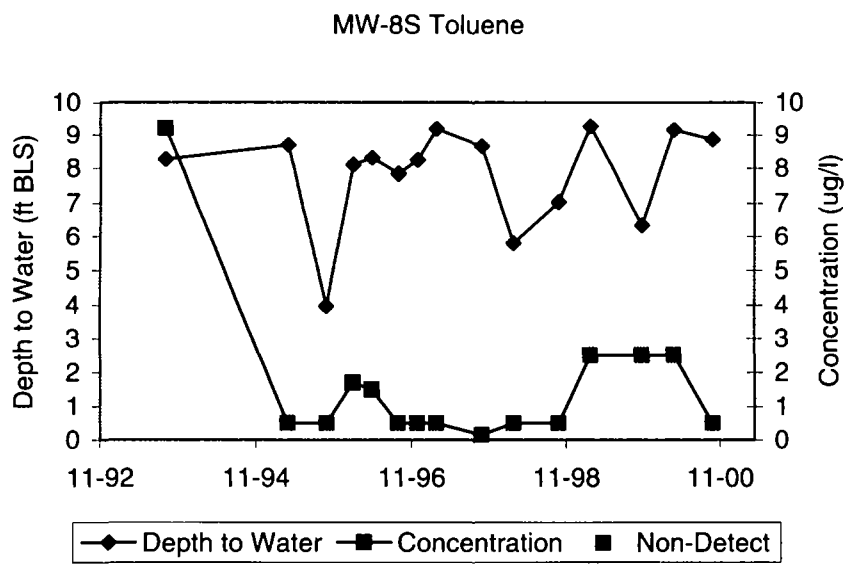
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

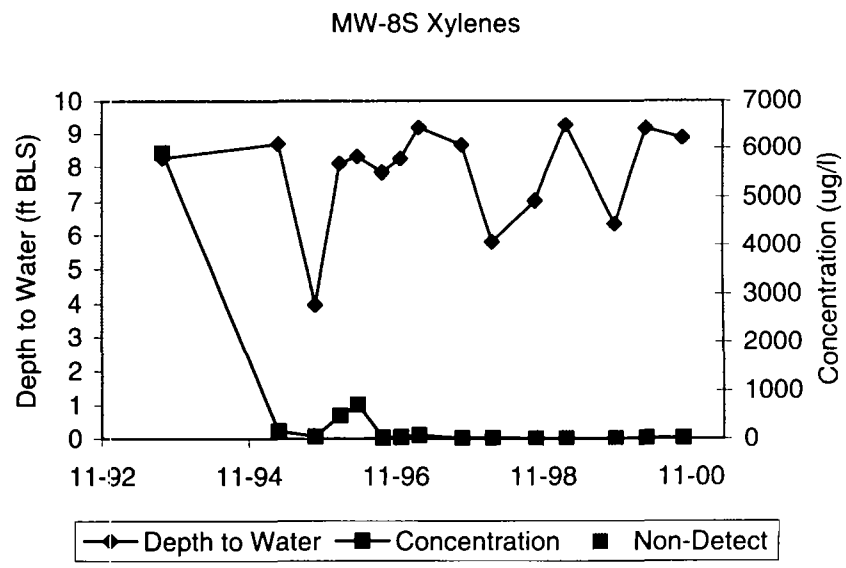


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

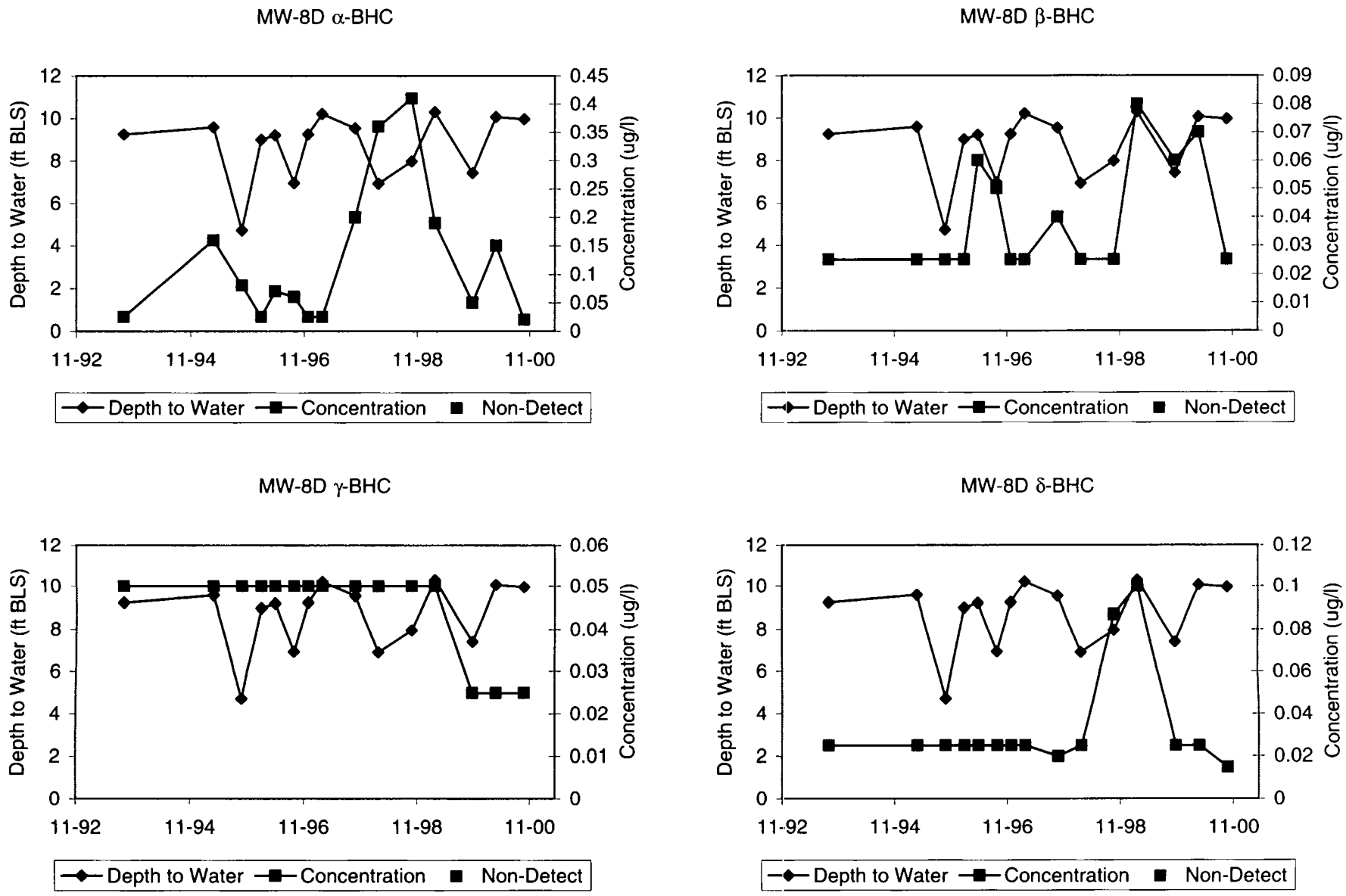




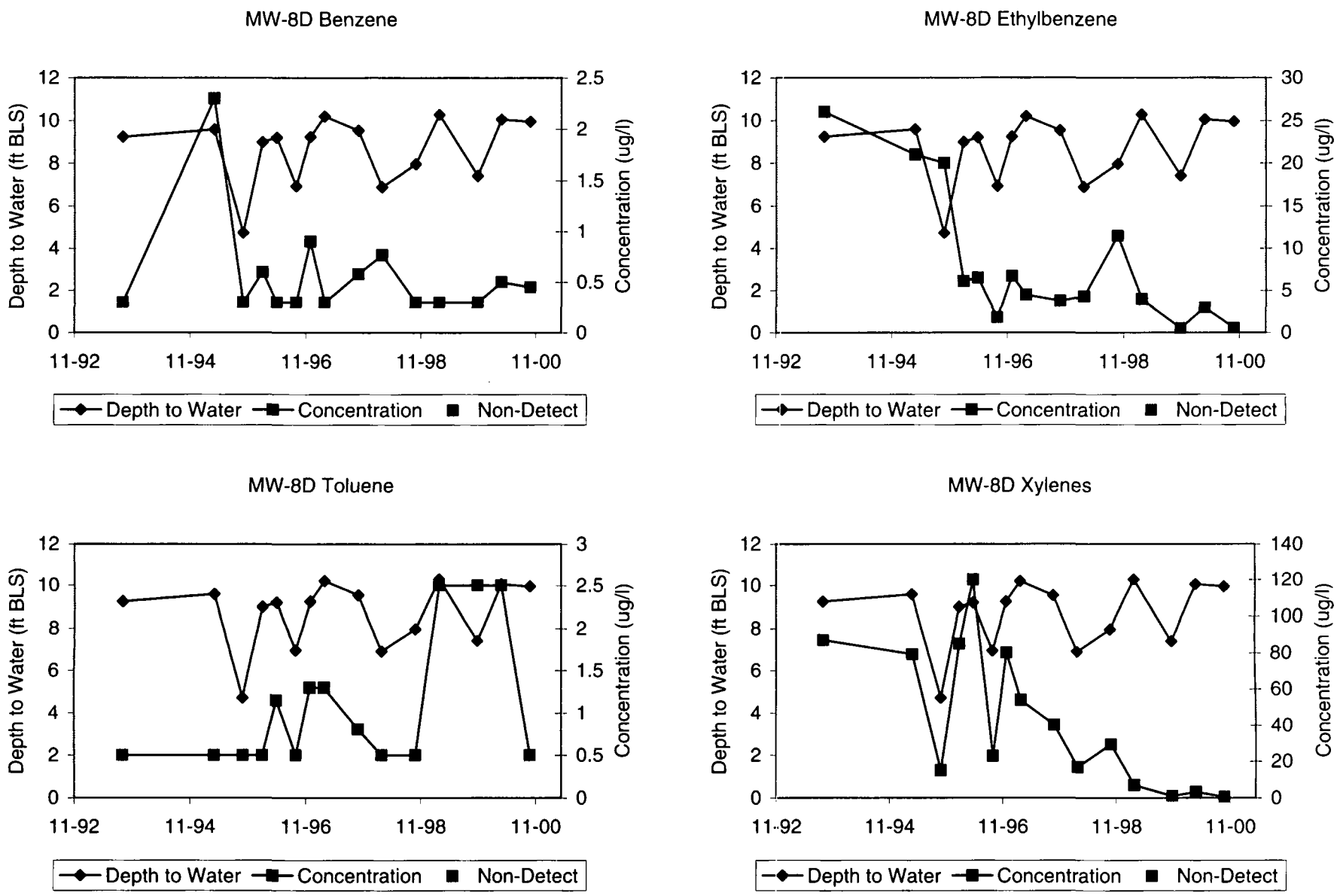




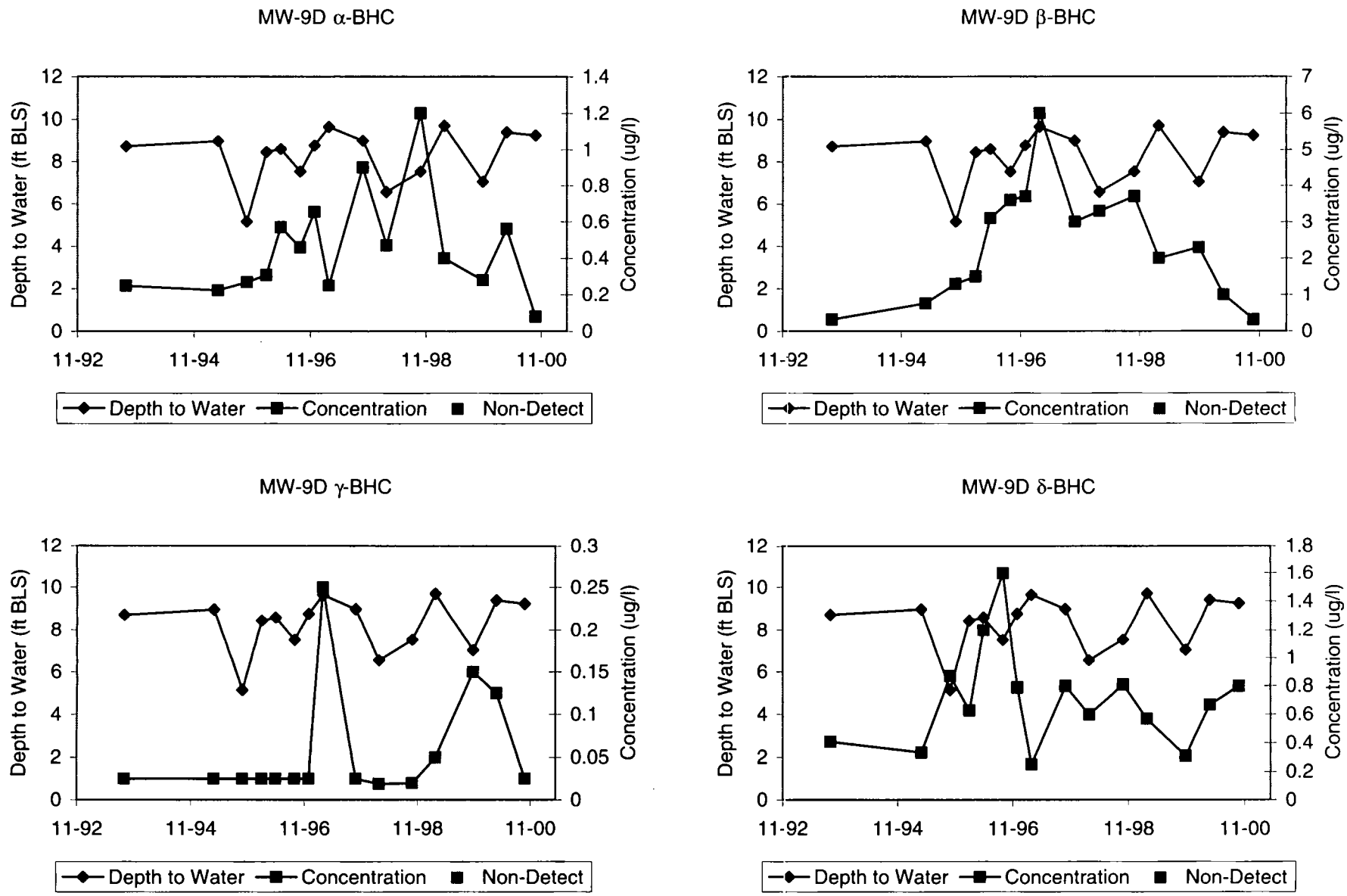
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



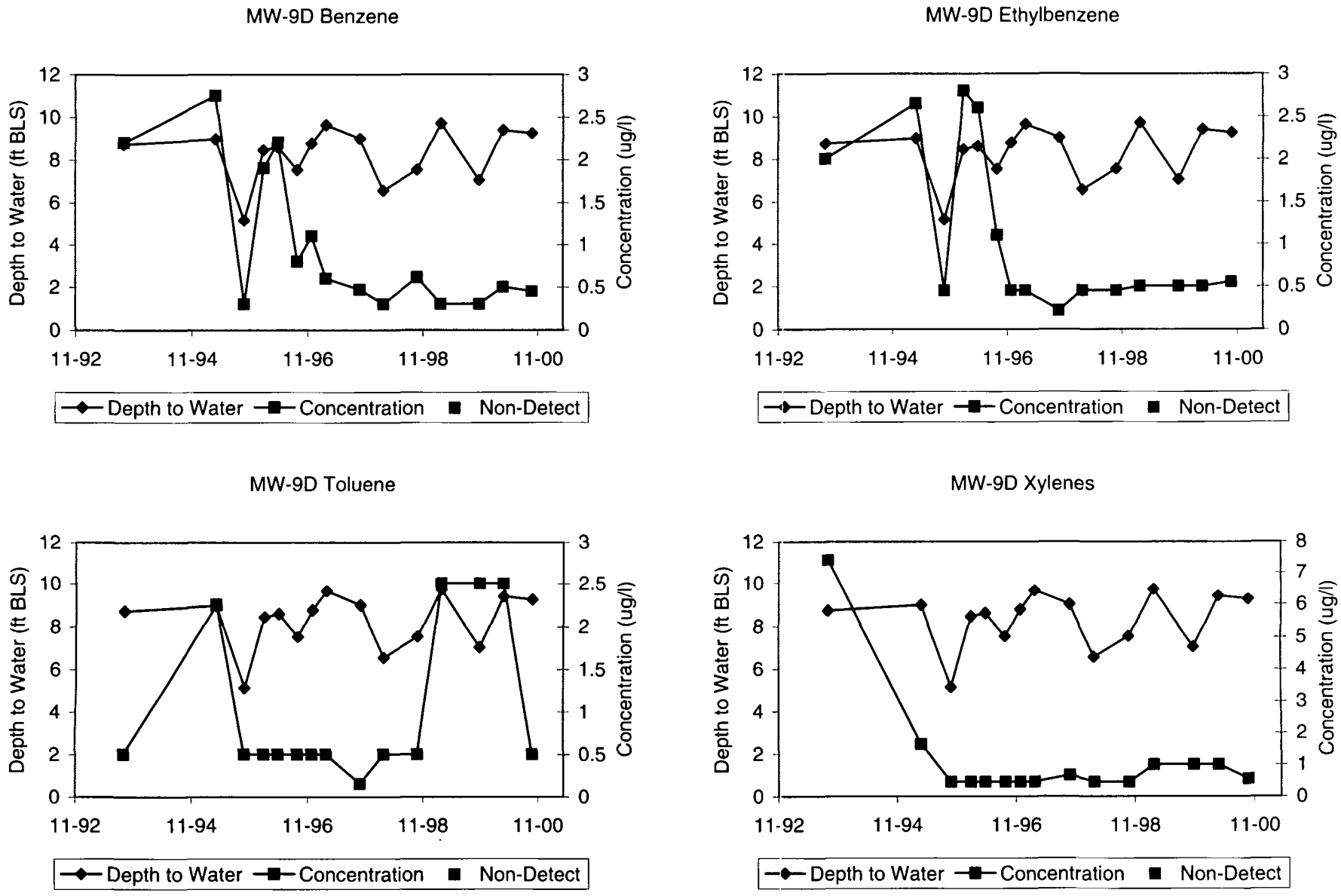
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



