APEX
ENVIROTECH, INC.

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April 26, 2006

Ms. Joan Fleck
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd., Suite A
Santa Rosa, California 95403

Subject: **First Quarter 2006 Groundwater Monitoring Report**
Former Dave's Pit Stop No. 1
164 Calistoga Road, Santa Rosa, California
Apex Project No. ERA02.028

Dear Ms. Fleck:

Apex Envirotech, Inc. (Apex) has been authorized by Dave's Pit Stop (Pit Stop) to provide this report documenting the results of the first quarter groundwater monitoring event conducted on January 31, 2006. Groundwater monitoring results are provided in the attached figures and tables. Apex standard operating procedures, field data, and analytical results are provided as appendices.

This report is based in part on information obtained by Apex from Pit Stop, and is subject to modification as newly acquired information may warrant.

BACKGROUND

The site is located approximately 500 feet north of the intersection of California Highway 12 and Calistoga Road in the City of Santa Rosa, California. Facilities at this location currently house an automobile repair shop. The site was formerly used as a retail gasoline service station.

1989 - One 550-gallon used-oil underground storage tank (UST) and associated piping were excavated and removed from the site. Soil samples collected from beneath the tank contained detectable concentrations of petroleum hydrocarbons.

June 1990 - Subsurface investigation began at the site.

1996 - Four shallow groundwater monitoring wells existed on the site (MW-1 through MW-4).

February 1999 - One 6,000 and two 10,000-gallon gasoline USTs and two fuel dispenser islands were excavated and removed from the site. Approximately 1,003 tons of petroleum hydrocarbon contaminated soil was over excavated from the UST pit. Following removal, this material was transported off-site for disposal. A total of 70,000 gallons of hydrocarbon contaminated groundwater was removed from the UST pit to facilitate UST removal, over excavation, and backfilling activities at the site. The UST pit was closed with clean imported fill. The site does not currently possess fueling capabilities or equipment.

June 21, 2001 - The North Coast Regional Water Quality Control Board (NCRWQCB) issued a letter requesting a sensitive receptor survey including a 1,000 foot door to door survey and MTBE plume vertical and horizontal definition.

January 3, 2002 - Apex personnel supervised the installation of groundwater monitoring well MW-5 and the installation of three deep wells (DW-1 through DW-3).

November 2002 - Apex was retained as the site environmental consultant.

September 29, 2003 - Apex personnel conducted a well search with the Department of Water Resources and on October 1, 2003, and conducted a door-to-door survey within 1,000 feet of the site. Seventeen wells were identified. Results are documented in a report, titled *Sensitive Receptor Survey,* dated November 12, 2003.

December 9, 2004 - The NCRWQCB issued a letter requesting a workplan be prepared addressing the remaining groundwater and surface water impacts, as well as a request to sample the domestic well at 184 Calistoga Road. The domestic well sampling results were below detection limits.

February 21, 2005 - Apex submitted a workplan, titled *Workplan for the Installation of Ozone Sparge Remediation System*, proposing the installation of six sparge points and KVA C-Sparge system to address remaining groundwater contamination.

May 11, 2005 - The NCRWQCB issued a letter approving the workplan with recommendations to increase the depth of the sparge points to beyond 40 feet bgs, and determine baseline parameters for dissolved oxygen, ORP, temperature, pH, bromide, bromate, dissolved hexavalent, dissolved chromium, dissolved vanadium, dissolved selenium and dissolved molybdenum. In addition, Apex has been directed to distribute a public notice regarding the proposed corrective action. Apex has since distributed the public notices and is currently obtaining right-of-way documentation and drilling permits for the proposed sparge points.

GENERAL SITE INFORMATION

Site name:	Former Dave's Pit Stop #1
Site address:	164 Calistoga Road, Santa Rosa, California
Responsible party:	Mr. Dave Zedrick
Current site use:	None
Current phase of project:	Groundwater monitoring
Tanks at site:	None
Number of wells:	8 monitoring wells (5 shallow, 3 deep)

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date:	January 31, 2006
Wells gauged and sampled:	MW-1, MW-2R, MW-3, MW-4, MW-5, DW-1, DW-2 and DW-3
Wells gauged only:	None
Wells sampled only:	None
Groundwater flow direction:	Shallow: Northwest, Deep: East
Groundwater gradient:	Shallow: 0 014 ft/ft; Deep: 0.076 ft/ft
Surface water samples:	stream locations US, MS, and DS
Floating liquid hydrocarbons:	None
Laboratory:	Kiff Analytical, Davis, California

Analysis Performed:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Fuel-Range Hydrocarbons	8260B
Benzene	BTEX	Aromatic Volatile Organics	
Toluene			
Ethylbenzene			
Xylenes (Total)			
Methyl Tertiary Butyl Ether	MTBE	Fuel Oxygenate	

Modifications from Standard Monitoring Program:

None.

CONCLUSIONS

Shallow Wells

Based on groundwater analytical results, TPHg concentrations are centered at wells MW-1 and MW-4. However, the concentrations of TPHg detected in wells MW-2R and MW-4 did not exhibit typical gasoline chromatographic patterns and are likely indicative of weathered gasoline. The MTBE at MW-1 was at an historical low.

Surface water samples collected from the Austin Creek were below laboratory detection limits.

Shallow zone groundwater elevations increased an average of 0.80 feet this quarter compared to the last sampling event.

Concentrations of hydrocarbons at the site have been decreasing, and are illustrated in the attached concentration versus time trend plots.

Deep Wells

Based on groundwater analytical results, deep zone well DW-1 contained MTBE only at 16 ppb. Groundwater samples collected from wells DW-2 and DW-3 were below laboratory detection limits for all analyzed constituents.

Deep zone groundwater elevations increased an average of 4.43 feet this quarter compared with the last sampling event, conducted in December 2005.

RECOMMENDATIONS

Groundwater and surface water monitoring should continue on a quarterly basis. The next sampling event is scheduled for April 2006.

Apex is currently permitting and scheduling the installation of ozone sparge points and an ozone sparge remediation system for the site.

ADDITIONAL ACTIVITIES PERFORMED AT SITE

None

ATTACHMENTS:

Figure 1: Site Vicinity Map
Figure 2: Site Plan Map
Figure 3: Shallow Zone Groundwater Contour Map: January 31, 2006
Figure 4: Deep Zone Groundwater Contour Map: January 31, 2006
Figure 5: Shallow Zone TPHg in Groundwater Isoconcentration Map: January 31, 2006
Figure 6: Shallow Zone MTBE in Groundwater Isoconcentration Map: January 31, 2006
Figure 7: Deep Zone MTBE in Groundwater Isoconcentration Map: January 31, 2006

Table 1: Well Construction Details
Table 2: Groundwater Elevation Data
Table 3: Groundwater Analytical Data
Table 4: Historical Groundwater Elevation Data
Table 5: Historical Groundwater Analytical Data

Appendix A: Apex Standard Operating Procedures
Appendix B: Field Data Sheets
Appendix C: Laboratory Analytical Report and Chain-of-Custody Form
Appendix D: Concentration versus Time Trends

REPORT DISTRIBUTION

Apex submitted this report, in its final form, to the following:

Regulatory Oversight:

Ms. Joan Fleck
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd., Suite A
Santa Rosa, California 95403
(707) 576-2675

Mr. Bob Mackentyre
Santa Rosa Fire Department
955 Sonoma Avenue
Santa Rosa, California 95404
(707) 543-3500

Responsible Party: Mr. Dave Zedrick

REMARKS/SIGNATURES

The information contained in this report reflects our professional opinions and was developed in accordance with currently available information, and accepted hydrogeologic and engineering practices.

The work described in the above report was performed under the direct supervision of a professional geologist, registered with the State of California, whose signature appears below.

We appreciate the opportunity to provide Pit Stop with geologic, engineering, and environmental consulting services, and trust this report meets your needs. If you have any questions or comments, please call us at (916) 851-0174.