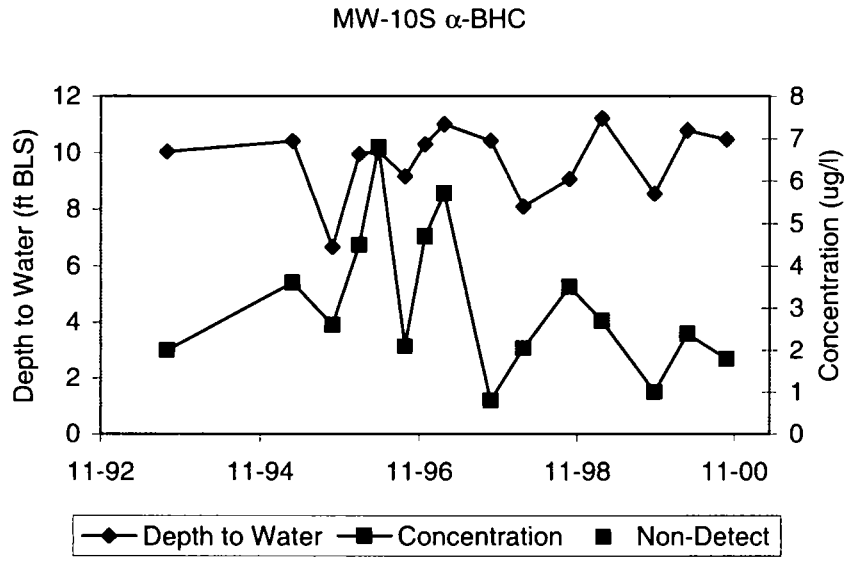
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

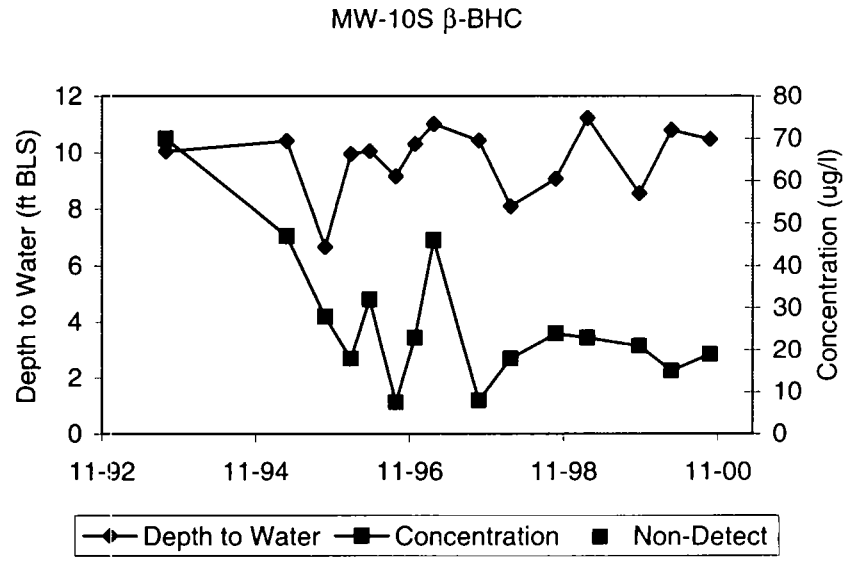


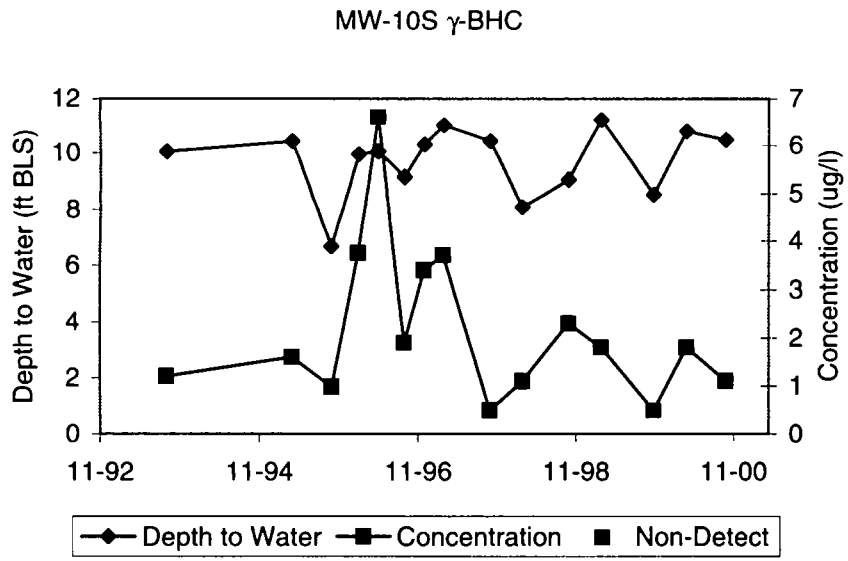
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

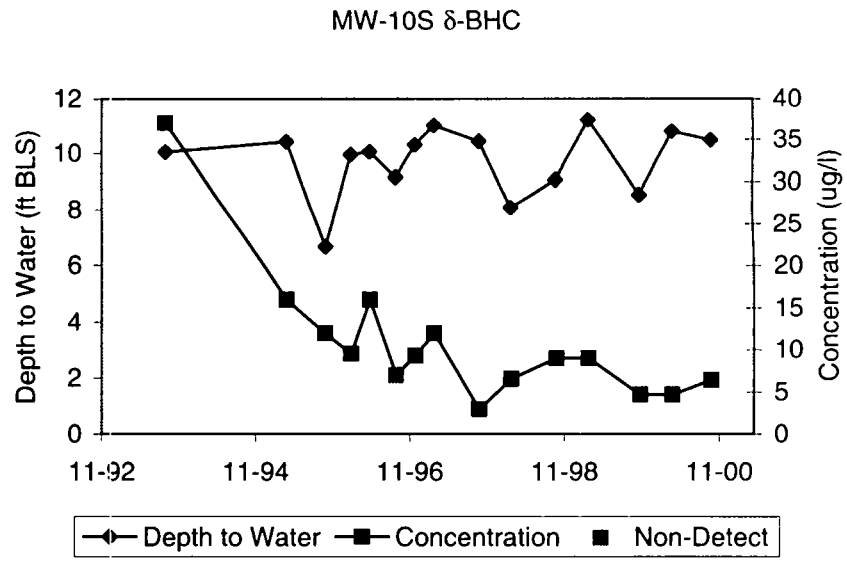


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

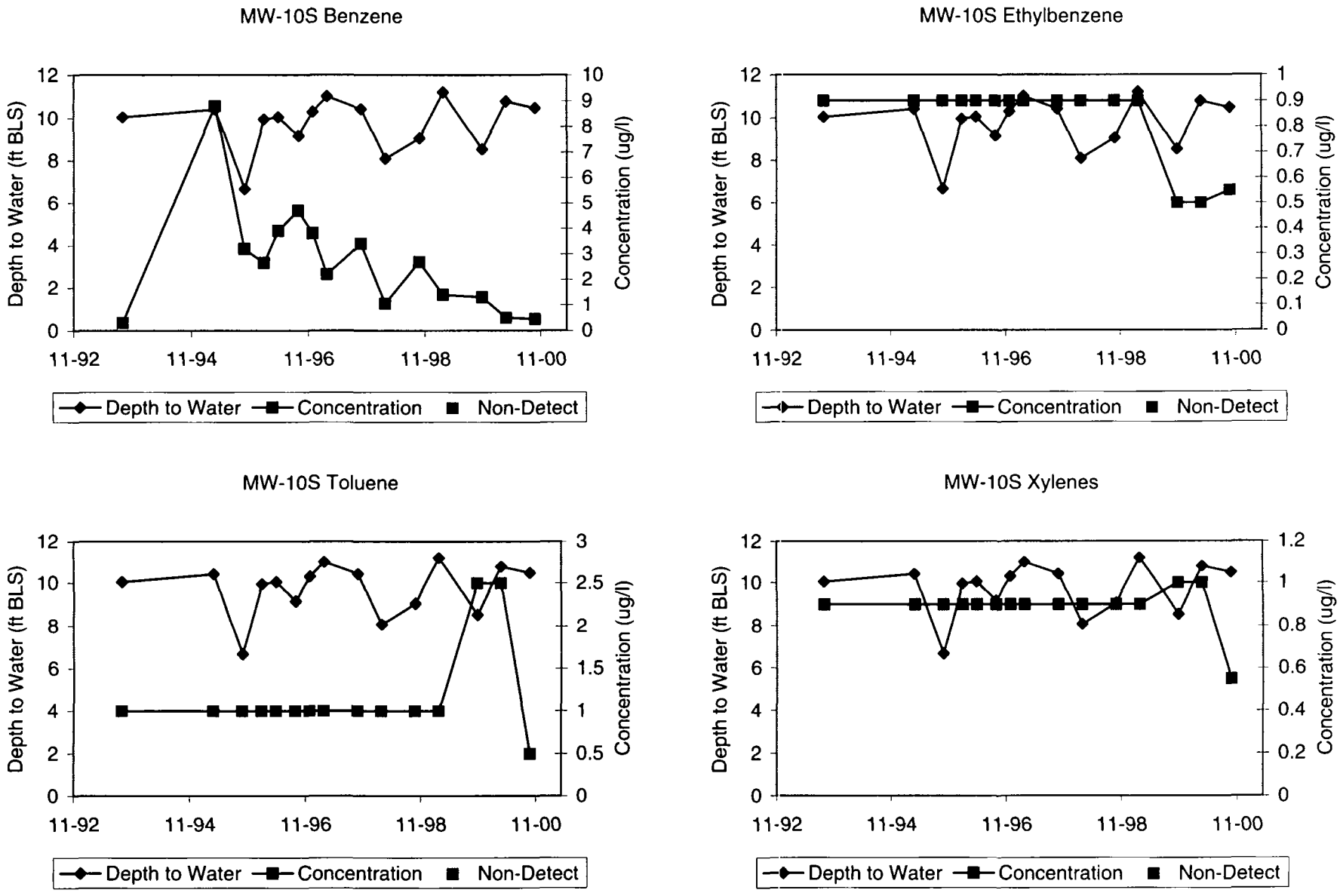




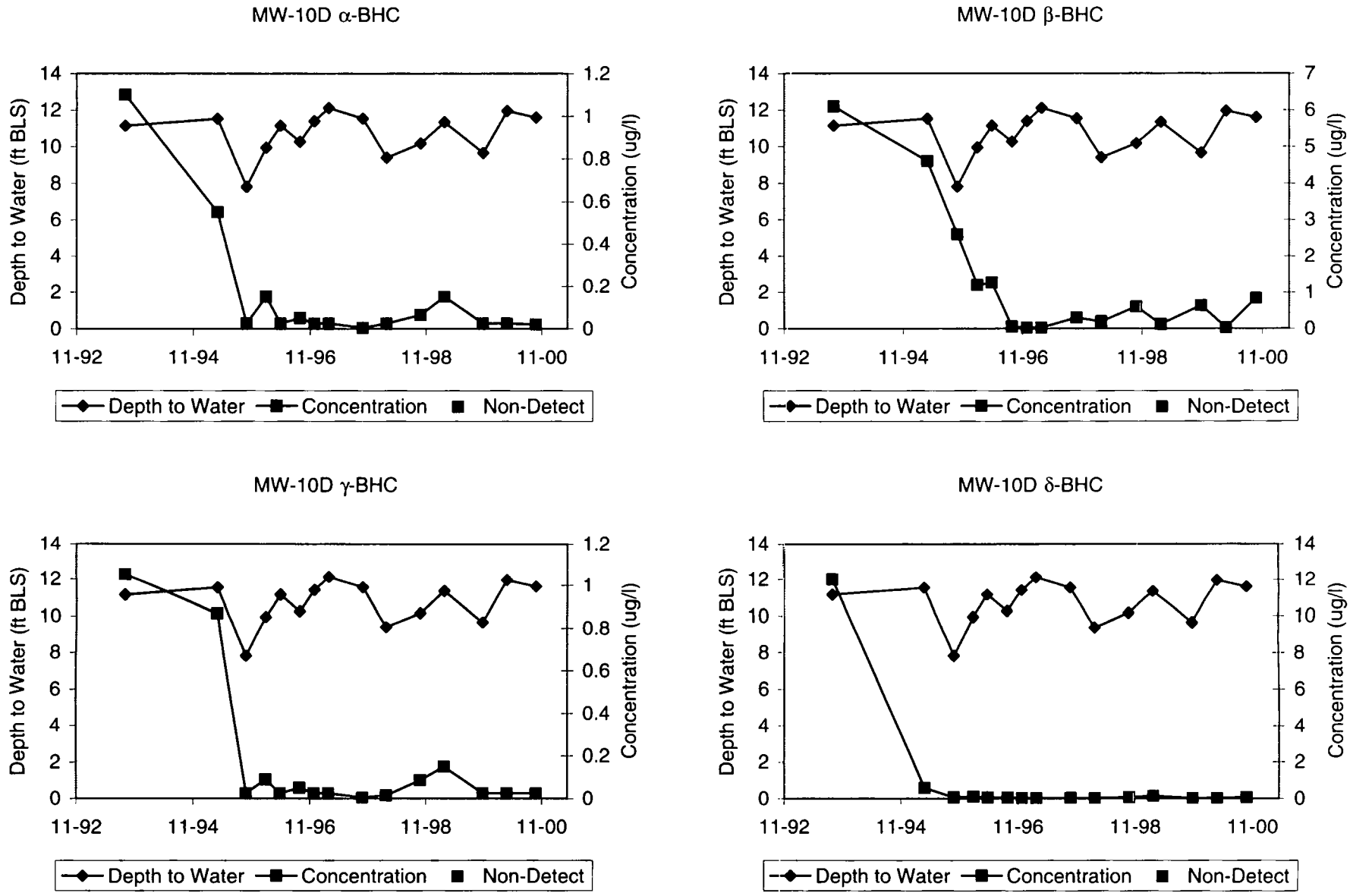




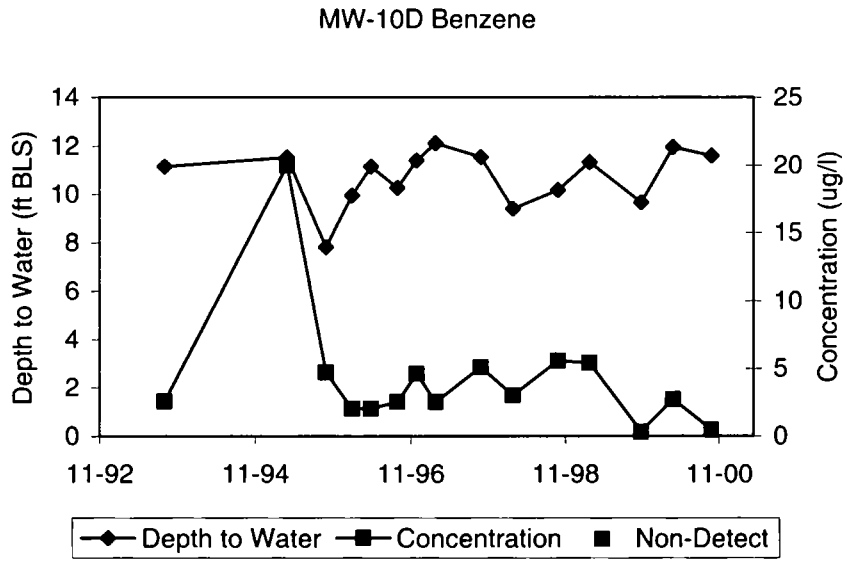
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