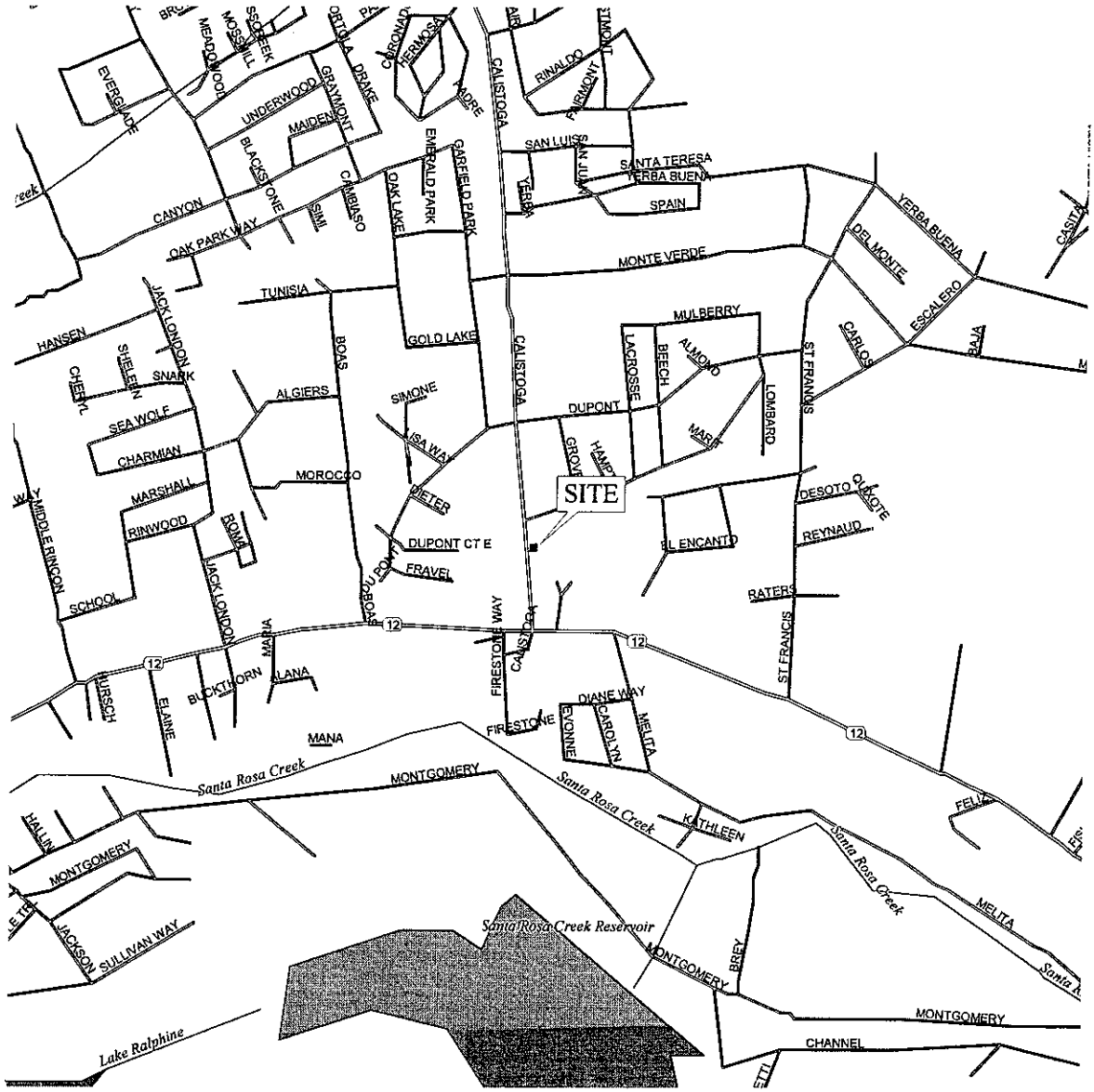
Sincerely,

APEX ENVIROTECH, INC.

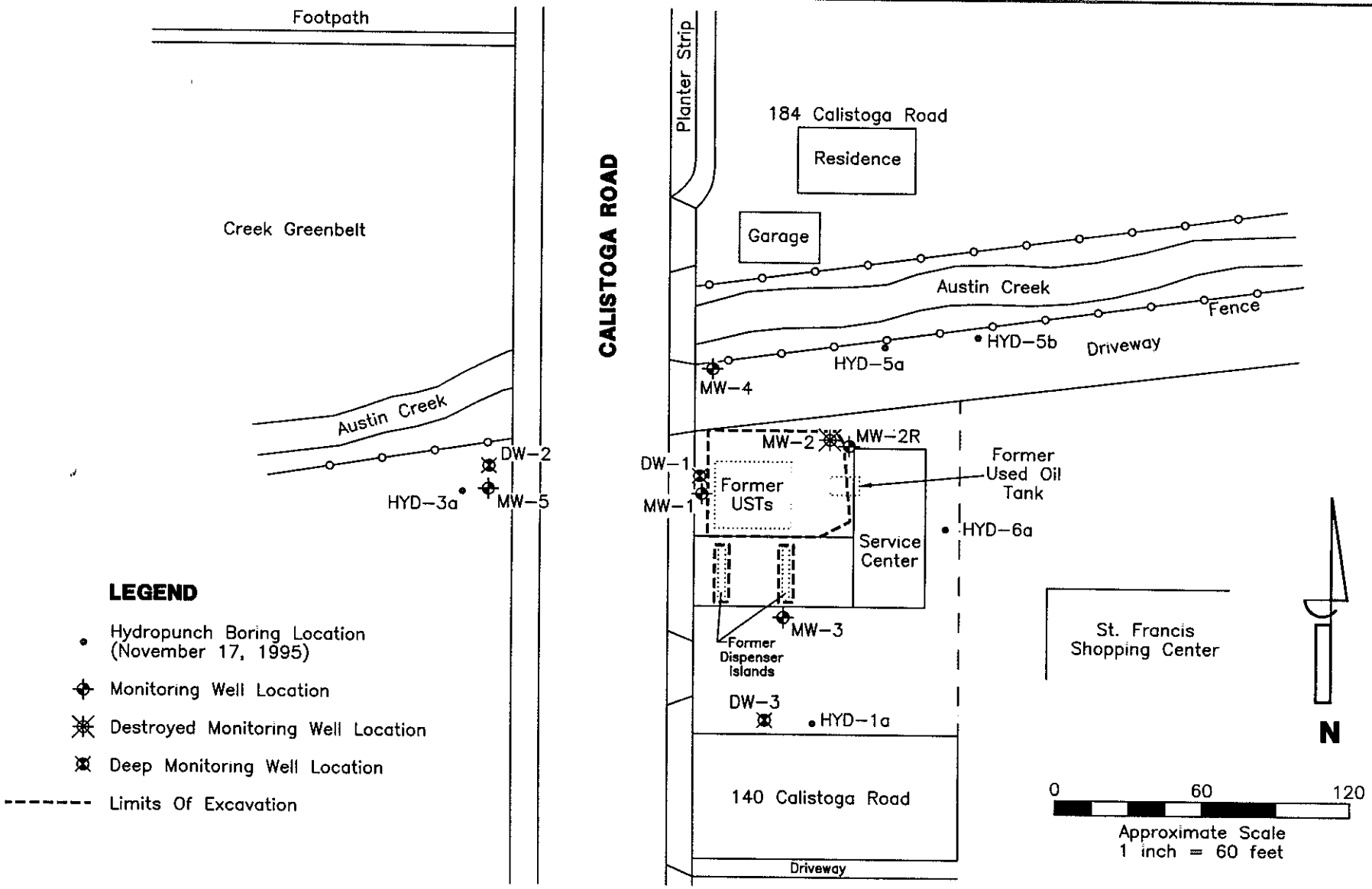
Kasey L. Jones
Senior Project Manager

Michael S. Sgourakis, R.G.
Senior Geologist
CRG No. 7194

FIGURES



APEX ENVIROTECH, INC.	DRAWN BY: D. Alston DATE: 1/27/03 REVISIONS	**SITE VICINITY MAP**	FIGURE **1**
		Former Dave's Pit Stop No. 1 164 Calistoga Road Santa Rosa, California	PROJECT NUMBER: ERA02.028



APEX ENVIROTECH, INC.

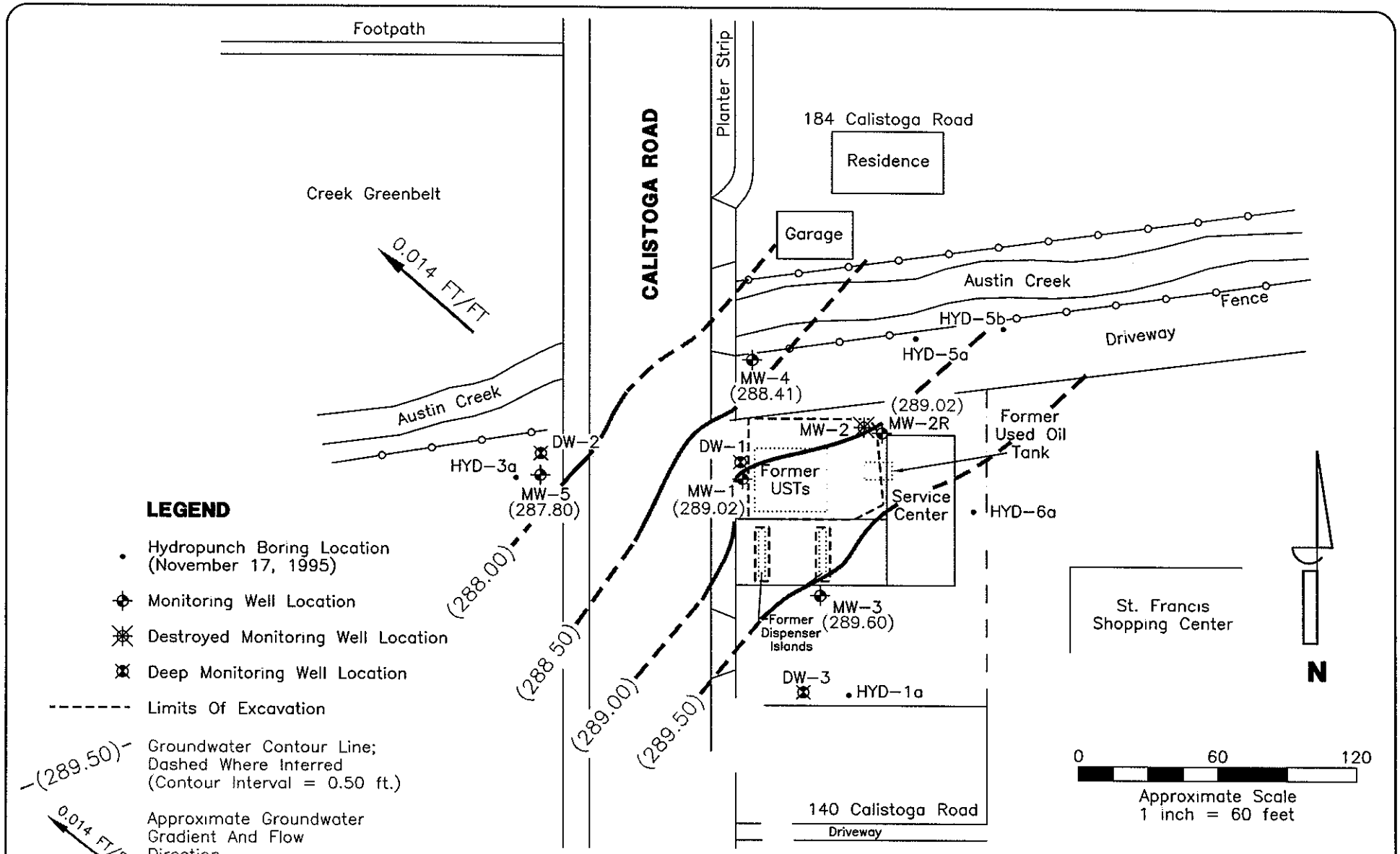
DRAWN BY:	D. Alston
DATE:	1/27/03
REVISIONS	

SITE PLAN MAP

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE **2**

PROJECT NUMBER: ERA02.028



APEX ENVIROTECH, INC.

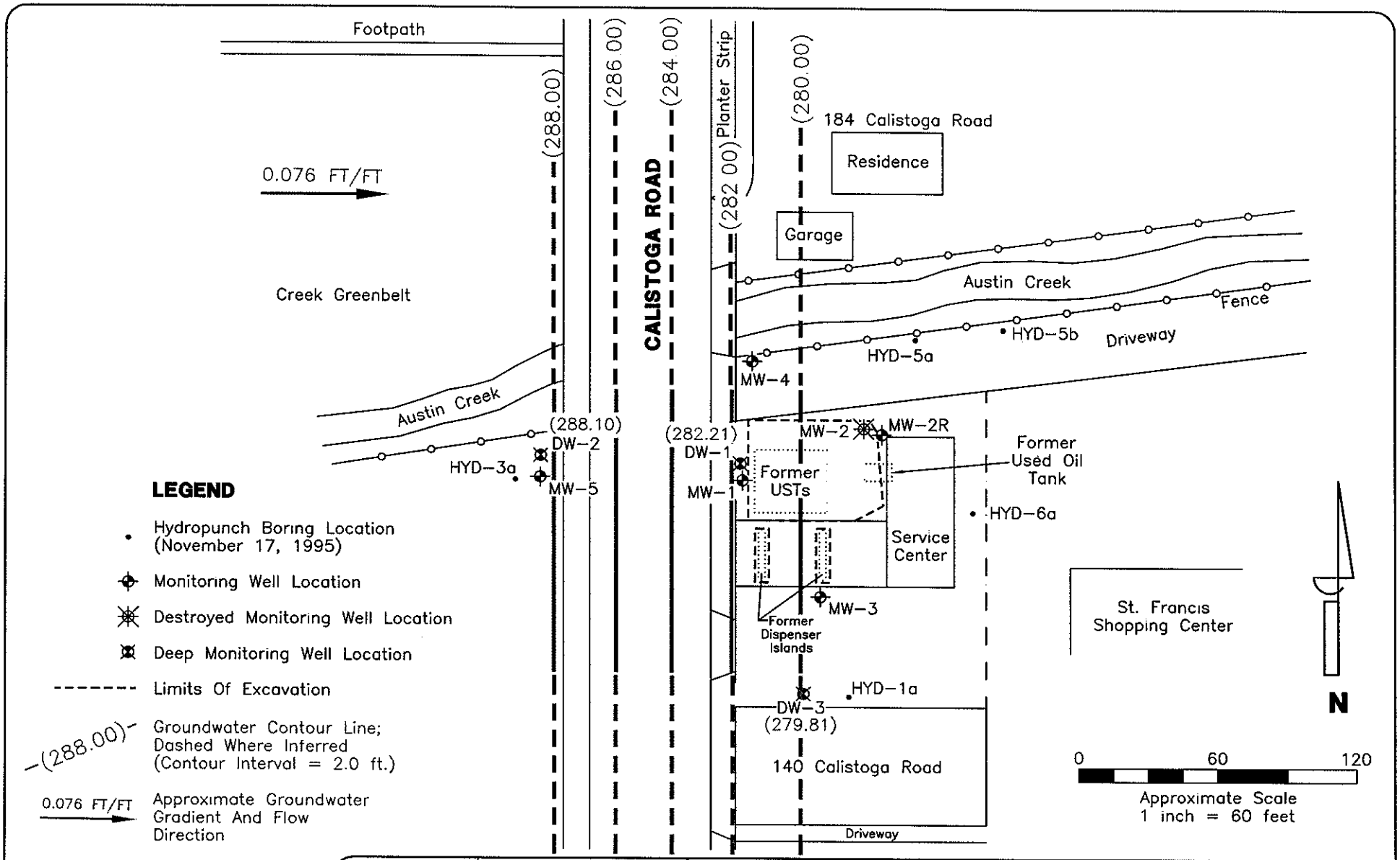
DRAWN BY: J. Curry
DATE: 5/2/06
REVISIONS

SHALLOW-ZONE GROUNDWATER CONTOUR MAP: JANUARY 31, 2006

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE
3

PROJECT NUMBER:
ERA02.028



APEX ENVIROTECH, INC.

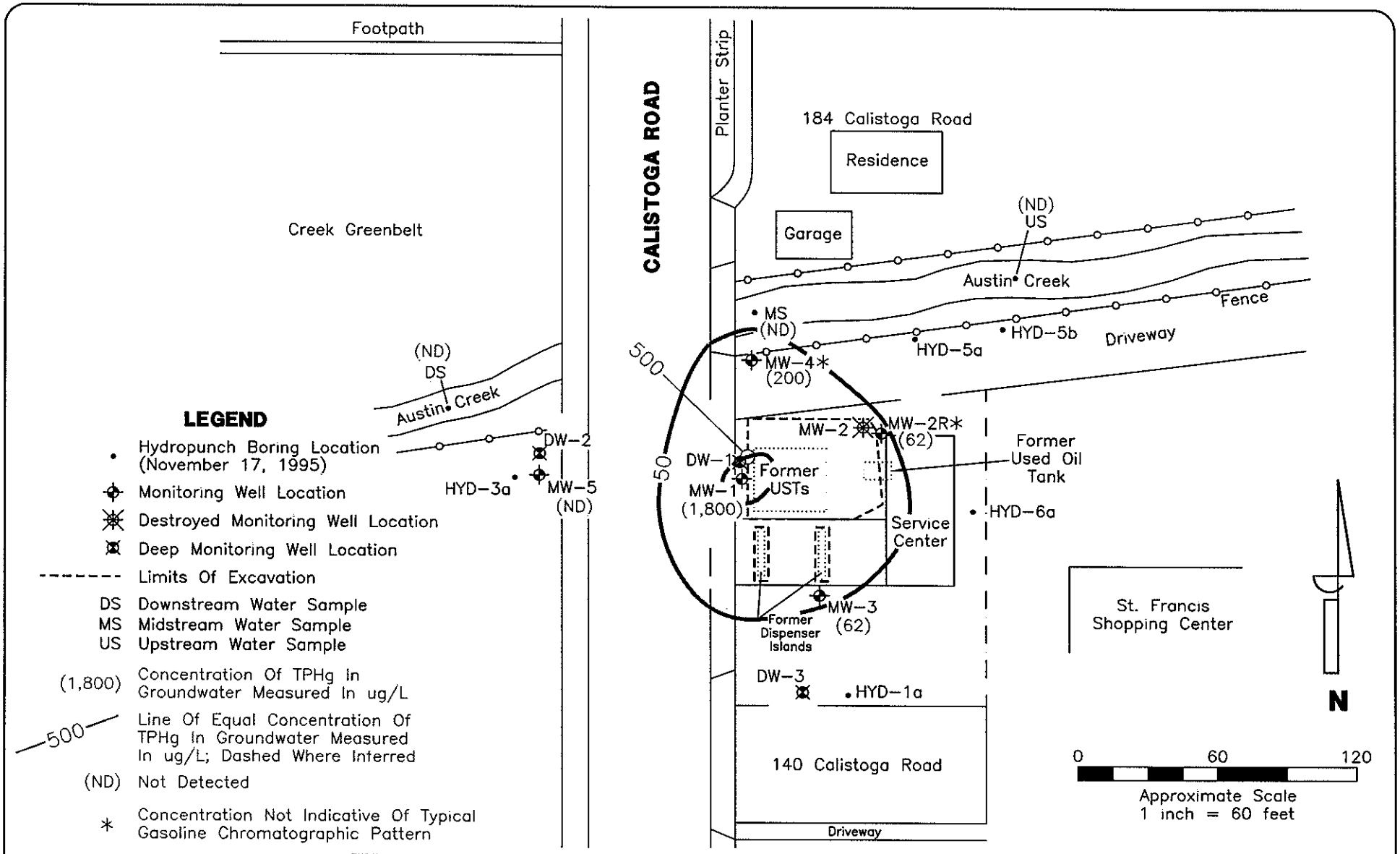
DRAWN BY: J. Curry
DATE: 5/2/06
REVISIONS

DEEP-ZONE GROUNDWATER CONTOUR MAP: JANUARY 31, 2006

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE
4

PROJECT NUMBER:
ERA02.028



APEX ENVIROTECH, INC.