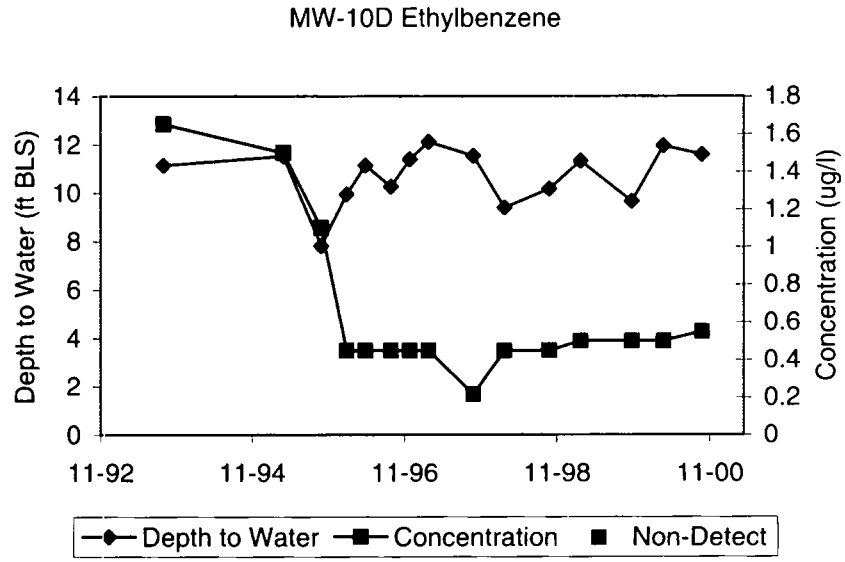


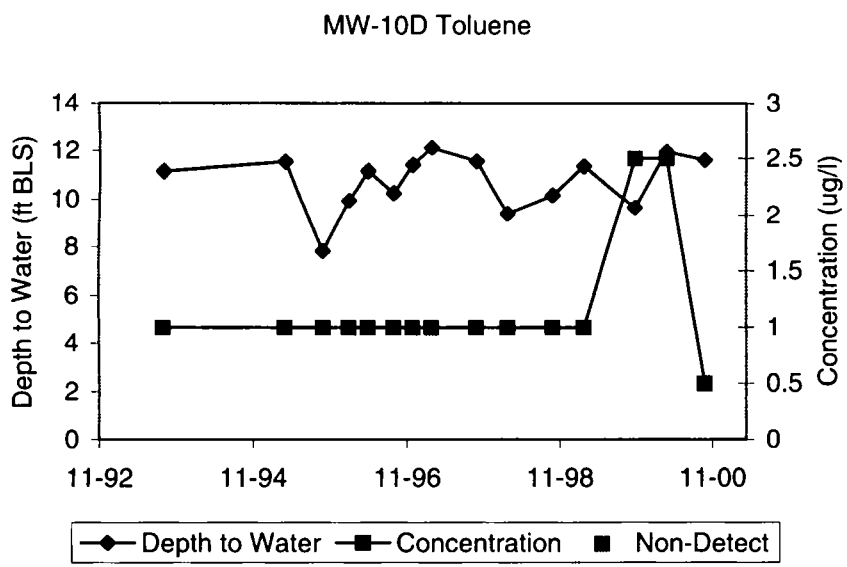
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

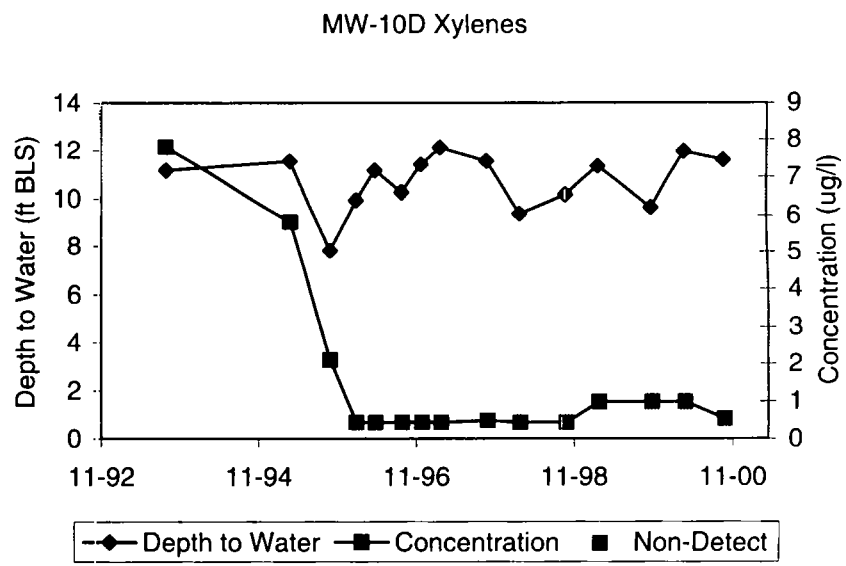


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

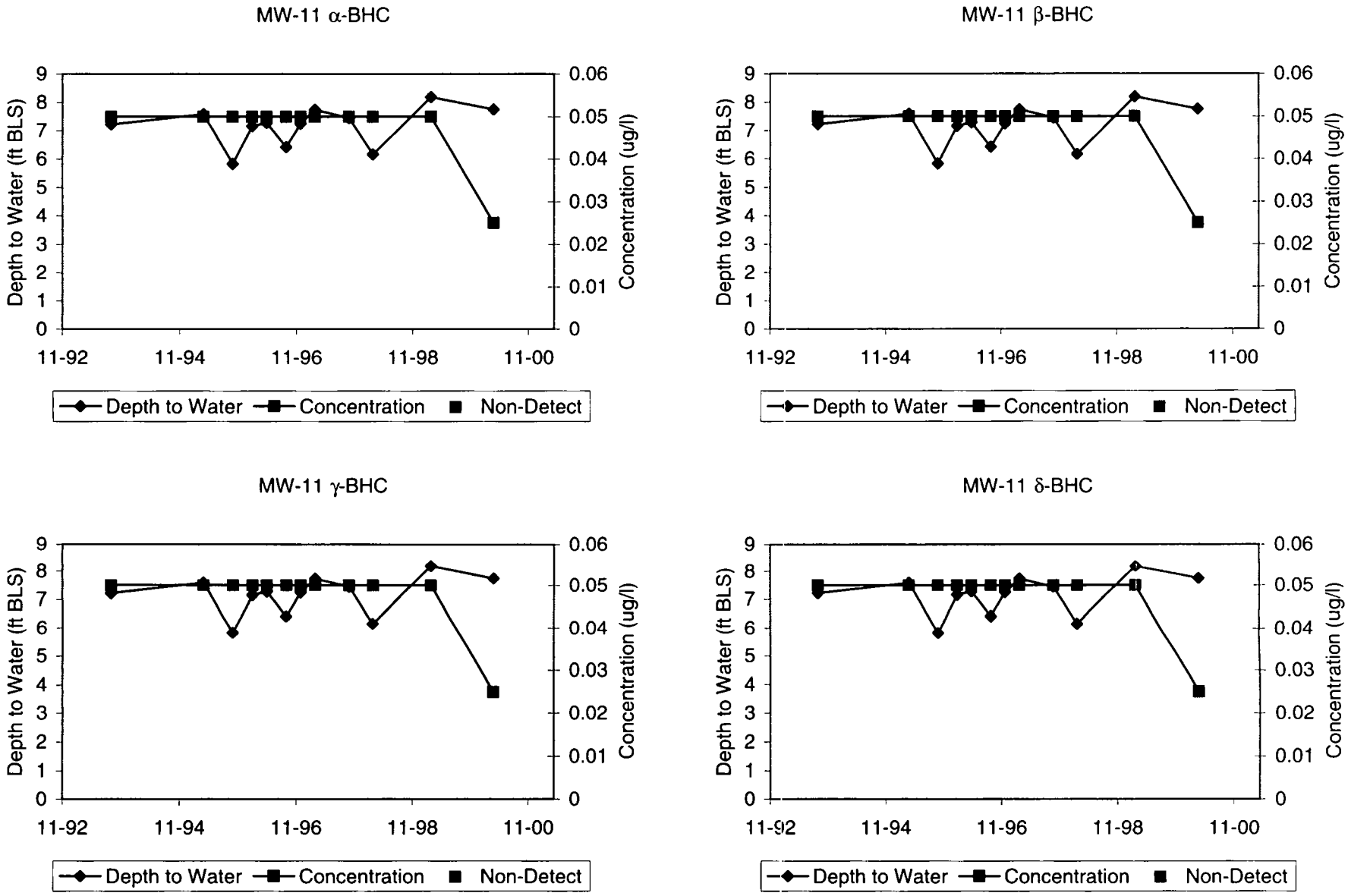




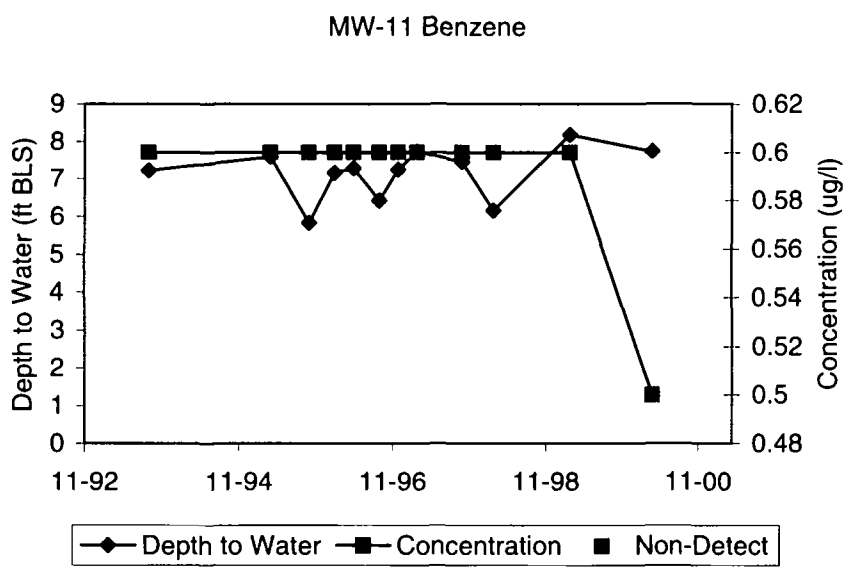


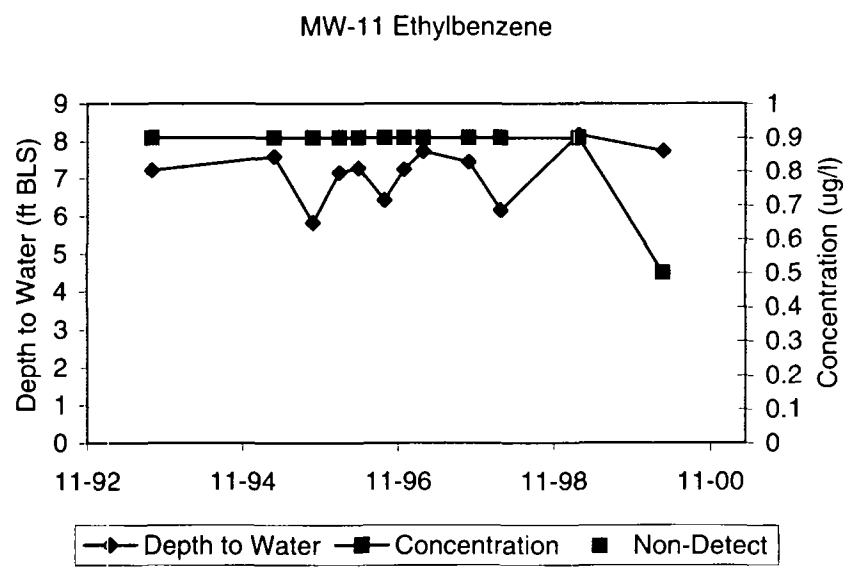


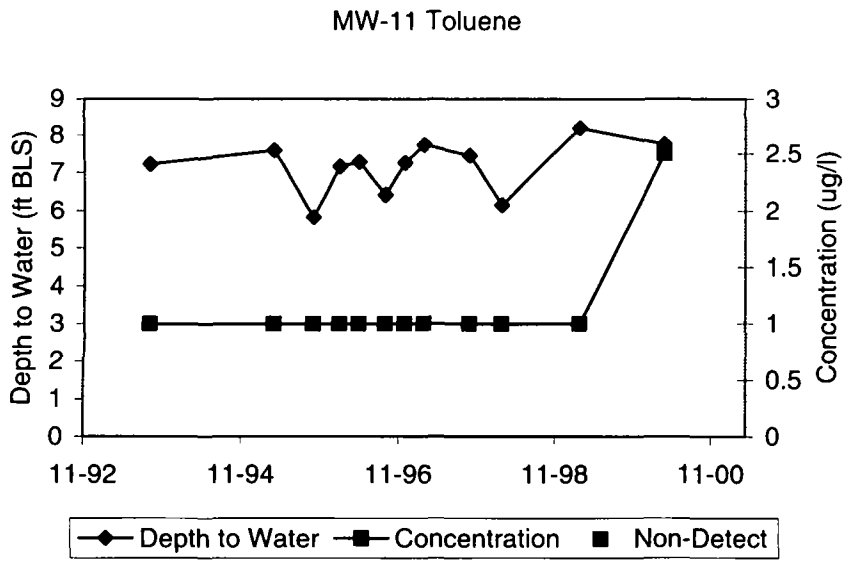
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

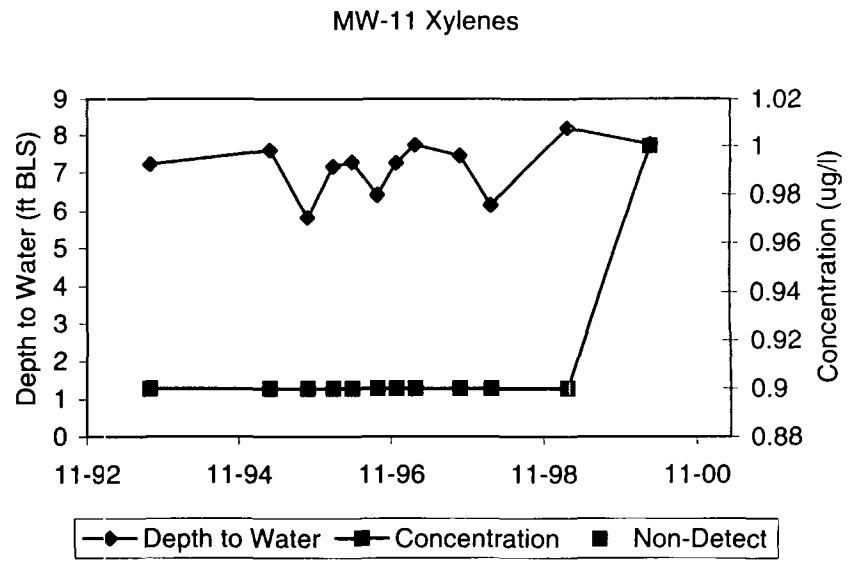


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

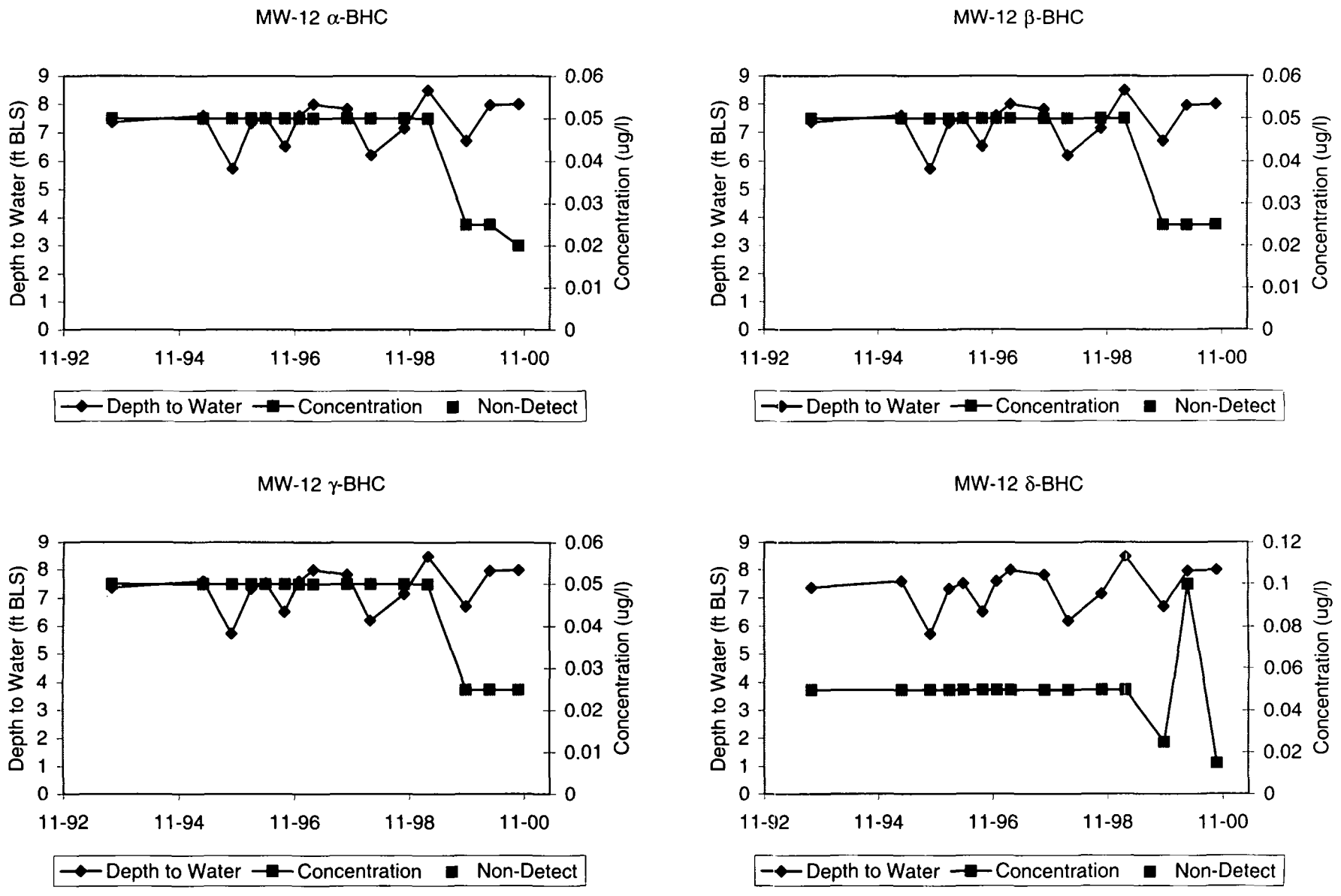




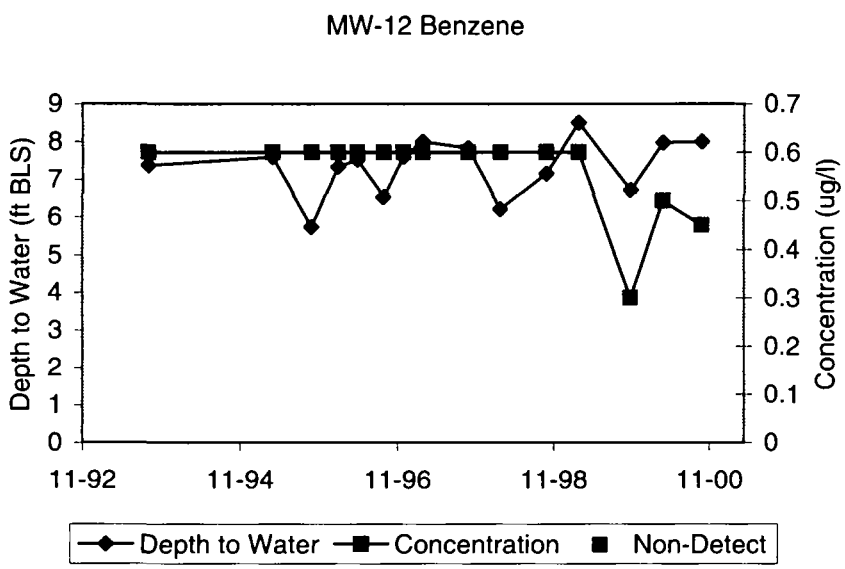


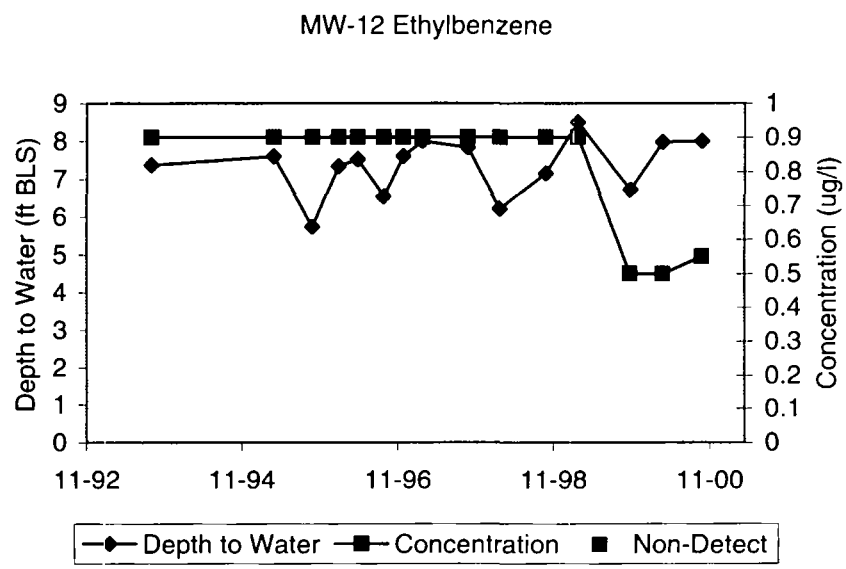


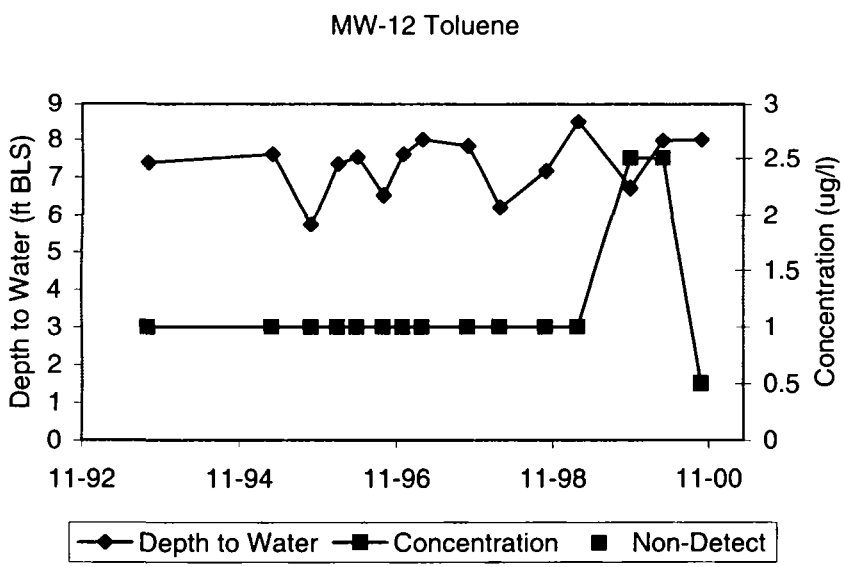
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

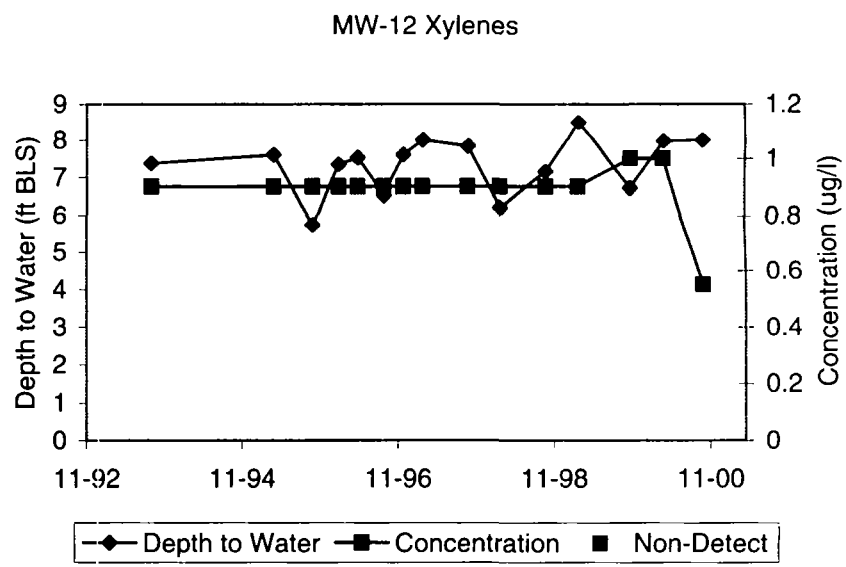


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

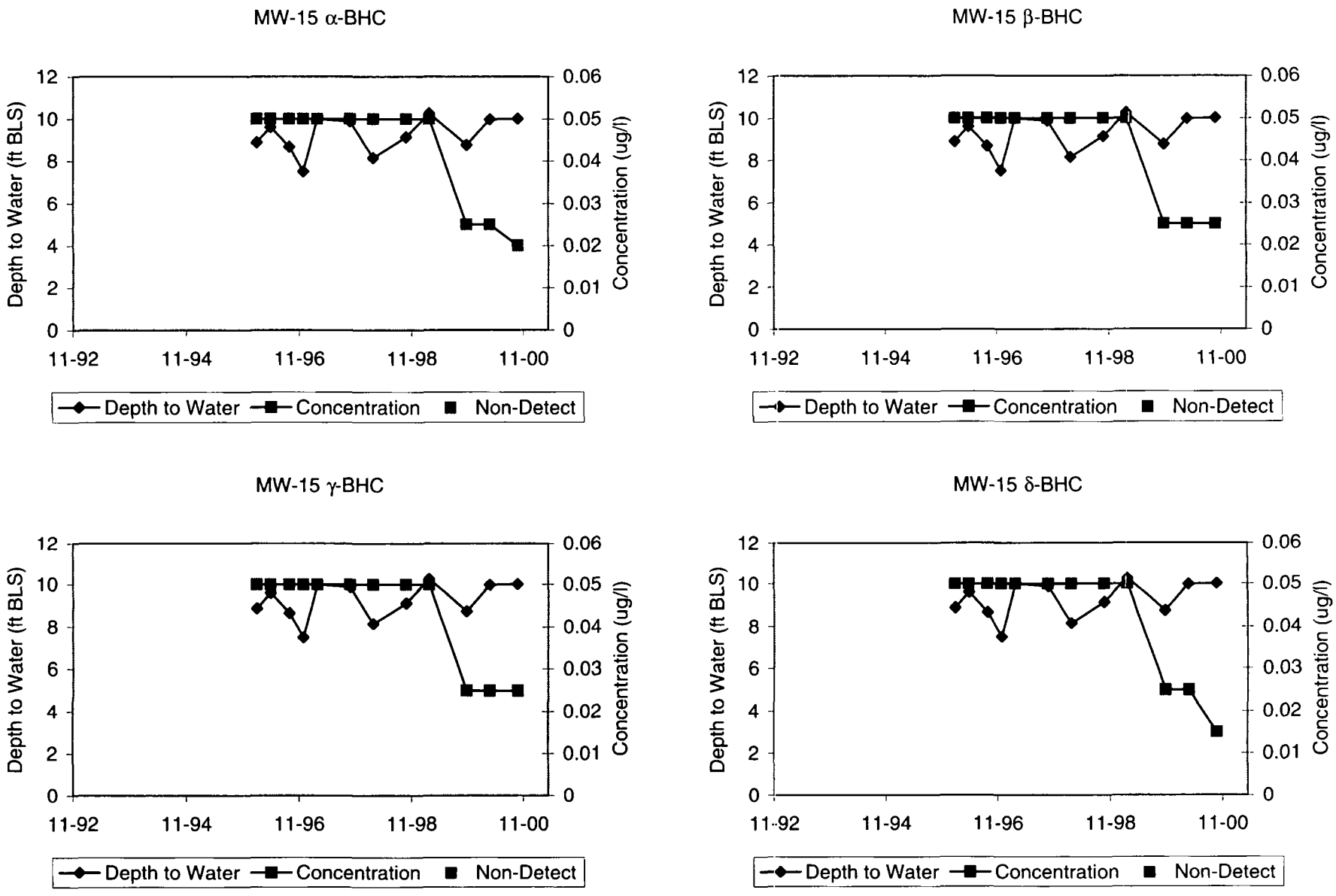




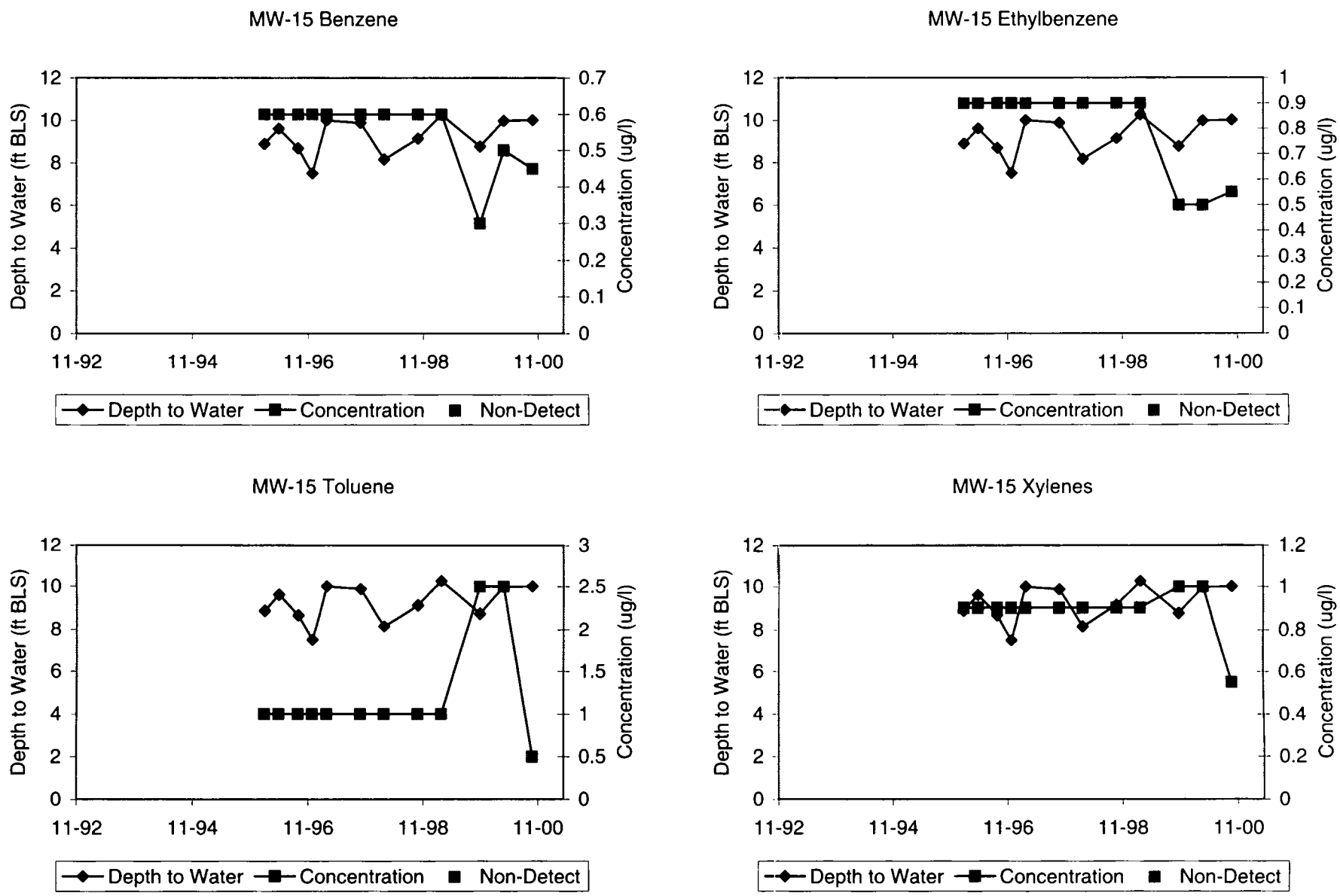




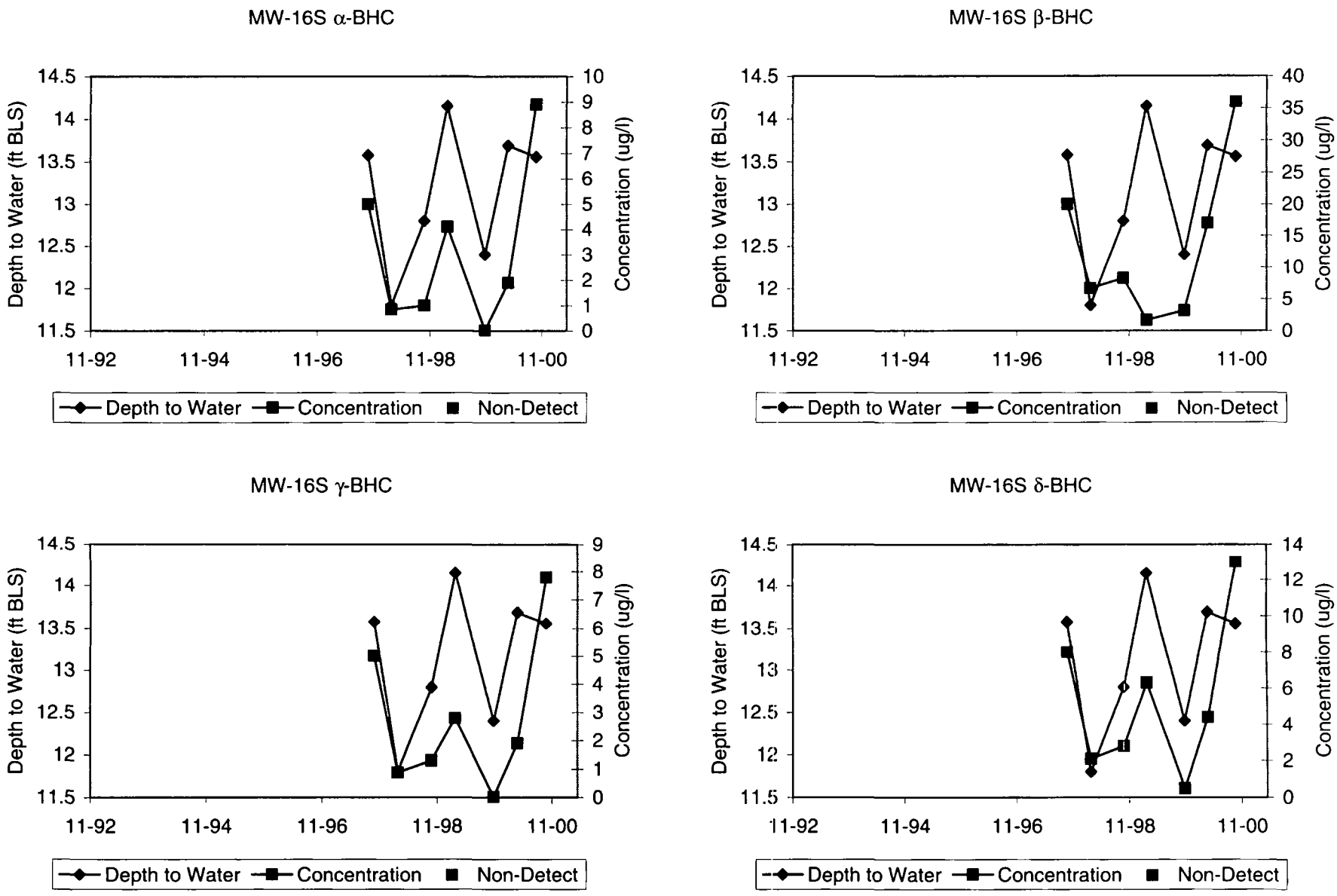
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