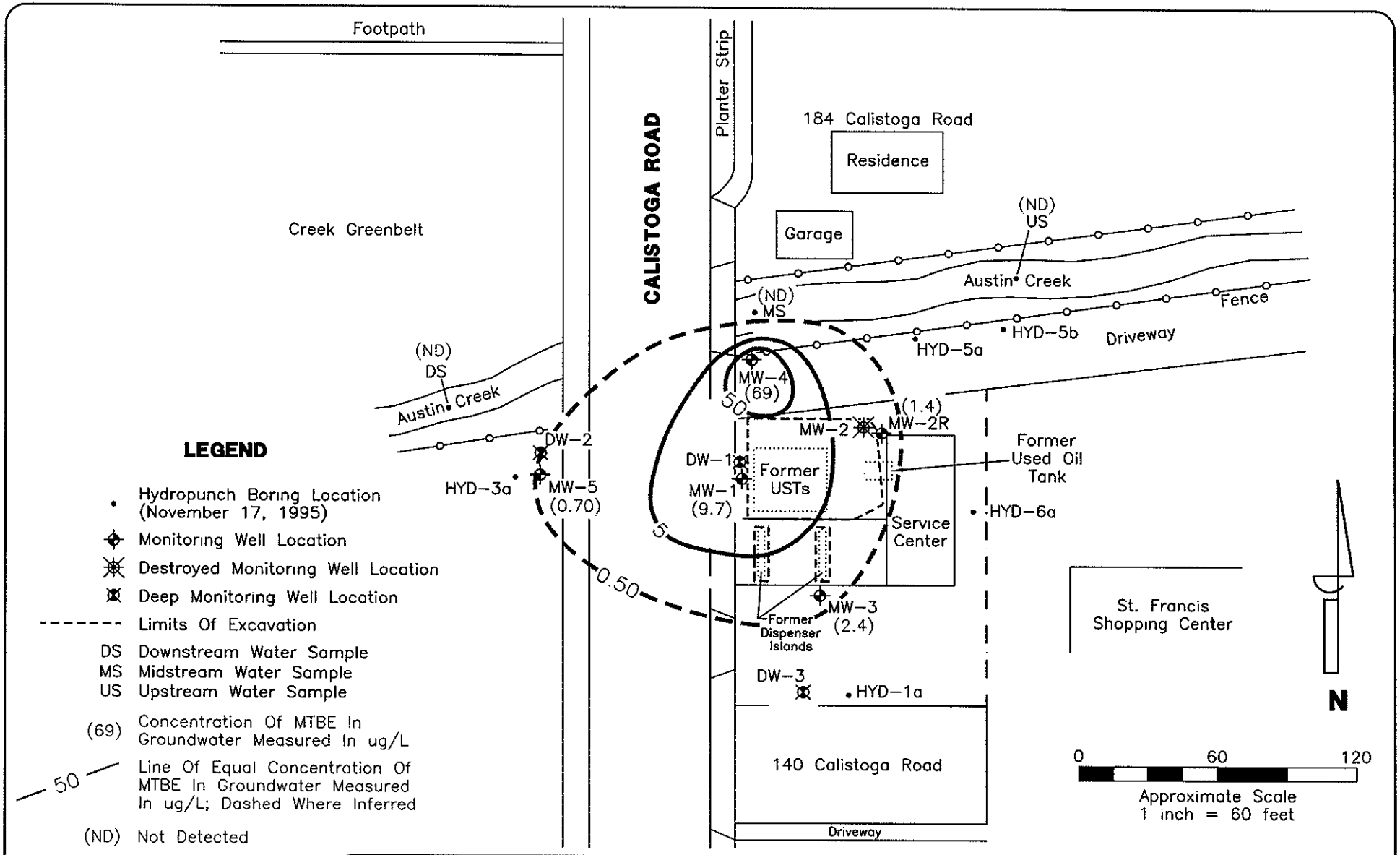
DRAWN BY: J. Curry
DATE: 5/2/06
REVISIONS

SHALLOW-ZONE TPHg IN GROUNDWATER ISOCONCENTRATION MAP: JANUARY 31, 2006

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE
5

PROJECT NUMBER:
ERA02.028



APEX ENVIROTECH, INC.

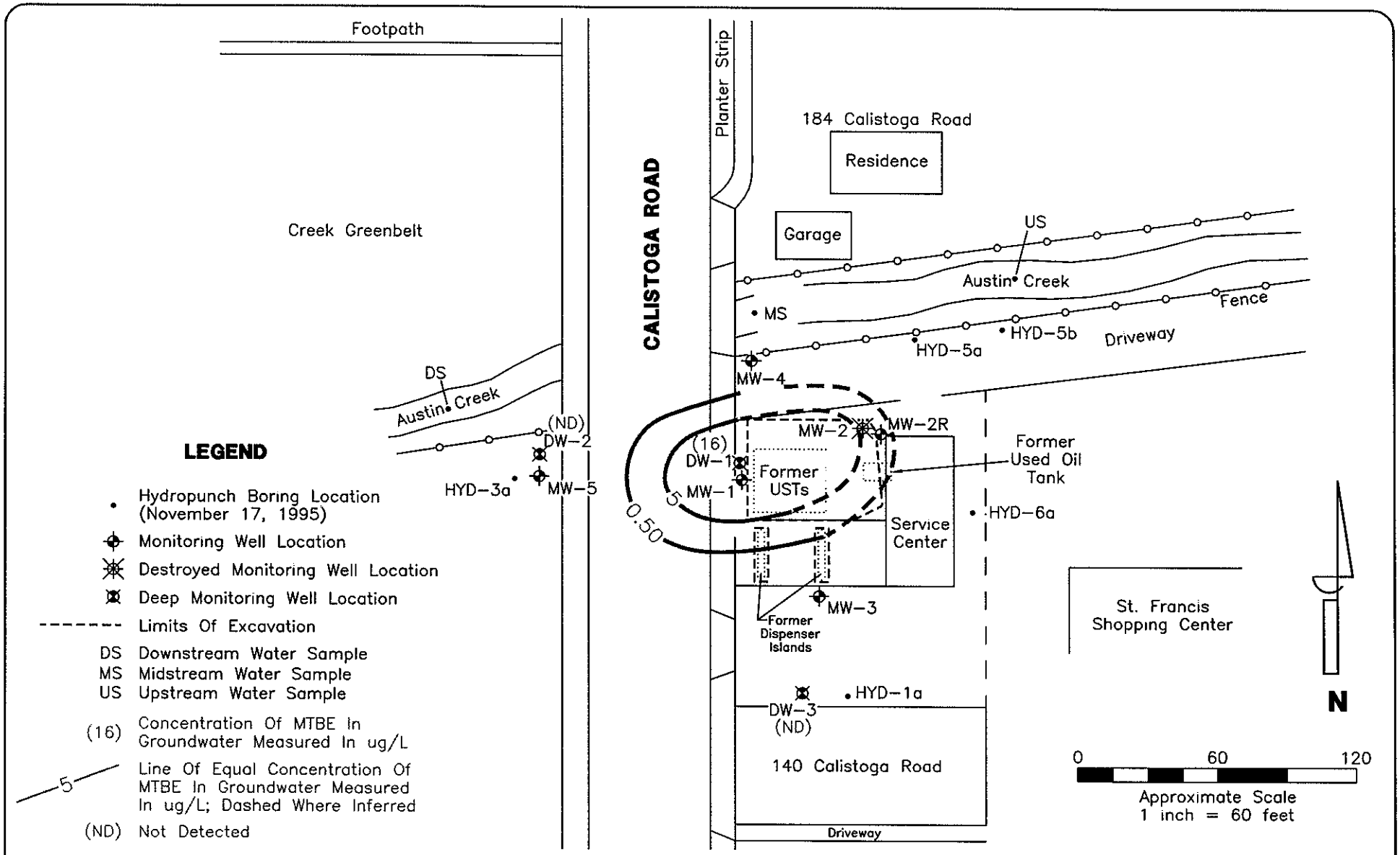
DRAWN BY: J. Curry
DATE: 5/2/06
REVISIONS

SHALLOW-ZONE MTBE IN GROUNDWATER ISOCONCENTRATION MAP: JANUARY 31, 2006

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE
6

PROJECT NUMBER:
ERA02.028



APEX ENVIROTECH, INC.

DRAWN BY: J. Curry
DATE: 5/2/06
REVISIONS

DEEP-ZONE MTBE IN GROUNDWATER ISOCONCENTRATION MAP: JANUARY 31, 2006

Former Dave's Pit Stop No. 1
164 Calistoga Road
Santa Rosa, California

FIGURE
7

PROJECT NUMBER:
ERA02.028

TABLES

TABLE 1
WELL CONSTRUCTION DETAILS
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Well Number	Well Installation Date	*Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)
MW-1	6/13/1990	292.66	PVC	21	21	4	6 - 21	5 - 21
MW-2	6/13/1990	293.22	PVC	---	---	---	---	---
MW-2R	10/1/1999	293.12	PVC	18.5	18.5	2	4 - 18.5	3 - 18.5
MW-3	6/13/1990	293.59	PVC	21	21	4	6 - 21	5 - 21
MW-4	1/11/1996	292.70	PVC	20	20	2	5 - 20	4 - 20
MW-5	1/3/2002	291.00	PVC	18	18	2	3 - 18	2 - 18
DW-1	1/3/2002	292.82	PVC	40	40	2	35 - 40	34 - 40
DW-2	1/3/2002	291.15	PVC	40	40	2	35 - 40	34 - 40
DW-3	1/3/2002	293.20	PVC	40	40	2	35 - 40	34 - 40

Notes:
* Information reported by Clearwater Group, Inc. entitled *Additional Site Assesment Report*, Jan. 29, 2002.