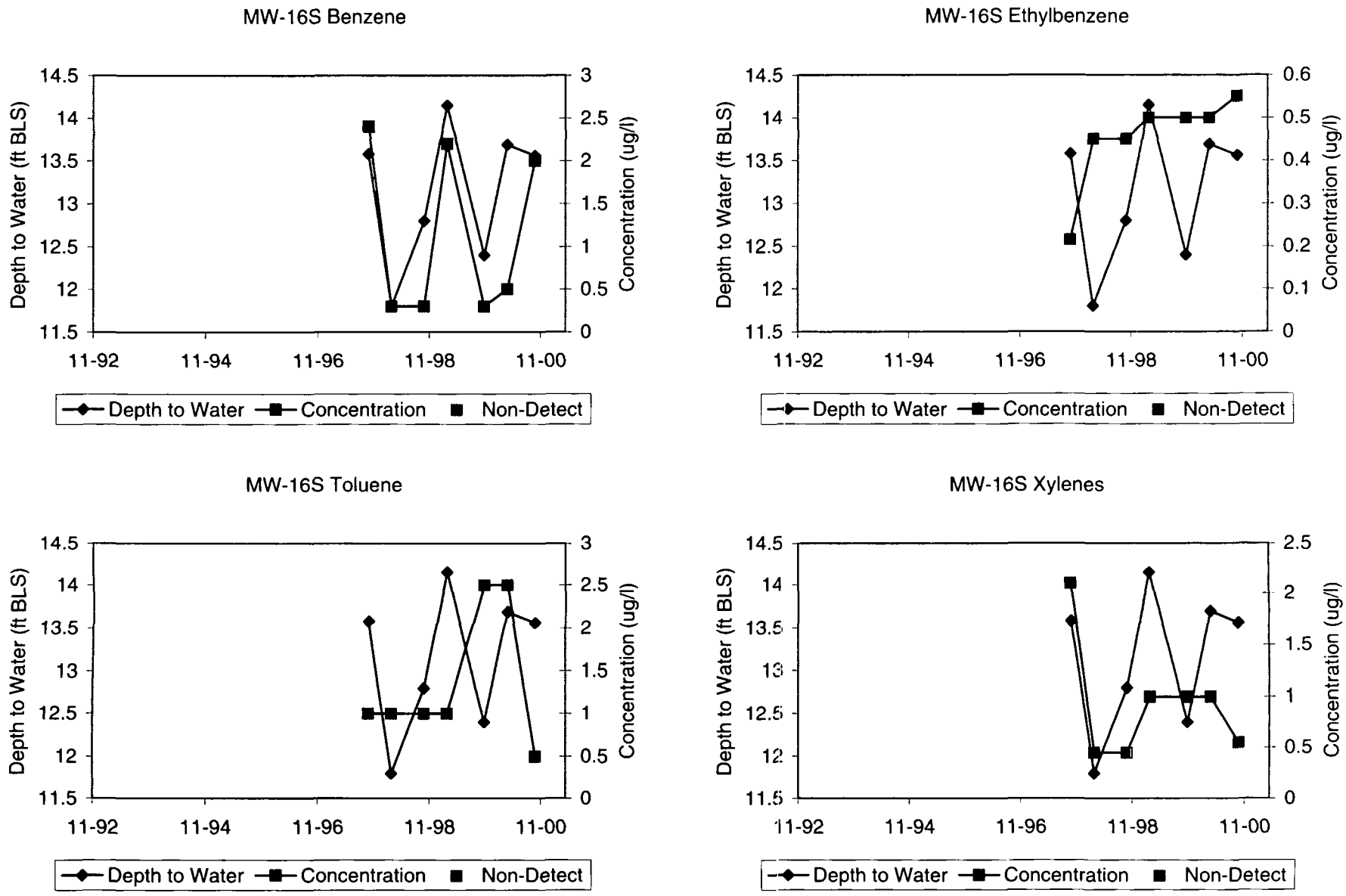
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



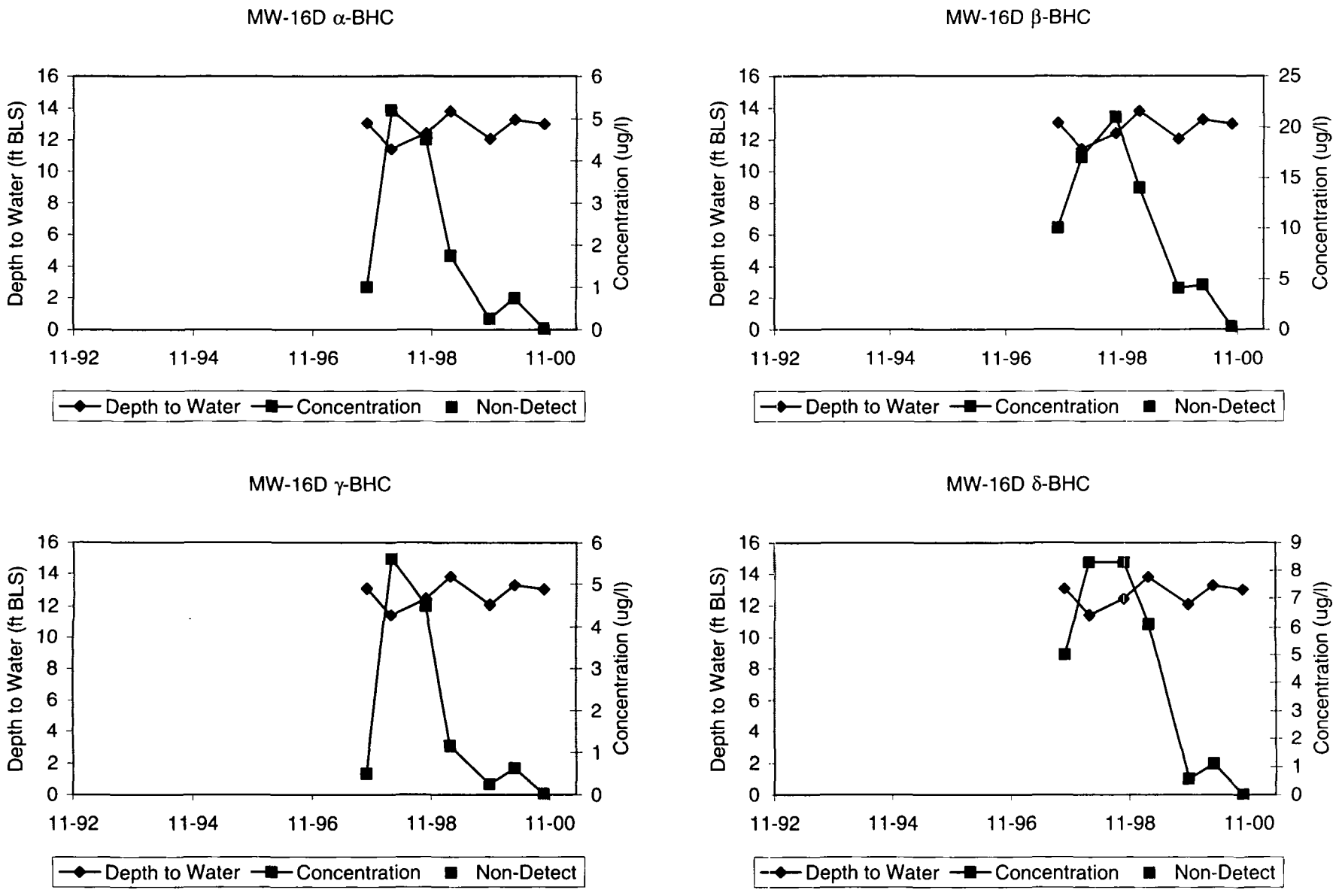
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



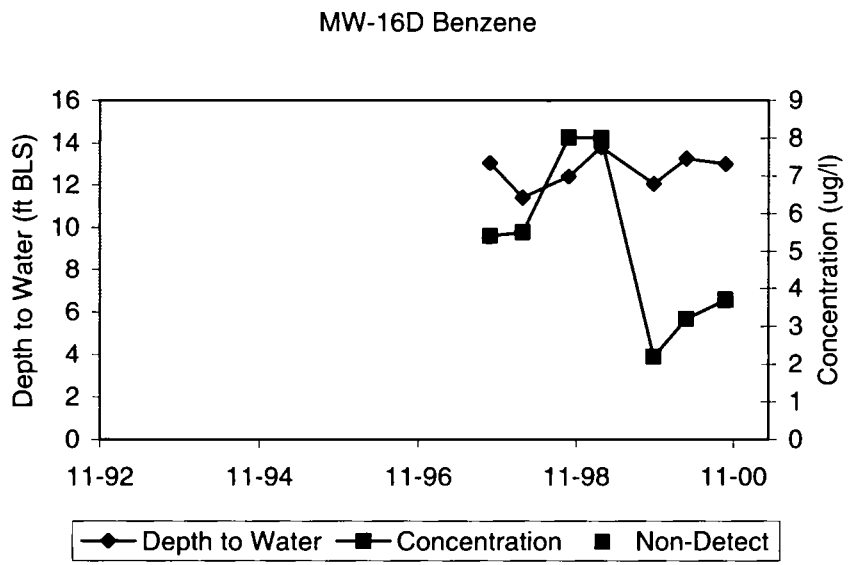
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

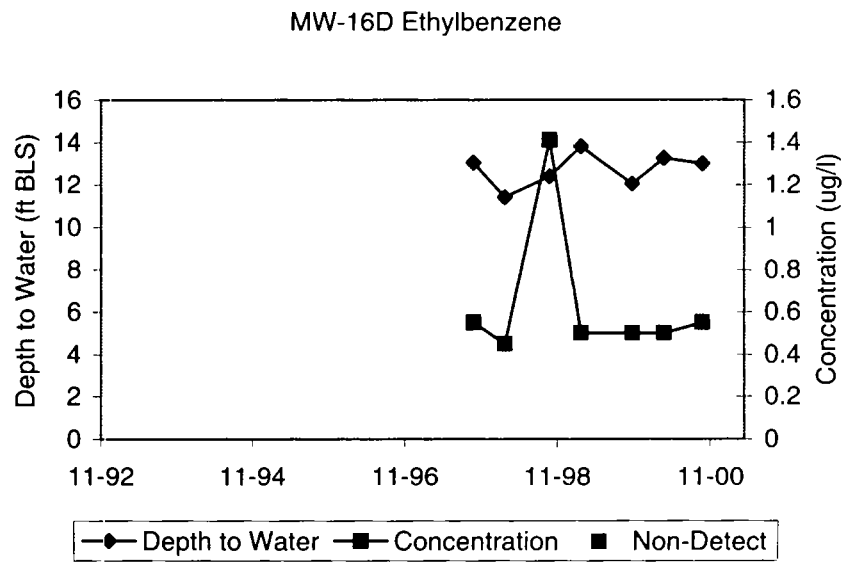


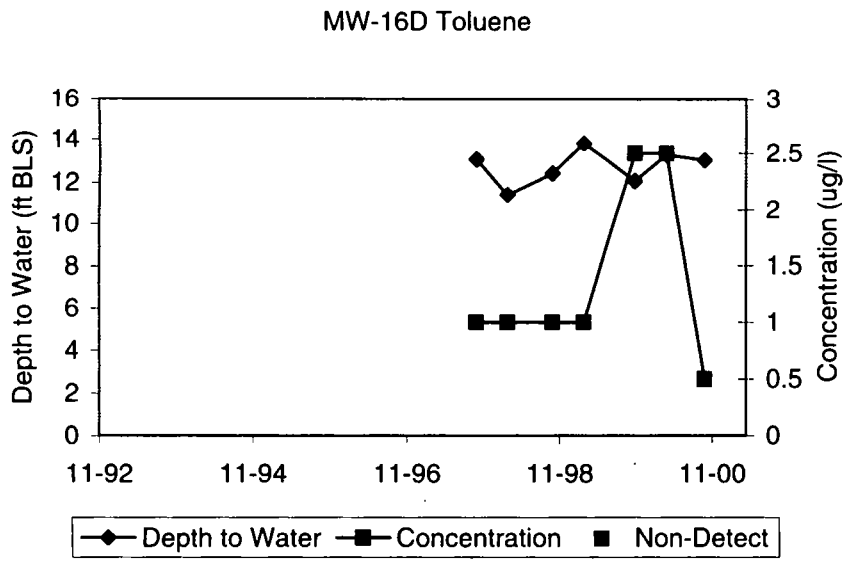
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