MW-2 = Destroyed by overexcavation activities (Feb. 1999). Replaced by MW-2R
--- = No data found in available reports
TOC = Top of Casing
PVC = Polyvinyl Chloride
DW = Deep Well

TABLE 2
GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop No.1
164 Calistoga Road
Santa Rosa, California
(all measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of Casing)	Depth to Groundwater	Groundwater Elevation
Shallow Zone:				
MW-1	1/31/06	292.66	3.64	289.02
MW-2R	1/31/06	293.12	4.10	289.02
MW-3	1/31/06	293.53	3.93	289.60
MW-4	1/31/06	292.70	4.29	288.41
MW-5	1/31/06	291.00	3.20	287.80
Deep Zone:				
DW-1	1/31/06	292.82	10.61	282.21
DW-2	1/31/06	291.15	3.05	288.10
DW-3	1/31/06	293.20	11.34	279.81

TABLE 3
GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop No.1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
Shallow Zone:							
MW-1	1/31/06	**1,800**	<0.50	<0.50	**4.1**	<0.50	**9.7**
MW-2R	1/31/06	**62***	<0.50	<0.50	<0.50	<0.50	**1.4**
MW-3	1/31/06	**62**	<0.50	<0.50	<0.50	<0.50	**2.4**
MW-4	1/31/06	**200***	<0.50	<0.50	<0.50	<0.50	**69**
MW-5	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	**0.70**
Deep Zone:							
DW-1	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	**16**
DW-2	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
DW-3	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
Creek:							
DS	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MS	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
US	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50

NOTES:

TPH - Total Petroleum Hydrocarbons
MTBE - Methyl Tertiary Butyl Ether
ug/L - micrograms per Liter

< -below laboratory detection limits
*TPH as gasoline does not exhibit a typical Gasoline chromatographic pattern for sample

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop #1
164 Calisotga Road
Santa Rosa, California
(All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater	Groundwater Elevation
Shallow Zone:				
MW-1	6/13/90	99 64	7 21	92.43
	11/14/90	---	---	---
	4/2/91	---	---	---
	8/1/91	---	---	---
	1/22/92	292 73	5.20	287 53
	9/14/92		8 17	284 56
	12/16/92		4 77	287.96
	3/9/93		3.94	288.79
	7/14/93		5.83	286.90
	9/23/93		8.34	284 39
	12/15/93		4 56	288 17
	1/11/96		5 05	287 68
	7/12/96		6 62	286.11
	1/7/97		3.55	289.18
	7/28/97		7.73	285 00
	2/9/98		2 30	290 43
	7/30/98		5.81	286.92
	3/16/99		5.38	287.35
	6/15/99	well box damage		
	10/1/99	292.66	7.73	284 93
	11/23/99		5 19	287 47
	2/16/00		2.30	290.36
	5/10/00		4.60	288.06
	7/11/00		6 03	286 63
	10/6/00		7 08	285 58
	3/29/01		4.66	288.00
	10/8/02		7.88	284.78
	1/3/02		2 24	290 42
	5/6/02		5 00	287.66
	12/19/02		---	---
	2/27/03		4.35	288.31
	6/24/03		5.36	287.30
	9/10/03		6 81	285.85
	12/17/03		blocked	
	2/19/04		2.46	290 20
	5/25/04		5.62	287.04
	8/12/04		7.56	285.10
	11/18/04		5.31	287.35
	2/25/05		3 91	288 75
	5/20/05		3.38	289 28
	9/13/05		6.97	285.69
	12/1/05		4 52	288.14
	1/31/06		3 64	289.02

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop #1
164 Calisotga Road
Santa Rosa, California
(All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater	Groundwater Elevation
MW-2	6/13/90	100.10	7.65	92.45
	11/14/90	---	---	---
	4/2/91	---	---	---
	8/1/91	---	---	---
	1/22/92	293.20	5.69	287.51
	9/14/92		8.57	284.63
	12/16/92		5.16	288.04
	3/9/93		4.56	288.64
	7/14/93		6.69	286.51
	9/23/93		8.77	284.43
	12/15/93		5.00	288.20
	1/11/96		5.51	287.69
	7/12/96		7.07	286.13
	1/7/97		4.10	289.10
	7/28/97		8.12	285.08
	2/9/98		2.86	290.34
	7/30/98		6.06	287.14
	well destroyed			
MW-2R	10/1/99	293.12	8.02	285.10
	11/23/99		5.41	287.71
	2/16/00		3.07	290.05
	5/10/00		4.93	288.19
	7/11/00		6.15	286.97
	10/6/00		7.20	285.92
	3/29/01		4.97	288.15
	10/8/02		7.99	285.13
	1/3/02		2.78	290.34
	5/6/02		5.24	287.88
	12/19/02		3.66	289.46
	2/27/03		4.73	288.39
	6/24/03		5.53	287.59
	9/10/03		6.92	286.20
	12/17/03		4.56	288.56
	2/19/04		3.03	290.09
	5/25/04		6.72	286.40
	8/12/04		7.71	285.41
	11/18/04		5.43	287.69
	2/25/05		4.29	288.83
	5/20/05		3.88	289.24
	9/13/05		6.98	286.14
	12/1/05		4.71	288.41
	1/31/06		4.10	289.02

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop #1
164 Calisotga Road
Santa Rosa, California
(All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater	Groundwater Elevation
MW-3	6/13/90	100 44	7 85	92.59
	11/14/90	---	---	---
	4/2/91	---	---	---
	8/1/91	---	---	---
	1/22/92	293 53	5 80	287 73
	9/14/92		8 74	284 79
	12/16/92		5.12	288.41
	3/9/93		4.38	289.15
	7/14/93		6 79	286 74
	9/23/93		8 92	284 61
	12/15/93		4.95	288.58
	1/11/96		5.67	287 86
	7/12/96		7 08	286 45
	1/7/97		4 02	289 51
	7/28/97		8.20	285.33
	2/9/98		2.79	290.74
	7/30/98		6.21	287.32
	3/16/99		5.78	287.75
	6/15/99		6 05	287 48
	10/1/99		8 18	285.35
	11/23/99		5.87	287.66
	2/16/00		2.89	290.64
	5/10/00		5.11	288 42
	7/11/00		6 43	287 10
	10/6/00		7.20	286 33
	3/29/01		5.15	288.38
	10/8/02		8.26	285.27
	1/3/02		2 82	290.71
	5/6/02		5 57	287 96
	12/19/02		3.51	290 02
	2/27/03		4.78	288.75
	6/24/03		5.84	287.69
	9/10/03		7 19	286 34
	12/17/03		4.73	288 80
	2/19/04		2.88	290.65
	5/25/04		6 02	287.51
	8/12/04		7 94	285 59
	11/18/04		5.98	287 55
	2/25/05		4.16	289.37
	5/20/05		3.81	289.72
	9/13/05		7 27	286.26
	12/1/05		5 29	288.24
	1/31/06		3 93	289 60

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop #1
164 Calisotga Road
Santa Rosa, California
(All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater	Groundwater Elevation
MW-4	1/11/96	292.70	5.05	287.65
	7/12/96		6.84	285.86
	1/7/97		3.78	288.92
	7/28/97		7.89	284.81
	2/9/98		0.27	292.43
	7/30/98		4.96	287.74
	3/16/99		4.54	288.16
	6/15/99		5.70	287.00
	10/1/99		7.97	284.73
	11/23/99		5.23	287.47
	2/16/00		2.82	289.88
	5/10/00		4.72	287.98
	7/11/00		6.08	286.62
	10/6/00		7.37	285.33
	3/29/01		4.83	287.87
	10/8/02		8.02	284.68
	1/3/02		3.29	289.41
	5/6/02		5.11	287.59
	12/19/02		2.79	289.91
	2/27/03		4.69	288.01
	6/24/03		5.50	287.20
	9/10/03		6.95	285.75
	12/17/03		4.59	288.11
	2/19/04		3.62	289.08
	5/25/04		5.69	287.01
	8/12/04		7.69	285.01
	11/18/04		5.26	287.44
	2/25/05		4.44	288.26
	5/20/05		4.12	288.58
	9/13/05		7.01	285.69
	12/1/05		3.78	288.92
	1/31/06		4.29	288.41
MW-5	1/3/02	291.00	1.92	289.08
	5/6/02		4.60	286.40
	12/19/02		2.50	288.50
	2/27/03		3.69	287.31
	6/24/03		4.84	286.16
	9/10/03		6.53	284.47
	12/17/03		blocked	
	2/19/04		2.03	288.97
	5/25/04		5.09	285.91
	8/12/04		7.90	283.10
	11/18/04		5.72	285.28
	2/25/05		3.63	287.37
	5/20/05		3.42	287.58
	9/13/05		7.02	283.98
	12/1/05		4.72	286.28
	1/31/06		3.20	287.80

TABLE 4
HISTORICAL GROUNDWATER ELEVATION DATA
Former Dave's Pit Stop #1
164 Calisotga Road
Santa Rosa, California
(All measurements are in feet)

Monitoring Well	Date	Reference Elevation (top of casing)	Depth to Groundwater	Groundwater Elevation
Deep Zone:				
DW-1	1/3/02	292.82	0.30	292.52
	5/6/02		6.11	286.71
	12/19/02		3.88	288.94
	2/27/03		6.27	286.55
	6/24/03		20.52	272.30
	9/10/03		7.80	285.02
	12/17/03		4.97	287.85
	2/19/04		4.04	288.78
	5/25/04		6.43	286.39
	8/12/04		7.91	284.91
	11/18/04		14.35	278.47
	2/25/05		14.62	278.20
	5/20/05		13.60	279.22
	9/13/05		14.96	277.86
	12/1/05		15.61	277.21
	1/31/06		10.61	282.21
DW-2	1/3/02	291.15	3.76	287.39
	5/6/02		4.51	286.64
	12/19/02		2.53	288.62
	2/27/03		3.11	288.04
	6/24/03		4.97	286.18
	9/10/03		6.58	284.57
	12/17/03		blocked	
	2/19/04		2.30	288.85
	5/25/04		5.04	286.11
	8/12/04		7.09	284.06
	11/18/04		5.48	285.67
	2/25/05		3.00	288.15
	5/20/05		2.92	288.23
	9/13/05		7.50	283.65
	12/1/05		7.27	283.88
	1/31/06		3.05	288.10
DW-3	1/3/02	293.20	15.69	277.51
	5/6/02		16.32	276.88
	12/19/02		11.98	281.22
	2/27/03		18.45	274.75
	6/24/03		21.54	271.66
	9/10/03		21.81	271.39
	12/17/03		16.12	277.08
	2/19/04		3.97	289.23
	5/25/04		13.31	279.89
	8/12/04		15.18	278.02
	11/18/04		10.12	283.08
	2/25/05		11.48	281.72
	5/20/05		13.43	279.77
	9/13/05		14.01	279.19
	12/1/05		15.39	277.81
	1/31/06		11.34	281.86

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
Shallow Zone:							
MW-1	6/13/90	21,000	13,000	3,100	280	4,900	---
	11/14/90	26,000	2,400	1,700	1,100	2,800	---
	4/2/91	14,000	5,000	230	1,400	190	---
	8/1/91	18,000	6,300	<0.5	1,700	3,900	---
	1/22/92	10,000	2,500	150	650	1,900	---
	9/14/92	13,000	1,500	20	1,000	60	---
	12/16/92	15,000	2,200	190	800	1,400	---
	3/9/93	21,000	1,100	80	540	930	---
	7/14/93	18,000	420	60	500	2,000	---
	9/23/93	11,000	250	30	330	700	---
	12/15/93	2,200	71	4 9	57	100	---
	1/11/96	6,200	410	29	460	220	---
	7/12/96	---	---	---	---	---	---
	1/7/97	---	---	---	---	---	---
	7/28/97	13,000	700	<50	320	<200	67,000
	2/9/98	21,000	490	390	400	300	35,000
	7/30/98	24,000	640	160	150	40	37,000
	3/16/99	3,200	55	4	50	13	5,600
	6/15/99	---	---	---	---	---	---
	10/1/99	3,600	<25	<25	34	<25	1,100
	11/23/99	4,100	49	<5	42	<5	2,100
	2/16/00	5,900	50	<25	63	<25	4,000
	5/10/00	2,700	17	<5	<5	<5	2,000
	7/11/00	1,900	11	6.3	14	<5	970
	10/6/00	1,900	7	<2.5	7	<2 5	850
	3/29/01	2,200	20	<5 0	18	<5 0	1,800
	10/8/02	480	<2 0	<2 0	<2.0	<2 0	650
	1/3/02	2,600	5	<2.0	24	<2 0	890
	5/6/02	2,300	<5	<5	8 6	<10	630
	12/19/02	---	---	---	---	---	---
	2/27/03	2,900	1.2	0.84	13	0.72	160
	6/24/03	1,700	<0.50	<0 50	3 8	<0.50	29
	9/10/03	950	<0.50	<0.50	1.4	<0 50	18
	12/17/03	---	---	---	---	---	---
	2/19/04	3,500	1.2	0.74	11	0.69	110
	5/25/04	1,200	<0.50	<0 50	2 4	<0 50	21
	8/12/04	670	<0 50	<0.50	<0 50	<0 50	32
	11/18/04	870	<0.50	<0.50	1 3	<0.50	17
	2/25/05	2,200	0.54	<0.50	7 0	0 56	26
	5/20/05	2,400	<0.50	0.72	9 8	0.56	11
	9/14/05	700	<0.50	<0.50	<0 50	<0.50	11
	12/1/05	---	---	---	---	---	---
	1/31/06	**1,800**	<0 50	<0.50	**4.1**	<0.50	**9.7**

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
MW-2	6/13/90	7,700	3,900	520	270	910	---
	11/14/90	3,600	1,200	65	160	310	---
	4/2/91	30,000	4,600	3,900	1,100	5,600	---
	8/1/91	11,000	170	90	450	1,400	---
	1/22/92	FLH	FLH	FLH	FLH	FLH	FLH
	9/14/92	4,800	440	10	460	10.0	---
	12/16/92	4,900	430	64	130	530	---
	3/9/93	7,300	160	81	330	870	---
	7/14/93	770	75	1 2	36	16	---
	9/23/93	1,400	32	20	90	6	---
	12/15/93	9,200	100	14	110	140	---
	1/11/96	900	370	100	18	30	---
	7/12/96	---	---	---	---	---	---
	1/7/97	---	---	---	---	---	---
	7/28/97	3,800	130	70	110	330	30,000
	2/9/98	80,000	700	200	600	1,400	220,000
	7/30/98	18,000	200	460	56	120	19,000
	well destroyed						
MW-2R	10/1/99	70	<0 5	<0.5	<0 5	<0.5	28
	11/23/99	110	<0.5	<0.5	<0.5	<0.5	130
	2/16/00	1,100	10	<5	<5	<5	2,500
	5/10/00	88	<0.5	<0 5	<0.5	<0 5	37
	7/11/00	170	0.5	<0.5	<0.5	<0.5	35
	10/6/00	130	<0.5	<0 5	<0 5	<0.5	48
	3/29/01	52	<0 5	<0 5	<0 5	<0 5	20
	10/8/02	160	<0.5	<0.5	<0.5	<0 5	10
	1/3/02	120	7.5	<0.5	<0.5	<0.5	140
	5/6/02	91	<0.5	<0.5	<0.5	<1	<5
	12/19/02	<50	<0.50	<0.50	<0 50	<1.0	11
	2/27/03	71	<0 50	<0 50	<0 50	<0 50	3.6
	6/24/03	87	<0 50	<0 50	<0 50	<0 50	1.1
	9/10/03	69	<0 50	<0 50	<0 50	<0.50	1.9
	12/17/03	<50	<0.50	<0 50	<0.50	<0.50	2.2
	2/19/04	53	0.77	<0.50	<0 50	<0.50	6.4
	5/25/04	81	<0 50	<0.50	<0 50	<0.50	<0.50
	8/12/04	<50	<0 50	<0 50	<0 50	<0 50	1.9
	11/18/04	83*	<0 50	<0 50	<0.50	<0 50	0.68
	2/25/05	88*	<0.50	<0.50	<0.50	<0.50	1.4
	5/20/05	52*	<0.50	<0.50	<0.50	<0.50	0.64
	9/13/05	89*	<0.50	<0.50	<0.50	<0.50	0.62
	12/1/05	78*	<0 50	<0.50	<0 50	<0.50	<0.50
	1/31/06	**62***	<0.50	<0 50	<0 50	<0 50	**1.4**

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
MW-3	6/13/90	310	19	ND	0 5	1.4	---
	11/14/90	450	11	39	18	37	---
	4/2/91	710	18	<0 5	12	19	---
	8/1/91	470	10	<0.5	3	4 4	---
	1/22/92	690	9.6	<0.5	14	31	---
	9/14/92	530	2.9	<10	1 1	0.9	---
	12/16/92	850	6.1	2.8	6 0	8.1	---
	3/9/93	780	<0.5	<0 5	8.7	9 6	---
	7/14/93	290	11	1.4	2.4	1 6	---
	9/23/93	320	3 40	ND	ND	ND	---
	12/15/93	540	4 80	11	2 3	3.0	---
	1/11/96	1,000	7 00	2 0	18	29	---
	7/12/96	---	---	---	---	---	---
	1/7/97	---	---	---	---	---	---
	7/28/97	370	0.70	0.8	<0.5	<2	42
	2/9/98	1,800	30	67	22	50	2,100
	7/30/98	470	0.95	1.0	<0.5	1.6	110
	3/16/99	890	6.9	1.1	0.74	2.1	270
	6/15/99	350	0 62	<0.5	<0 5	<0.5	72
	10/1/99	220	1 2	0.5	<0 5	<0.5	46
	11/23/99	480	4.9	<2.5	<2.5	<2.5	340
	2/16/00	320	2.7	1.0	0.69	2.4	200
	5/10/00	280	1 1	<0 5	<0 5	<0.5	62
	7/11/00	200	1 1	<0 5	<0 5	<0.5	31
	10/6/00	290	1.4	<0.5	<0 5	<0.5	18
	3/29/01	230	2.0	0.6	<0.5	<0 5	76
	10/8/02	140	<0 5	<0.5	<0.5	<0.5	8
	1/3/02	99	<0 5	<0 5	<0.5	<0.5	150
	5/6/02	260	<0.5	<0.5	<0.5	<1	18
	12/19/02	<50	<0 50	<0.50	<0 50	<1.0	360
	2/27/03	130	<0 50	<0 50	<0 50	<0 50	67
	6/24/03	96	<0.50	<0 50	<0 50	<0 50	16
	9/10/03	120	<0.50	<0.50	<0.50	<0.50	3.9
	12/17/03	87	<0 50	<0.50	<0.50	<0.50	23
	2/19/04	89	<0 50	<0 50	<0.50	<0.50	8 7
	5/25/04	100	<0 50	<0 50	<0 50	<0 50	3.7
	8/12/04	77	<0.50	<0 50	<0 50	<0 50	2 5
	11/18/04	120	<0.50	<0.50	<0.50	<0.50	4 2
	2/25/05	69	<0 50	<0 50	<0.50	<0.50	4 3
	5/20/05	140*	<0 50	<0 50	<0.50	<0.50	2 7
	9/13/05	110*	<0 50	<0 50	<0 50	<0 50	1.0
	12/1/05	140	<0.50	<0 50	<0 50	<0 50	1 4
	1/31/06	**62**	<0 50	<0.50	<0.50	<0.50	**2.4**