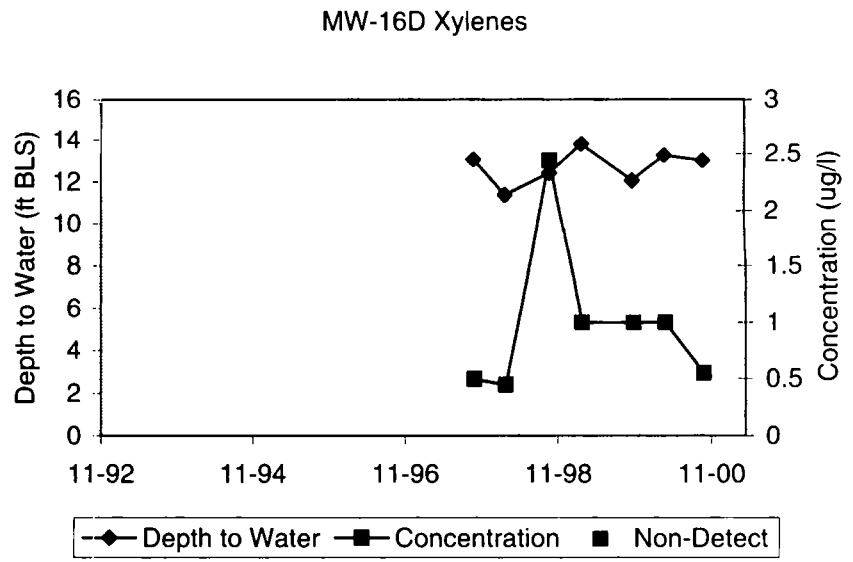


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

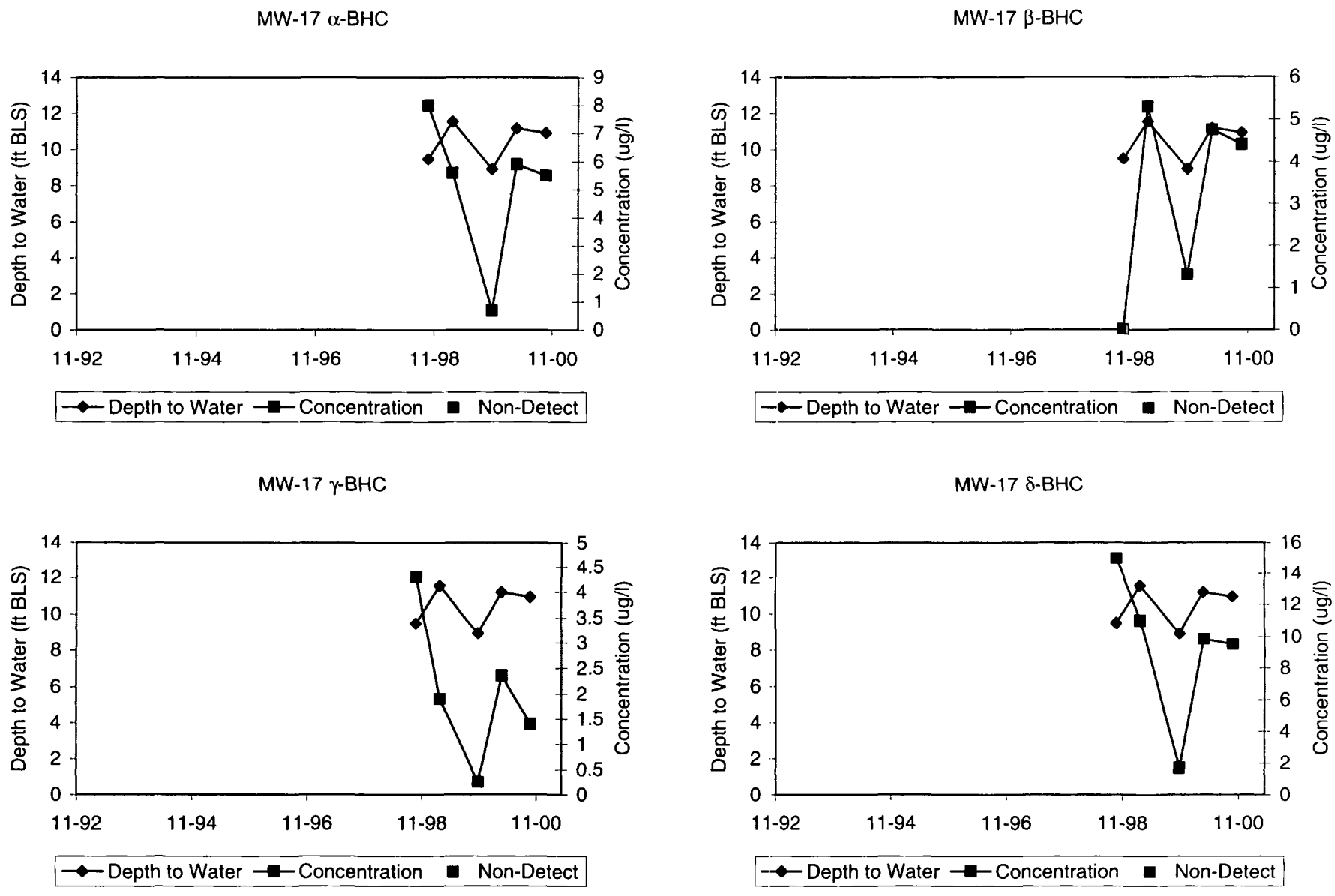




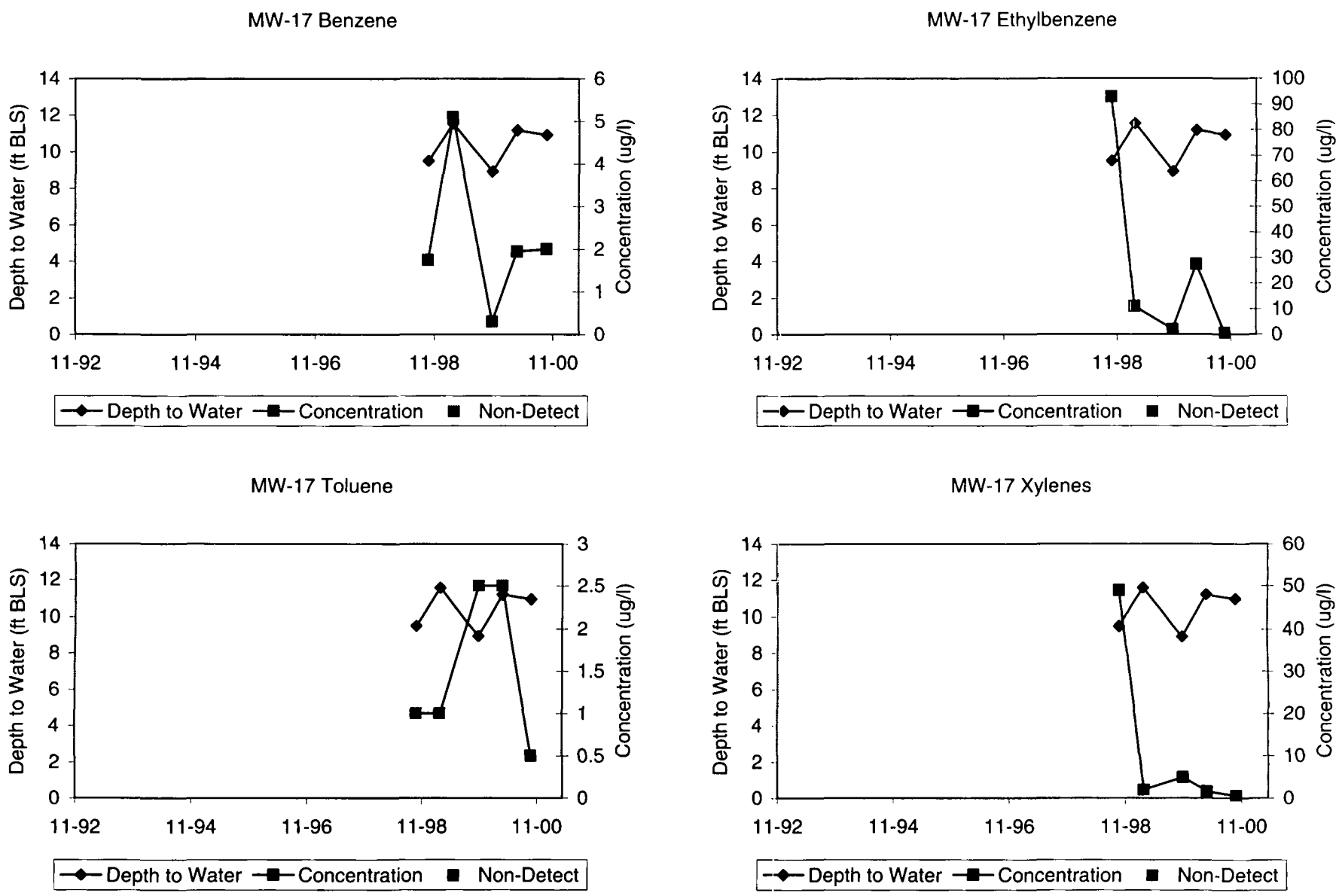




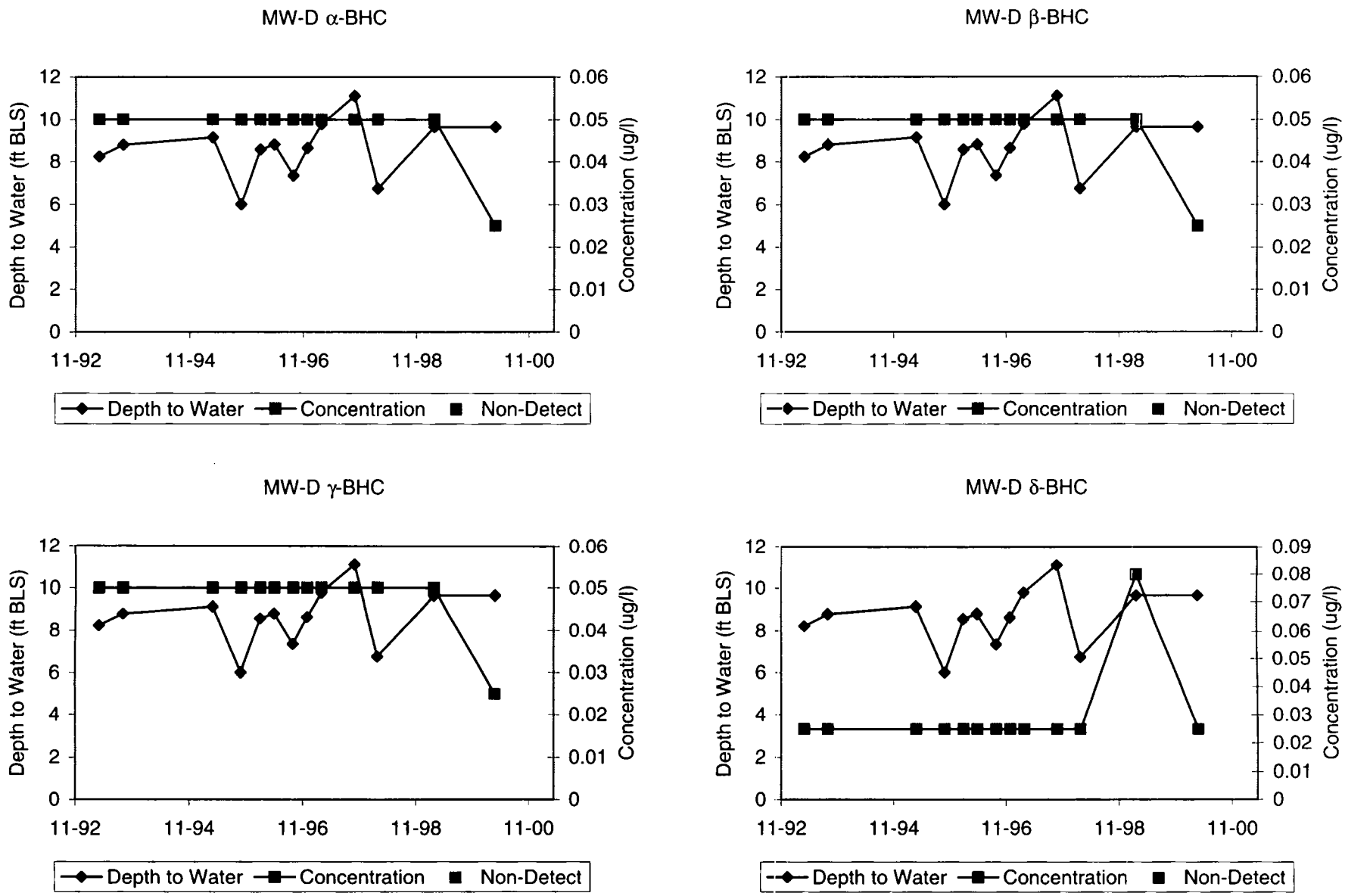
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega



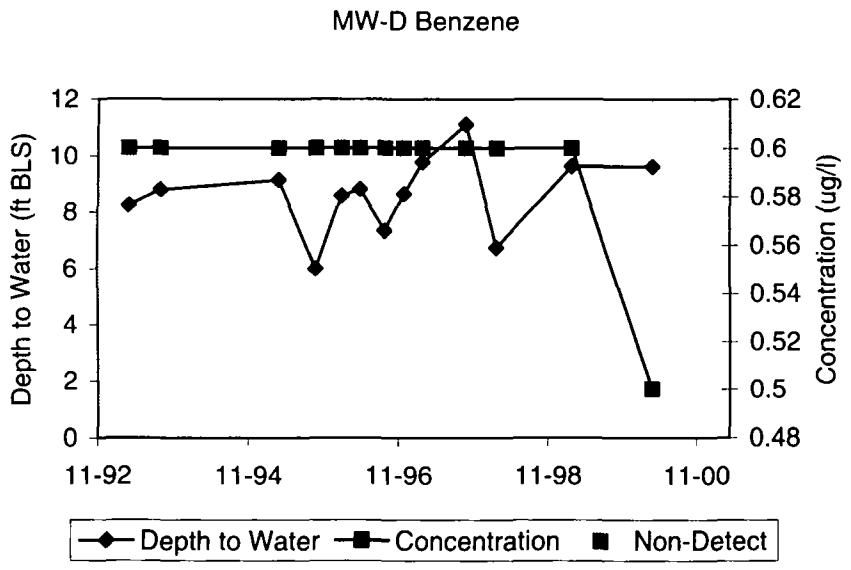
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

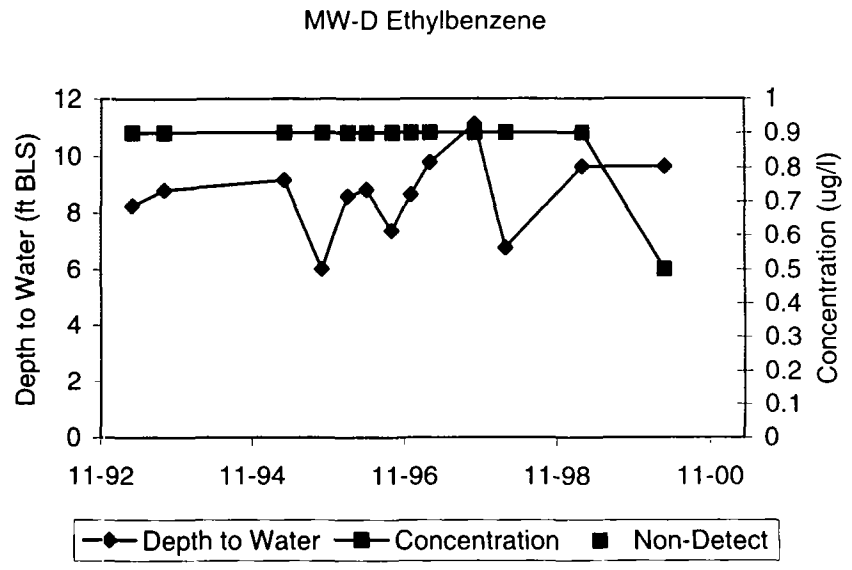


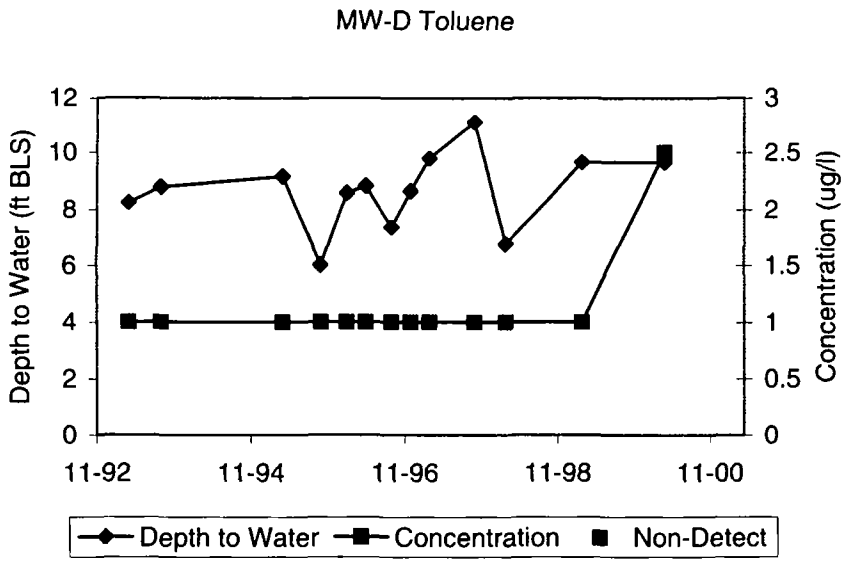
Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

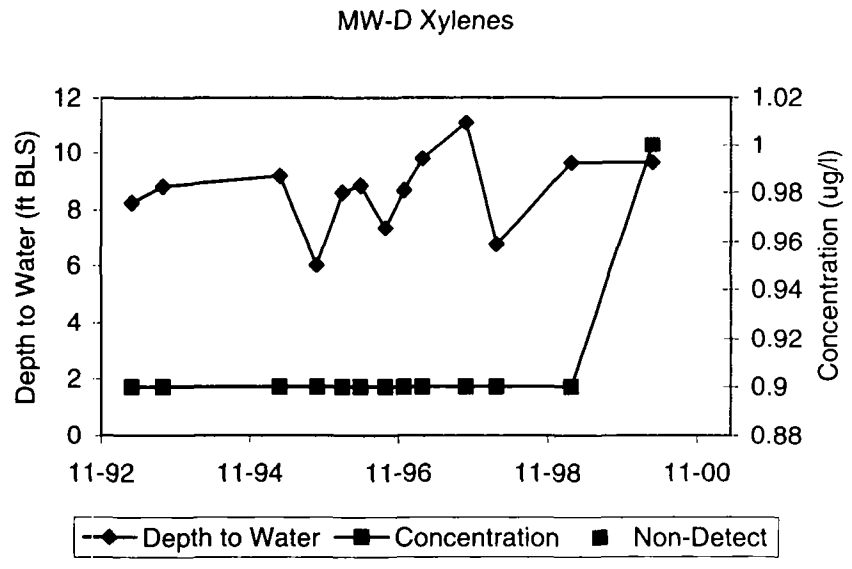


Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega









Generation Date: 01/24/01	Figure C-1. Depth to Water vs. Concentration at Chevron, Orlando, October 2000	Geomega

Appendix D. Summary of COC Analyses, Chevron, Orlando

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-1S	Oct-91		0.26	0.4	ND	0.97	5.4	53	2	55			ND	ND	<1.8
MW-1S	Apr-93		0.92	0.77	ND	2.9	1.1	35	1.4	100			ND	ND	<5
MW-1S	Sep-93		5	2	ND	7.7	5.9	63	1.5	120			ND	ND	<5
MW-1S	Apr-95		2.5	1.3	ND	2.3	6	120	5.6	360			ND	ND	13
MW-1S	Oct-95		1.9	0.89	ND	3.5	5.5	<4.5	5	320			ND	ND	<25
MW-1S	Feb-96		1.4	1.4	ND	4.5	8	240	13	720			ND	ND	6.8
MW-1S	May-96		1.7	1.4	ND	3.4	5.2	290	7.4	800			ND	ND	<5
MW-1S	Sep-96		1.4	0.76	ND	3.8	1.9	10	<1	29			ND	ND	<5
MW-1S	Dec-96		3.1	<0.05	ND	<0.05	4.6	120	3.8	240			ND	ND	<5
MW-1S	Mar-97		3.9	<0.5	ND	<0.5	6	200	8.5	320			ND	ND	<25
MW-1S	Oct-97		4	2	ND	10	5.8	187	4.8	374.2			ND	ND	<0.63
MW-1S	Mar-98		<0.05	<0.05	ND	<0.05	1.9	60.6	2.1	129.2			ND	ND	<5
MW-1S	Oct-98		1.8	<0.4	ND	6	3.6	54.1	1.26	128.9			ND	ND	<5
MW-1S	Mar-99		2.5	2.5	ND	6.5	4	39	<5	49			ND	ND	<5
MW-1S	Nov-99		0.26	0.48	<0.05	0.85	<0.6	<1	<5	<2			<1	<0.1	<5
MW-1S	Apr-00		1.4	1.7	<0.25	2.4	<1	8.8	<5	10	<0.25	<0.25		<0.5	<5
MW-1S	Oct-00		0.84	1.1	<0.5	5	<0.9	<1.1	<1	<1.1	<1	<1		<0.5	<5
MW-1D	Oct-91		<1	<1	ND	<1	<1.2	67	<2	520			ND	ND	ND
MW-1D	Apr-93		2.2	0.93	ND	2.4	3.6	240	5.3	620			ND	ND	ND
MW-1D	Sep-93		2	1.5	ND	3.3	3.1	120	6.3	200			ND	ND	ND
MW-1D	Apr-95		0.77	0.53	ND	1.6	1.4	45	<1	57			ND	ND	ND
MW-1D	Oct-95		1	<0.05	ND	1.9	2.8	14	1.8	140			ND	ND	ND
MW-1D	Feb-96		0.96	0.92	ND	1.7	6	270	6.3	530			ND	ND	ND
MW-1D	May-96		0.8	0.88	ND	1.9	4.6	300	4.1	610			ND	ND	ND
MW-1D	Sep-96		0.59	0.92	ND	1.5	2.3	150	2.1	290			ND	ND	ND
MW-1D	Dec-96		0.92	0.59	ND	<0.05	2.4	170	1.9	230			ND	ND	ND
MW-1D	Mar-97		1.1	<0.05	ND	<0.05	3	200	<5	350			ND	ND	ND
MW-1D	Oct-97		1	1	ND	3	2.4	174	2.1	518.6			ND	ND	ND
MW-1D	Mar-98		<0.05	<0.05	ND	<0.05	8.9	315	8.5	1357			ND	ND	ND
MW-1D	Oct-98		1.2	<0.05	ND	1.3	3.17	180	2.11	501.7			ND	ND	ND
MW-1D	Mar-99		0.93	1.1	ND	1.8	<6	230	<50	540			ND	ND	ND
MW-1D	Mar-99	Duplicate	0.81	1.1		1.6	3.8	210	<5	500					
MW-1D	Nov-99		0.74	1.1	<0.05	1.2	3.5	150	<5	530			<1	<0.1	<5