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
MW-4	1/11/96	<50	10	0.8	<0.5	<2	---
	7/12/96	80	0 6	<0.5	<0.5	<2	1,800
	1/7/97	300	3.0	5.0	<3	<10	1,600
	7/28/97	<300	<3	<3	<3	<10	760
	2/9/98	1,200	10	8.0	9.0	20	2,800
	7/30/98	1,500	<0 5	<0.5	<0.5	0 54	1,200
	3/16/99	130	<0.5	1.0	<0 5	0.64	980
	6/15/99	<500	<5.0	<5.0	<5 0	<5.0	700
	10/1/99	400	<2 5	<2 5	<2.5	<2.5	520
	11/23/99	310	<2.5	<2 5	<2.5	<2 5	520
	2/16/00	580	<5.0	<5.0	<5 0	<5.0	440
	5/10/00	680	<0.5	<0.5	<0 5	<0.5	850
	7/11/00	430	<2 5	3.1	<2.5	<2 5	610
	10/6/00	360	<1.0	<1 0	<1.0	<1 0	53
	3/29/01	340	<0.5	<0.5	<0 5	<0.5	420
	10/8/02	140	<0 5	<0.5	<0 5	<0.5	610
	1/3/02	320	<0 5	<0 5	<0.5	<0 5	240
	5/6/02	620	<0.5	<0.5	<0.5	<0 5	620
	12/19/02	<50	<0 50	<0 50	<0.50	<1.0	7.4
	2/27/03	300	<0.50	<0 50	<0.50	<0.50	250
	6/24/03	380	<0.50	<0.50	<0 50	<0.50	250
	9/10/03	220	<0 50	<0.50	<0 50	<0.50	150
	12/17/03	130	<0 50	<0.50	<0 50	<0 50	73
	2/19/04	280	<0 50	<0 50	<0.50	<0 50	170
	5/25/04	210	<0.50	<0.50	<0.50	<0 50	150
	8/12/04	130	<0 50	<0.50	<0.50	<0.50	100
	11/18/04	<50	<0 50	<0 50	<0 50	<0.50	15
	2/25/05	240*	<0 50	<0 50	<0 50	<0 50	85
	5/20/05	250*	<0.50	<0 50	<0.50	<0 50	99
	9/13/05	150*	<0 50	<0.50	<0.50	<0.50	55
	12/1/05	<50	<0 50	<0.50	<0 50	<0.50	5 7
	1/31/06	**200***	<0 50	<0 50	<0 50	<0.50	**69**
MW-5	1/3/02	<50	<0 5	<0.5	<0 5	<0.5	<0.5
	5/6/02	<50	<0.5	<0.5	<0.5	<1	<5
	12/19/02	<50	<0.50	<0 50	<0 50	<1.0	<5.0
	2/27/03	<50	<0.50	<0.50	<0.50	<0 50	5.1
	6/24/03	84	<0 50	<0.50	<0 50	<0.50	4.9
	9/10/03	<50	<0 50	<0.50	<0 50	<0.50	6 1
	12/17/03	---	---	---	---	---	---
	2/19/04	<50	<0.50	<0 50	<0.50	<0 50	<0 50
	5/25/04	52	<0 50	<0.50	<0.50	<0.50	3.5
	8/12/04	<50	<0 50	<0.50	<0.50	<0.50	3.8
	11/18/04	64	<0 50	2 2	<0 50	<0.50	7.0
	2/25/05	<50	<0.50	1.1	<0 50	<0.50	0.82
	5/20/05	<50	<0.50	3.2	<0.50	<0 50	2 1
	9/13/05	<50	<0 50	<0.50	<0.50	<0 50	4.0
	12/1/05	<50	<0 50	<0.50	<0 50	<0.50	5.6
	1/31/06	<50	<0.50	<0 50	<0 50	<0.50	**0.70**

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
Deep Zone:							
DW-1	1/3/02	370	<1	<1	<1	<1	380
	5/6/02	570	<1	<1	<1	<2	300
	12/19/02	98	<0.50	<0.50	<0.50	<1.0	200
	2/27/03	84	<0.50	<0.50	<0.50	<0.50	150
	6/24/03	87	<0.50	<0.50	<0.50	<0.50	150
	9/10/03	<50	<0.50	<0.50	<0.50	<0.50	110
	12/17/03	<50	<0.50	<0.50	<0.50	<0.50	70
	2/19/04	67	<0.50	<0.50	<0.50	<0.50	63
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	50
	8/12/04	<50	<0.50	<0.50	<0.50	<0.50	38
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	34
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	28
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	29
	9/13/05	<50	<0.50	<0.50	<0.50	<0.50	23
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	20
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	**16**
DW-2	1/3/02	<50	<0.5	<0.5	<0.5	<0.5	0.68
	5/6/02	<50	<0.5	<0.5	<0.5	<1	<5
	12/19/02	---	---	---	---	---	---
	2/27/03	<50	<0.50	<0.50	<0.50	<0.50	1.4
	6/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/10/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/17/03	---	---	---	---	---	---
	2/19/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	8/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/13/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
DW-3	1/3/02	<50	<0.5	<0.5	<0.5	<0.5	0.76
	5/6/02	<50	<0.5	<0.5	<0.5	<1	<5
	12/19/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0
	2/27/03	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	6/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/10/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/17/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/19/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	8/12/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/13/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 5
HISTORICAL GROUNDWATER ANALYTICAL DATA
Former Dave's Pit Stop #1
164 Calistoga Road
Santa Rosa, California

Monitoring Well	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				MTBE (8260) (ug/L)
			Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylenes (ug/L)	
Creek							
DS	6/24/03	<50	<0.50	<0.50	<0.50	<0.50	1.9
	9/10/03	Creek dry					
	12/17/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/19/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	1.3
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/13/05	Creek dry					
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MS	6/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/10/03	Creek dry					
	12/17/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/19/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/13/05	Creek dry					
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
US	6/24/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/10/03	Creek dry					
	12/17/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/19/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/25/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	11/18/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	5/20/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	9/13/05	Creek dry					
	12/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	1/31/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50
Domestic Well	2/25/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50

NOTES:

TPH - Total Petroleum Hydrocarbons
MTBE - Methyl Tertiary Butyl Ether
---- -Not analyzed
ug/L - micrograms per Liter

< -below laboratory detection limits
*TPH as gasoline does not exhibit a typical Gasoline chromatographic pattern for sample

APEX ENVIROTECH INC.
FIRST QUARTER 2006
ERA02.028

APPENDIX A

APEX STANDARD OPERATING PROCEDURES

APEX ENVIROTECH, INC.

STANDARD OPERATING PROCEDURES

SOP-1
SOIL BORING SAMPLING

During drilling, soil samples for chemical analysis are collected in thin-walled brass tubes, of varying diameters and lengths (e.g., 4 or 6 inches long by 2 inches outside diameter). Three or four of the selected tubes, plus a spacer tube, are set in an 18-inch long split-barrel sampler of the appropriate inside-diameter

Where possible, the split-barrel sampler is driven its entire length either hydraulically or using a 140-pound drop hammer. The sampler is extracted from the borehole and the brass tubes, containing the soil samples, are removed. Upon removal from the sampler, the selected brass tubes are either immediately trimmed and capped with aluminum foil or "Teflon" sheets and plastic caps or the samples are extruded from the tubes and sealed within other appropriate, cleaned sample containers. The samples are then hermetically sealed, labeled, and refrigerated for delivery, under strict chain-of-custody, to the analytical laboratory. These procedures minimize the potential for cross-contamination and volatilization of volatile organic compounds (VOC) prior to chemical analysis

One soil sample collected at each sampling interval is analyzed in the field using either a portable photoionization detector (PID), flame ionization detector, organic vapor analyzer, catalytic gas detector, or an explosimeter. The purpose of this field analysis is to qualitatively determine the presence or absence of hydrocarbons, and the samples to be analyzed at the laboratory. The soil sample is sealed in either a brass tube, glass jar, or plastic bag to allow for some volatilization of VOC. The PID is then used to measure the concentrations of hydrocarbons within the containers's headspace. The data is recorded on both field notes and the boring logs at the depth corresponding to the sampling point.

Other soil samples are collected to document the soil and/or stratigraphic profile beneath the project site, and estimate the relative permeability of the subsurface materials All drilling and sampling equipment are either steam cleaned or washed in solution and doubly rinsed in deionized water prior to use at each site and between boreholes to minimize the potential for cross-contamination

In the event the soil samples cannot be submitted to the analytical laboratory on the same day they are collected (e.g., due to weekends or holidays), the samples are temporarily stored until the first opportunity for submittal either on ice in a cooler, such as when in the field, or in a refrigerator at Apex's office.