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-1D	Nov-99	Duplicate	0.9	1.1	<0.05	1.3	2.8	130	<5	520			<1	<0.1	<5
MW-1D	Nov-99	Replicate	0.66	0.45	<0.05	0.86	2.9	150	1.5	500	<0.1	<0.1		<0.05	<5
MW-1D	Apr-00		0.95	1.7	<0.05	1.2	<10	150	<50	680	<0.05	<0.05		<0.1	<50
MW-1D	Apr-00	Duplicate	1.2	2	0.13	1.2	4	190	<5	700	<0.05	<0.05		<0.1	<5
MW-1D	Oct-00		1.7	3.7	0.19	3.4	<9	190	<10	58	<0.1	<0.1		<0.05	<50
MW-2S	Oct-91		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Apr-93		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Sep-93		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Apr-95		<0.05	<0.05	ND	<0.05	ND	1.1	ND	4.6			ND	ND	ND
MW-2S	Oct-95		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Feb-96		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	May-96		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Sep-96		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Dec-96		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Mar-97		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Oct-97		0.02	0.07	ND	0.04	ND	<0.43	ND	<1			ND	ND	ND
MW-2S	Mar-98		<0.05	<0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Oct-98		<0.05	0.05	ND	<0.05	ND	<0.9	ND	<0.9			ND	ND	ND
MW-2S	Mar-99		<0.05	<0.05	ND	<0.05	ND	<1	ND	<2			ND	ND	ND
MW-2S	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-2S	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-2S	Apr-00	Replicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-2S	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-2D	Oct-91		0.68	<0.5	ND	<0.5	5.7	240	5.2	600			ND	ND	ND
MW-2D	Apr-93		<0.05	<0.05	ND	<0.05	0.7	88	2	570			ND	ND	ND
MW-2D	Sep-93		0.26	1.4	ND	0.21	<0.6	110	2	470			ND	ND	ND
MW-2D	Apr-95		<0.25	0.45	ND	<0.25	<0.6	97	1.3	370			ND	ND	ND
MW-2D	Oct-95		<0.05	<0.05	ND	<0.05	0.6	5.1	1.1	120			ND	ND	ND
MW-2D	Feb-96		0.11	0.23	ND	0.19	<0.6	54	1.2	200			ND	ND	ND
MW-2D	May-96		<0.05	0.24	ND	0.15	0.7	47	1.5	130			ND	ND	ND
MW-2D	Sep-96		<0.05	0.18	ND	0.1	<0.6	21	<1	30			ND	ND	ND
MW-2D	Dec-96		<0.05	<0.05	ND	<0.05	<0.6	39	1.1	91			ND	ND	ND
MW-2D	Mar-97		<0.05	<0.05	ND	<0.05	<0.6	24	<1	49			ND	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-2D	Oct-97		0.05	0.2	ND	<0.01	<0.25	22.1	<0.31	29.5			ND	ND	ND
MW-2D	Mar-98		0.18	0.44	ND	<0.05	<0.6	53.1	<1	137			ND	ND	ND
MW-2D	Oct-98		0.14	<0.05	ND	0.12	<0.6	35.6	<1	63.9			ND	ND	ND
MW-2D	Oct-98	Duplicate	0.11	<0.05		0.078	<0.6	38.9	<1	71.2					
MW-2D	Mar-99		0.13	0.36	ND	0.18	<0.6	41	<5	50			ND	ND	ND
MW-2D	Nov-99		1.3	0.4	1.3	0.05	<0.6	1	<5	2			<1	<0.1	12
MW-2D	Apr-00		0.44	0.41	<0.05	<0.05	<1	70	<5	120	<0.05	<0.05		<0.1	<5
MW-2D	Apr-00	Replicate	<0.04	<0.05	<0.05	<0.03	<0.9	58	<1	93	<0.1	<0.1		<0.05	<5
MW-2D	Oct-00		0.62	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-3S	Oct-91		<0.15	0.61	<0.15	<0.15	<3	120	<5	930			5.8	1.8	ND
MW-3S	Sep-93		0.81	2.2	<0.05	0.73	<0.6	95	1.2	190			12	2.3	ND
MW-3S	Sep-93	Duplicate	1.1	4	<0.05	0.88	1.4	130	<2	650			13	2.7	
MW-3S	Apr-95		0.58	2.2	<0.25	0.89	<1.2	62	<2	150			17	2.2	ND
MW-3S	Apr-95	Duplicate	0.63	2	<0.25	1	<0.6	64	<1	150			17	3.3	
MW-3S	Oct-95		0.24	<0.1	<0.1	0.24	2.3	31	<1	47			<2	<0.2	ND
MW-3S	Feb-96		0.43	0.45	<0.05	0.35	<0.6	14	<1	14			2.9	0.5	ND
MW-3S	May-96		0.47	0.94	<0.05	0.67	<0.6	22	<1	22			<1	<0.1	ND
MW-3S	May-96	Duplicate	0.5	0.94	<0.05	0.71	<0.6	23	<1	23			<1	<0.1	
MW-3S	Sep-96		0.52	<0.05	<0.05	0.48	3.3	36	1.3	57			<1	<0.1	ND
MW-3S	Dec-96		<0.25	<0.25	<0.25	<0.25	<0.6	21	<1	22			<5	<0.5	ND
MW-3S	Mar-97		<0.25	<0.25	<0.25	<0.25	0.9	28	<1	34			<5	<0.5	ND
MW-3S	Oct-97		0.8	0.9	<0.01	0.6	0.57	11.6	<0.31	35.8			<0.75	0.4	ND
MW-3S	Oct-97	Duplicate	0.4	0.7	<0.01	0.6	0.56	11.4	<0.31	35.2			<0.75	0.9	
MW-3S	Mar-98		0.46	0.89	0.09	0.53	1.9	9.4	<1	49.3			<0.75	0.46	ND
MW-3S	Oct-98		0.39	0.74	<0.04	0.26	2.65	8.15	<1	28.1			<0.23	<0.04	ND
MW-3S	Mar-99		0.35	0.99	<0.5	2.2	1.6	23	<5	59			<1	2.3	ND
MW-3S	Nov-99		0.17	0.14	<0.1	<0.1	2.5	2	<5	21			<2	<0.2	<5
MW-3S	Apr-00		0.35	0.68	<0.05	0.19	2.2	11	<5	14	<0.05	<0.05		<0.1	<5
MW-3S	Oct-00		0.37	<0.05	0.17	<0.03	<0.9	41	<1	120	<0.1	<0.1		<0.05	<5
MW-3D	Oct-91		<0.25	<0.25	ND	<0.05	<6	96	ND	1100			ND	ND	ND
MW-3D	Sep-93		<0.05	<0.05	ND	<0.05	<0.6	0.9	ND	4			ND	ND	ND
MW-3D	Apr-95		<0.05	0.05	ND	<0.05	<0.6	1.7	ND	2.8			ND	ND	ND
MW-3D	Oct-95		0.05	0.07	ND	0.08	1.1	3.4	ND	12			ND	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-3D	Feb-96		0.06	<0.05	ND	<0.05	<0.6	2.1	ND	4.8			ND	ND	ND
MW-3D	May-96		<0.05	<0.05	ND	<0.05	0.6	2.8	ND	2.9			ND	ND	ND
MW-3D	Sep-96		<0.05	<0.05	ND	<0.05	<0.6	8	ND	32			ND	ND	ND
MW-3D	Dec-96		<0.05	<0.05	ND	<0.05	<0.6	1.3	ND	1.5			ND	ND	ND
MW-3D	Mar-97		<0.05	<0.05	ND	<0.05	<0.6	<0.9	ND	<0.9			ND	ND	ND
MW-3D	Mar-97	Duplicate	<0.05	<0.05		<0.05	<0.6	<0.9		<0.9					
MW-3D	Oct-97		0.09	0.1	ND	<0.01	<0.25	0.79	ND	1.4			ND	ND	ND
MW-3D	Mar-98		0.07	0.06	ND	<0.05	<0.6	<0.9	ND	1			ND	ND	ND
MW-3D	Mar-98	Duplicate	0.082	0.092		<0.05	<0.6	<0.9		<0.9					
MW-3D	Oct-98		0.14	0.19	ND	<0.05	<0.06	<0.9	ND	<0.9			ND	ND	ND
MW-3D	Mar-99		0.13	0.13	ND	0.21	<0.6	<1	ND	<2			ND	ND	ND
MW-3D	Nov-99		0.11	0.14	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-3D	Apr-00		0.46	<0.25	<0.25	0.47	<1	<1	<5	<2	<0.25	<0.25		<0.5	<5
MW-3D	Oct-00		0.08	0.14	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-4S	Oct-91		1.3	1.6	<0.05	5.9	<1.2	<1.8	<2	<1.8			ND	ND	ND
MW-4S	Apr-93		4.5	1.7	<0.05	5.8	2.7	15	1.1	37			ND	ND	ND
MW-4S	Sep-93		9.2	3.5	<0.05	15	22	200	9	420			ND	ND	ND
MW-4S	Apr-95		19	8.7	<1	31	23	160	<1	34			ND	ND	ND
MW-4S	Oct-95		8.7	3.6	<0.5	<0.5	5.3	5.6	<1	<0.9			ND	ND	ND
MW-4S	Feb-96		12	4.3	<0.5	15	3	9.1	<1	2.3			ND	ND	ND
MW-4S	May-96		19	11	<0.05	26	9.8	28	<1	5.1			ND	ND	ND
MW-4S	Sep-96		10	10	1	15	4.6	3.6	<1	<0.9			ND	ND	ND
MW-4S	Dec-96		17	9.3	<0.05	<0.05	15	24	<1	1.3			ND	ND	ND
MW-4S	Mar-97		8.3	<0.5	<0.5	22	16	32	<1	<0.9			ND	ND	ND
MW-4S	Oct-97		20	10	1	40	13.5	25	0.57	4			ND	ND	ND
MW-4S	Mar-98		<0.5	<0.5	<0.5	<0.5	3.6	6.9	<1	<0.9			ND	ND	ND
MW-4S	Mar-98	Duplicate	NA	NA	NA	NA	NA	NA	NA	NA					
MW-4S	Oct-98		10	14	<1	20	6.24	11.1	<1	<0.9			ND	ND	ND
MW-4S	Mar-99		15	7.6	<2.5	26	22	68	<5	23			ND	ND	ND
MW-4S	Nov-99		3	2.7	<1	5.4	8.3	110	<5	340			<20	<2	<5
MW-4S	Nov-99	Duplicate	4.5	3.1	0.09	8.1	8.7	120	<5	360			<1	<0.1	<5
MW-4S	Nov-99	Replicate	4.3	2.1	<0.05	6.7	7.8	120	4.1	300	<0.1	<0.1		<0.05	<5
MW-4S	Apr-00		9.1	8.7	<0.5	24	14	25	<5	25	<0.5	<0.5		<1	<5

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-4S	Apr-00	Replicate	7.6	7.5	<0.05	23	16	23	<10	13	<0.1	<0.1		<0.05	<50
MW-4S	Oct-00		8.8	11	<0.5	32	11	29	1.1	61	<1	<1		<0.5	<5
MW-4S	Oct-00	Duplicate	9.3	11	<0.5	33	11	29	1.2	62	<1	<1		<0.5	<5
MW-4S	Oct-00	Replicate	2.9	3.1	<0.2	8.2	10	27	<1	56			<0.5	<0.2	<1
MW-4D	Oct-91		3.2	4.9	ND	13	17	360	10	1100			ND	ND	ND
MW-4D	Apr-93		5.7	2.4	ND	16	6	150	6.8	470			ND	ND	ND
MW-4D	Sep-93		5.3	3.5	ND	13	10	130	12	500			ND	ND	ND
MW-4D	Apr-95		4.5	3.5	ND	10	5.4	380	5.5	1100			ND	ND	ND
MW-4D	Oct-95		2.8	5.6	ND	7.1	3.6	220	1.4	590			ND	ND	ND
MW-4D	Feb-96		1.3	1.1	ND	2.9	3.3	170	1.3	400			ND	ND	ND
MW-4D	May-96		2.5	4.1	ND	6.4	3.8	320	2.6	910			ND	ND	ND
MW-4D	Sep-96		3.4	4.5	ND	7.1	4.6	260	2.2	740			ND	ND	ND
MW-4D	Dec-96		6.2	4.7	ND	<0.05	6.1	290	2.6	700			ND	ND	ND
MW-4D	Mar-97		4.4	<0.5	ND	<0.5	8	240	<10	630			ND	ND	ND
MW-4D	Oct-97		4	2	ND	10	3.6	98.2	1.1	304.8			ND	ND	ND
MW-4D	Mar-98		<0.1	<0.1	ND	<0.1	2.4	117	<1.6	223.9			ND	ND	ND
MW-4D	Oct-98		3.1	3.6	ND	9.2	<0.6	123	1.94	341.3			ND	ND	ND
MW-4D	Mar-99		4.1	3.1	ND	8.6	17	220	9	570			ND	ND	ND
MW-4D	Nov-99		8.4	11	<0.3	14	2.9	2	<5	<2			<5	<0.5	<5
MW-4D	Apr-00		3.3	2.9	<0.05	7.5	13	250	<50	620	<0.05	<0.05		<0.1	<50
MW-4D	Apr-00	Duplicate	3.6	3.4	<0.05	1.5	10	230	11	560	<0.05	<0.05		<0.1	<5
MW-4D	Apr-00	Replicate	3.9	<0.05	<0.05	6.6	12	210	<10	480	<0.1	<0.1		<0.05	<50
MW-4D	Oct-00		4.4	3.3	<0.5	9.4	19	230	10	620	<1	<1		<0.5	<5
MW-5S	Sep-93		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Apr-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Oct-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Feb-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	May-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Sep-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Dec-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Mar-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Oct-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Mar-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-5S	Mar-99		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-5S	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-5S	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-5S	Apr-00	Replicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5S	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D	Sep-93		<0.05	<0.05	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	Apr-95		<0.05	0.15	ND	0.08	<0.6	<0.9	<1	13			ND	ND	ND
MW-5D	Oct-95		<0.05	<0.05	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	Feb-96		<0.05	<0.05	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	May-96		<0.05	<0.05	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	Sep-96		<0.05	0.06	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	Dec-96		<0.05	0.11	ND	<0.05	<0.6	<0.9	<1	<0.9			ND	ND	ND
MW-5D	Mar-97		<0.05	<0.05	ND	<0.05	<0.6	2	<1	<0.9			ND	ND	ND
MW-5D	Oct-97		0.02	0.2	ND	0.05	0.3	21	0.43	95.8			ND	ND	ND
MW-5D	Mar-98		0.05	0.19	ND	<0.05	<0.6	31.4	<1	145			ND	ND	ND
MW-5D	Mar-99		<0.3	0.16	ND	0.23	<0.6	5	<5	13			ND	ND	ND
MW-5D	Mar-99	Duplicate	<0.3	0.16		0.19	<0.6	5	<5	13					
MW-5D	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-5D	Nov-99	Duplicate	<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-5D	Nov-99	Replicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D	Apr-00		0.11	0.22	<0.05	0.13	<1	<1	<5	38	<0.05	<0.05		<0.1	<5
MW-5D	Apr-00	Replicate	<0.04	<0.05	<0.05	<0.03	<0.9	17	<1	35	<0.1	<0.1		<0.05	<5
MW-5D	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D	Oct-00	Duplicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-5D	Oct-00	Replicate	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-6S	Sep-93		ND	ND	ND	ND	1.1	ND	ND	ND			<1	ND	ND
MW-6S	Apr-95		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	Oct-95		ND	ND	ND	ND	<0.6	ND	ND	ND			1.34	ND	ND
MW-6S	Feb-96		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	May-96		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	Sep-96		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	Dec-96		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	Mar-97		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-6S	Oct-97		ND	ND	ND	ND	<0.25	ND	ND	ND			<0.75	ND	ND
MW-6S	Mar-98		ND	ND	ND	ND	<0.6	ND	ND	ND			<0.75	ND	ND
MW-6S	Mar-98	Duplicate					<0.6						<0.76		
MW-6S	Mar-99		ND	ND	ND	ND	<0.6	ND	ND	ND			<1	ND	ND
MW-6S	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-6S	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D	Sep-93		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Apr-95		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Oct-95		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Feb-96		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	May-96		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Sep-96		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Dec-96		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Mar-97		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Oct-97		ND	ND	ND	ND	ND	ND	ND	ND			<0.75	ND	ND
MW-6D	Mar-98		ND	ND	ND	ND	ND	ND	ND	ND			<0.75	ND	ND
MW-6D	Mar-99		ND	ND	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-6D	Apr-00		0.11	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-6D	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D	Oct-00	Duplicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-6D	Oct-00	Replicate	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-7S	Sep-93		ND	<0.05	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-7S	Apr-95		ND	<0.1	ND	ND	ND	ND	ND	ND			3.4	ND	ND
MW-7S	Oct-95		ND	<0.1	ND	ND	ND	ND	ND	ND			8.2	ND	ND
MW-7S	Oct-95	Duplicate		<0.1									6.5		
MW-7S	Feb-96		ND	<0.05	ND	ND	ND	ND	ND	ND			4.7	ND	ND
MW-7S	May-96		ND	<0.1	ND	ND	ND	ND	ND	ND			3.4	ND	ND
MW-7S	Sep-96		ND	<0.1	ND	ND	ND	ND	ND	ND			11	ND	ND
MW-7S	Sep-96	Duplicate		<0.1									9.2		
MW-7S	Dec-96		ND	<0.05	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-7S	Mar-97		ND	<0.1	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-7S	Oct-97		ND	0.06	ND	ND	ND	ND	ND	ND			<0.75	ND	ND
MW-7S	Mar-98		ND	<0.05	ND	ND	ND	ND	ND	ND			<0.77	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-7S	Mar-99		ND	<0.05	ND	ND	ND	ND	ND	ND			<1	ND	ND
MW-7S	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	0.12		<0.1	<5
MW-7D	Sep-93		ND	<0.05	ND	ND	ND	<0.9	ND	<0.9			ND	ND	ND
MW-7D	Apr-95		ND	<0.05	ND	ND	ND	<0.9	ND	<0.9			ND	ND	ND
MW-7D	Oct-95		ND	<0.05	ND	ND	ND	<0.9	ND	<0.9			ND	ND	ND
MW-7D	Feb-96		ND	<0.05	ND	ND	ND	1	ND	4.8			ND	ND	ND
MW-7D	Feb-96	Duplicate		<0.05				<0.9		<0.9					
MW-7D	May-96		ND	<0.05	ND	ND	ND	<0.9	ND	24			ND	ND	ND
MW-7D	Sep-96		ND	<0.05	ND	ND	ND	<0.9	ND	5.1			ND	ND	ND
MW-7D	Dec-96		ND	<0.05	ND	ND	ND	1.1	ND	1.2			ND	ND	ND
MW-7D	Dec-96	Duplicate		<0.05				<0.9		1.1					
MW-7D	Mar-97		ND	<0.05	ND	ND	ND	<0.9	ND	<0.9			ND	ND	ND
MW-7D	Oct-97		ND	0.04	ND	ND	ND	<0.43	ND	<1			ND	ND	ND
MW-7D	Mar-98		ND	<0.05	ND	ND	ND	<0.9	ND	<0.9			ND	ND	ND
MW-7D	Mar-99		ND	<0.3	ND	ND	ND	<1	ND	<2			ND	ND	ND
MW-7D	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-8S	Sep-93		0.14	0.61	<0.05	0.09	6	2000	9.2	5900			<1	<0.1	ND
MW-8S	Apr-95		0.05	<0.05	<0.05	0.11	1	83	<1	160			1.1	0.15	ND
MW-8S	Oct-95		<0.05	<0.05	<0.05	<0.05	<0.6	17	<1	46			<1	<0.1	ND
MW-8S	Feb-96		<0.05	<0.05	<0.05	<0.05	2.3	60	1.7	490			<1	<0.1	ND
MW-8S	May-96		<0.05	<0.05	<0.05	0.05	1.6	80	1.5	710			<1	<0.1	ND
MW-8S	Sep-96		<0.05	<0.05	<0.05	<0.05	<0.6	<0.9	<1	19			<1	<0.1	ND
MW-8S	Dec-96		<0.05	<0.05	<0.05	<0.05	0.8	8.5	<1	30			<1	<0.1	ND
MW-8S	Mar-97		<0.05	<0.05	<0.05	<0.05	0.7	17	<1	75			<1	<0.1	ND
MW-8S	Oct-97		0.03	0.04	0.03	0.02	0.57	6.6	<0.31	9.2			<0.78	<0.01	ND
MW-8S	Mar-98		<0.05	<0.05	<0.01	<0.05	<0.6	1.3	<1	10.8			<0.75	<0.01	ND
MW-8S	Oct-98		<0.05	<0.05	<0.04	<0.05	<0.6	<0.9	<1	<0.9			<0.23	<0.04	ND
MW-8S	Mar-99		0.02	<0.05	<0.05	0.09	<0.6	1	<5	<2			<1	<0.1	ND
MW-8S	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-8S	Apr-00		0.09	<0.05	<0.05	<0.05	<1	11	<5	14	<0.05	<0.05		0.1	<5
MW-8S	Oct-00		<0.04	0.22	0.06	<0.03	<0.9	9.7	<1	22	<0.1	<0.1		<0.05	<5
MW-8D	Sep-93		<0.05	<0.05	ND	<0.05	<0.6	26	<1	87			ND	<0.1	ND
MW-8D	Apr-95		0.16	<0.05	ND	<0.05	2.3	21	<1	79			ND	0.12	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-8D	Oct-95		0.08	<0.05	ND	<0.05	<0.6	20	<1	15			ND	<0.1	ND
MW-8D	Feb-96		<0.05	<0.05	ND	<0.05	0.6	6.1	<1	85			ND	<0.1	ND
MW-8D	May-96		0.08	0.06	ND	<0.05	<0.6	7	1.2	120			ND	<0.1	ND
MW-8D	May-96	Duplicate	0.06	0.06		<0.05	<0.6	6.1	1.1	120				<0.1	
MW-8D	Sep-96		0.06	0.05	ND	<0.05	<0.6	1.8	<1	23			ND	<0.1	ND
MW-8D	Dec-96		<0.05	<0.05	ND	<0.05	0.9	6.7	1.3	80			ND	<0.1	ND
MW-8D	Mar-97		<0.05	<0.05	ND	<0.05	<0.6	4.5	1.3	54			ND	<0.1	ND
MW-8D	Oct-97		0.2	0.04	ND	0.02	0.58	3.8	0.81	40.3			ND	0.05	ND
MW-8D	Mar-98		0.36	<0.05	ND	<0.05	0.77	4.3	<1	16.8			ND	0.055	ND
MW-8D	Oct-98		0.41	<0.05	ND	0.087	<0.6	11.5	<1	29.24			ND	<0.04	ND
MW-8D	Mar-99		0.19	0.08	ND	0.1	<0.6	4	<5	7			ND	<0.1	ND
MW-8D	Nov-99		0.05	0.06	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-8D	Apr-00		0.15	0.07	<0.05	<0.05	<1	3	<5	3.3	<0.05	<0.05		0.11	<5
MW-8D	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-9D	Sep-93		0.25	0.32	<0.05	0.41	2.2	2	<1	7.4			ND	3	<5
MW-9D	Apr-95		0.21	0.74	<0.05	0.34	2.9	1.7	<1	2.8			ND	0.71	<5
MW-9D	Apr-95	Duplicate	0.24	0.78	<0.05	0.33	2.6	3.6	4	<0.9				0.55	<5
MW-9D	Oct-95		0.27	1.3	<0.05	0.87	<0.6	<0.9	<1	<0.9			ND	0.87	<5
MW-9D	Feb-96		0.31	1.5	<0.05	0.63	1.9	2.8	<1	<0.9			ND	1.1	3.9
MW-9D	May-96		0.57	3.1	<0.05	1.2	2.2	2.6	<1	<0.9			ND	<0.1	<5
MW-9D	Sep-96		0.46	3.6	<0.05	1.6	0.8	1.1	<1	<0.9			ND	<0.1	<5
MW-9D	Dec-96		0.63	3.5	<0.05	0.77	1.1	<0.9	<1	<0.9			ND	<0.1	5.9
MW-9D	Dec-96	Duplicate	0.68	3.9	<0.05	0.81	1.1	<0.9	<1	<0.9				<0.1	<5
MW-9D	Mar-97		<0.5	6.7	<0.5	<0.5	0.6	<0.9	<1	<0.9			ND	<1	<5
MW-9D	Mar-97	Duplicate	<0.5	5.3	<0.5	<0.5	0.6	<0.9	<1	<0.9				<1	<5
MW-9D	Oct-97		0.9	3	<0.05	0.8	0.47	<0.43	<0.31	0.66			ND	0.2	4.6
MW-9D	Mar-98		0.47	3.3	0.019	0.6	<0.6	<0.9	<1	<0.9			ND	0.18	<5
MW-9D	Oct-98		1.2	3.7	<0.04	0.81	0.61	<0.9	<1	<0.9			ND	0.21	<5
MW-9D	Mar-99		0.4	2	<0.1	0.57	<0.6	<1	<5	<2			ND	0.12	<5
MW-9D	Nov-99		0.28	2.3	<0.3	0.31	<0.6	<1	<5	<2			<5	<0.5	<5
MW-9D	Nov-99	Replicate	0.25	1.13	0.62	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		2.1	<5
MW-9D	Apr-00		0.56	1	<0.25	0.67	<1	<1	<5	<2	<0.25	<0.25		0.54	<5
MW-9D	Oct-00		0.08	0.31	<0.05	0.8	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-10S	Sep-93		2	70	1.2	37	<0.6	ND	ND	ND			<1	<0.1	ND
MW-10S	Apr-95		3.6	47	1.6	16	8.8	ND	ND	ND			<10	<1	ND
MW-10S	Oct-95		2.6	28	0.98	12	3.2	ND	ND	ND			<10	<1	ND
MW-10S	Feb-96		4	17	3.4	9	2.6	ND	ND	ND			<10	<1	ND
MW-10S	Feb-96	Duplicate	5	19	4.1	10	2.7						<10	<1	
MW-10S	May-96		6.8	32	6.6	16	3.9	ND	ND	ND			7.5	<0.1	ND
MW-10S	Sep-96		<4.2	<15	<3.8	<14	4.7	ND	ND	ND			<1	<0.1	ND
MW-10S	Dec-96		4.7	23	3.4	9.3	3.8	ND	ND	ND			<1	<0.1	ND
MW-10S	Mar-97		5.7	46	3.7	12	2.2	ND	ND	ND			<10	<1	ND
MW-10S	Oct-97		0.8	8	0.5	3	3.4	ND	ND	ND			<0.77	<0.1	ND
MW-10S	Mar-98		2.2	19	1.1	6.6	1	ND	ND	ND			<0.75	<0.2	ND
MW-10S	Mar-98	Duplicate	1.9	17	1.1	6.5	1.1						<0.75	<0.3	
MW-10S	Oct-98		3.5	24	2.3	9	2.69	ND	ND	ND			<0.23	0.73	ND
MW-10S	Mar-99		2.7	23	1.8	9	1.4	ND	ND	ND			<20	<2	ND
MW-10S	Nov-99		1	21	<1	4.7	1.3	<1	<5	<2			<20	<2	<5
MW-10S	Apr-00		2.4	15	1.8	4.7	<1	<1	<5	<2	<1	<1		<2	<5
MW-10S	Oct-00		1.8	19	1.1	6.4	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-10D	Sep-93		1	6.2	1	12	2.4	1.4	ND	7			ND	ND	<5
MW-10D	Sep-93	Duplicate	1.2	6	1.1	12	2.7	1.9		8.6					<5
MW-10D	Apr-95		0.55	4.6	0.87	0.59	20	1.5	ND	5.8			ND	ND	20
MW-10D	Oct-95		<0.05	2.6	<0.05	0.07	4.7	1.1	ND	2.1			ND	ND	11
MW-10D	Feb-96		0.15	1.2	0.09	0.11	2	<0.9	ND	<0.9			ND	ND	<2
MW-10D	May-96		<0.05	1.27	<0.05	0.05	2	<0.9	ND	<0.9			ND	ND	67
MW-10D	Sep-96		0.05	0.05	0.05	0.05	2.5	<0.9	ND	<0.9			ND	ND	81
MW-10D	Dec-96		<0.05	<0.05	<0.05	<0.05	4.6	<0.9	ND	<0.9			ND	ND	160
MW-10D	Mar-97		<0.05	<0.05	<0.05	<0.05	2.5	<0.9	ND	<0.9			ND	ND	120
MW-10D	Oct-97		<0.01	0.3	<0.01	0.02	5.1	<0.43	ND	<1			ND	ND	298
MW-10D	Mar-98		<0.05	0.19	0.015	<0.05	3	<0.9	ND	<0.9			ND	ND	246
MW-10D	Oct-98		0.065	0.6	0.086	0.086	5.56	<0.9	ND	<0.9			ND	ND	289
MW-10D	Mar-99		<0.3	0.12	<0.3	<0.3	5.4	<1	ND	<2			ND	ND	210
MW-10D	Nov-99		<0.05	0.63	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-10D	Apr-00		<0.05	<0.05	<0.05	<0.05	2.7	<1	<5	<2	<0.05	<0.05		<0.1	120
MW-10D	Oct-00		<0.04	0.84	<0.05	0.07	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	17

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-11	Sep-93		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Apr-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Oct-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Feb-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	May-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Sep-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Dec-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Mar-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Oct-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Mar-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Mar-99		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-11	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-12	Sep-93		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Sep-93	Duplicate												<0.1	
MW-12	Apr-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Oct-95		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Feb-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	May-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Sep-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Dec-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Mar-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Oct-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	0.04	ND
MW-12	Mar-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	0.03	ND
MW-12	Oct-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.04	ND
MW-12	Mar-99		ND	ND	ND	ND	ND	ND	ND	ND			ND	<0.1	ND
MW-12	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-12	Apr-00		<0.05	<0.05	<0.05	0.1	<1	<1	<5	<2	<0.05	<0.05		0.11	<5
MW-12	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-12	Oct-00	Duplicate	<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-12	Oct-00	Replicate	<0.02	<0.02	<0.02	<0.02	<1	<1	<1	<3			<0.05	<0.02	<1
MW-15	Feb-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	May-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Sep-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND

Table D-1. Summary of COC Analyses, Chevron, Orlando.

Well ID	Date	Dup/Rep	α-BHC ug/l	β-BHC ug/l	γ-BHC ug/l	δ-BHC ug/l	Benzene ug/l	Ethylbenzene ug/l	Toluene ug/l	Xylenes ug/l	α-Chlordane ug/l	γ-Chlordane ug/l	Chlordane ug/l	DDD ug/l	MTBE ug/l
MW-15	Dec-96		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Mar-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Oct-97		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Mar-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Oct-98		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Mar-99		ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND
MW-15	Nov-99		<0.05	<0.05	<0.05	<0.05	<0.6	<1	<5	<2			<1	<0.1	<5
MW-15	Apr-00		<0.05	<0.05	<0.05	<0.05	<1	<1	<5	<2	<0.05	<0.05		<0.1	<5
MW-15	Oct-00		<0.04	<0.05	<0.05	<0.03	<0.9	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-16S	Oct-97		5	20	5	8	2.4	<0.43	ND	2.1			ND	<0.3	<0.63
MW-16S	Mar-98		0.84	6.7	0.88	2.1	<0.6	<0.9	ND	<0.9			ND	<0.1	<5
MW-16S	Oct-98		1	8.3	1.3	2.8	<0.6	<0.9	ND	<0.9			ND	<0.04	<5
MW-16S	Mar-99		4.1	1.7	2.8	6.3	2.2	<1	ND	<2			ND	<1	<5
MW-16S	Nov-99		<0.05	3.2	<0.05	0.49	<0.6	<1	<5	<2			<1	<0.1	<5
MW-16S	Apr-00		1.9	17	1.9	4.4	<1	<1	<5	<2	<0.25	<0.25		<0.5	<5
MW-16S	Oct-00		8.9	36	7.8	13	2	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5
MW-16D	Oct-97		1	10	0.5	5	5.4	0.55	ND	<1			ND	0.3	40.6
MW-16D	Mar-98		5.2	17	5.6	8.3	5.5	<0.9	ND	<0.9			ND	<0.01	43.9
MW-16D	Oct-98		4.5	21	4.5	8.3	8.02	1.41	ND	2.44			ND	<1	46.5
MW-16D	Mar-99		1.9	15	1.2	6.5	8	<1	ND	<2			ND	<1	46
MW-16D	Mar-99	Duplicate	1.6	13	1.1	5.7	8	<1		<2				<1	45
MW-16D	Nov-99		<0.5	4.1	<0.5	0.57	2.2	<1	<5	<2			<10	<1	48
MW-16D	Apr-00		0.74	4.4	0.63	1.1	3.2	<1	<5	<2	<0.25	<0.25		<0.5	43
MW-16D	Oct-00		<0.04	0.31	<0.05	<0.03	3.7	<1.1	<1	<1.1	<0.1	<0.1		<0.05	11
MW-17	Oct-98		7.5	<ND	3.8	14	1.76	95.7	ND	51			ND	ND	ND
MW-17	Oct-98	Duplicate	8.5	<ND	4.8	16	1.74	89.9		46.8					
MW-17	Mar-99		5.6	5.3	1.9	11	5.1	11	ND	2			ND	ND	ND
MW-17	Nov-99		0.68	1.3	<0.5	1.7	<0.6	2	<5	5			<10	<1	<5
MW-17	Apr-00		5.9	4.5	2.4	9.7	2	28	<5	2.3	2.3	<0.25		<0.5	<5
MW-17	Apr-00	Duplicate	5.9	5	2.3	10	1.9	27	<5	<2	2.2	<0.05		<0.1	<5
MW-17	Oct-00		5.5	4.4	1.4	9.5	2	<1.1	<1	<1.1	<0.1	<0.1		<0.05	<5