SOP-2
SOIL EXCAVATION AND SAMPLING

Excavation and subsequent soil sampling is performed under the direction of a registered geologist or civil engineer. To reduce the potential for cross-contamination, all excavation equipment is either steam cleaned or washed prior to use and between excavations. Soil samples for chemical analysis are collected in cleaned, thin-walled brass tubes of varying diameters and lengths (e.g., 6 inches long by 2 inches outside diameter) or other appropriate cleaned sample container. If used, one tube may be set in a 2-inch inside diameter, hand-driven sampler. To reduce the potential for cross-contamination between samples, the sampler is washed in a solution and doubly rinsed between each sampling event.

Upon recovery, a portion of the soil sample is sealed for later screening with either a portable photoionization detector, flame ionization detector, or an explosimeter. Another portion of the sample is used for description of the excavated materials. A third portion of the sample is hermetically sealed, labeled and refrigerated for delivery, under strict chain-of-custody, to the analytical laboratory. These procedures minimize the potential for cross-contamination and volatilization of volatile organic compounds prior to chemical analysis

In the event the soil samples cannot be submitted to the analytical laboratory on the same day they are collected (e.g., due to weekends or holidays), the samples are temporarily stored until the first opportunity for submittal either on ice in a cooler, such as when in the field, or in a refrigerator at Apex's office

SOP-3
SOIL CLASSIFICATION

Soil samples are classified according to the Unified Soil Classification System. Representative portions of the samples may be submitted, under strict chain-of-custody, to an analytical laboratory for further examination and verification of the in-field classification and analysis of soil mechanical and/or petrophysical properties. The soil types are indicated on logs of either excavations or borings together with depths corresponding to the sampling points and other pertinent information

SOP-4
SAMPLE IDENTIFICATION AND CHAIN-OF-CUSTODY PROCEDURES

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, sampling methodology, name(s) of on-site personnel, and any other pertinent field observations also recorded on the field excavation or boring log.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample-control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded

SOP-5
LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

1. Participation in state and federal laboratory accreditation/certification programs;

2. Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;

3. Standard operating procedures describing routine and periodic instrument maintenance;

4. "Out-of-Control"/Corrective Action documentation procedures; and,

5. Multi-level review of raw data and client reports.

SOP-6
HOLLOW-STEM AUGER MONITORING WELL INSTALLATION AND DEVELOPMENT

Boreholes for monitoring wells are drilled using a truck-mounted, hollow-stem auger drill rig. The borehole diameter will be a minimum of 4 inches larger than the outside diameter of the casing when installing well screen The hollow-stem auger provides minimal interruption of drilling while permitting soil sampling at desired intervals Soil samples are collected by either hammering (with a 140-pound drop hammer) or hydraulically pushing a conventional split-barrel sampler containing pre-cleaned 2-inch-diameter brass tubes A geologist or engineer from Apex Envirotech, Inc., continuously logs each borehole during drilling and constantly checks drill cuttings for indications of both the first recognizable occurrence of groundwater and volatile hydrocarbons using either a portable photoionization detector, flame ionization detector, or an explosimeter. The sampler is rinsed between samples and either steam cleaned or washed with all other drilling equipment between borings to minimize the potential for cross-contamination.

Monitoring wells are cased with threaded, factory-perforated and blank Schedule 40 PVC. The perforated interval consists of slotted casing, generally with 0.020-inch wide by 1.5-inch long slots, with 42 slots per foot. A PVC cap may be secured to the bottom of the casing with stainless steel screws; no solvents or cements are used Centering devices may be fastened to the casing to ensure even distribution of filter material and grout within the borehole annulus The well casing is thoroughly washed and/or steam cleaned, or may be purchased as pre-cleaned, prior to installation.

After setting the casing inside the hollow-stem auger, sand or gravel filter material is poured into the annular space to fill from boring bottom to generally 1 foot above the perforated interval. A 1- to 2-foot thick bentonite plug is set above this filter material to prevent grout from infiltrating the filter pack. Either neat cement, containing about 5 percent bentonite, or sand-cement grout is then tremmied into the annular space from the top of the bentonite plug to near surface. A traffic-rated vault is installed around each wellhead for wells located in parking lots or driveways, while steel "stovepipes" are usually set over wellheads in landscaped areas.

After installation, the wells are thoroughly developed to remove residual drilling materials from the wellbore, and to improve well performance by removing fine material from the filter pack that may pass into the well Well development techniques used may include pumping, surging, bailing, swabbing, jetting, flushing, and air-lifting. All development water is collected either in drums or tanks for temporary storage, and properly disposed of depending on laboratory analytical results. To minimize the potential for cross-contamination between wells, all development equipment is either steam cleaned or properly washed prior to use Following development, the well is allowed to stand undisturbed for a minimum of 24 hours before its first sampling

SOP-7
GROUNDWATER PURGING AND SAMPLING

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize, a maximum of ten wetted-casing volumes of groundwater have been recovered, or the well is bailed dry When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

The groundwater sample is decanted into each VOA vial in such a manner that there is no meniscus at the top of the vial. A cap is quickly secured to the top of the vial. The vial is then inverted and gently tapped to see if air bubbles are present If none are present, the vial is labeled and refrigerated for delivery, under strict chain-of-custody, to the analytical laboratory Label information should include a unique sample identification number, job identification number, date, time, type of analysis requested and the sampler's name.

For quality control purposes, a duplicate water sample is collected from each well. This sample may also be analyzed or put on hold at the laboratory. When required, a trip blank, prepared at the laboratory, is placed in the transport cooler. It is labeled similar to the well samples, remains in the cooler during transport and is analyzed by the laboratory along with the groundwater samples. In addition, a field blank may be prepared in the field when sampling equipment is not dedicated The field blank is prepared after a pump or bailer has been either steam cleaned or properly washed, prior to use in the next well, and is analyzed along with the other samples. The field blank analysis demonstrates the effectiveness of the in-field cleaning procedures to prevent cross-contamination.

To minimize the potential for cross-contamination between wells, all well development and water sampling equipment not dedicated to a well is either steam cleaned or properly washed between use. As a secondary precautionary measure, wells are sampled in order of least to highest concentrations as established by available previous analytical data.

In the event the water samples cannot be submitted to the analytical laboratory on the same day they are collected (e.g., due to weekends or holidays), the samples are temporarily stored until the first opportunity for submittal either on water ice in a cooler, such as when in the field, or in refrigerator at Apex's office.

SOP-8
ROTARY DRILLING MONITORING WELL INSTALLATION AND DEVELOPMENT

Boreholes for monitoring wells may be drilled using truck-mounted drill rigs capable of air- and mud-rotary drilling, and continuous coring and/or drilling with tri-cone roller or fixed-blade drag bits Generally, rotary drilling is used when more conventional hollow-stem auger drilling either is or becomes infeasible. Various drilling fluids (mud or air), used to keep the borehole from caving and to remove drill cuttings, are chosen according to the nature of the soils and/or geologic formations expected to be encountered as well as the monitoring program. Samples may be collected directly from cores. A geologist or engineer from Apex Envirotech, Inc., continuously logs each boring during drilling and checks returned drill cuttings for indications of both the first recognizable occurrence of groundwater and volatile hydrocarbons, using either a portable photoionization detector (PID), flame ionization detector, or explosimeter. All drilling equipment is either steam cleaned or washed between borings to minimize the potential for cross-contamination

Frequently, hollow-stem augers are used to drill and sample to either a minimum depth or auger refusal. In such cases, the augers may be left in place as temporary surface casing, with the center plug removed and drilling/coring carried out through the augers. Alternatively, a shallow conductor casing, or surface casing, may be set by drilling to a desired depth with a large-diameter bit, then setting the casing and proceeding with the drilling/coring. After total drill depth (TD) is reached, the borehole may be logged by geophysical means or hydraulically tested. If casing is not set to the

bottom of the borehole, the lower portion of the hole may be grouted or backfilled accordingly. The borehole may be drilled out (reamed) Upon reaching TD, drilling fluid is circulated to remove cuttings Selected casing is then run into the borehole and set to the desired depth. Monitoring wells are cased with clean, threaded, factory-perforated and blank casing. The perforated interval consists of slotted casing, generally with 0.020-inch-wide by 1.5-inch-long slots, with 42 slots per foot Centering devices may be fastened to the casing the ensure even distribution of filter material and grout within the borehole annulus The well casing is thoroughly washed and/or steam cleaned. or may be purchased as pre-cleaned, prior to installation. All recoverable drilling fluid and/or cuttings are collected for temporary storage and disposed of properly pending analytical results

After setting the casing, sand or gravel filter material is poured into the annular space to fill from boring bottom to generally 1 foot above the perforated interval A 1- to 2-foot-thick bentonite plug is set above this filter material to prevent grout from infiltrating the filter pack. Either neat cement, containing about 5 percent bentonite, or sand-cement grout is then tremmied into the annular space from the top of the bentonite plug to near surface. A traffic-rated vault is installed around each wellhead for wells located in parking lots or driveways, while steel "stovepipes" are usually set over wellheads in landscaped areas.

After installation, the wells are thoroughly developed to remove residual drilling materials from the wellbore, and to improve well performance by removing fine material from the filter pack that may pass into the well Well development techniques used may include pumping, surging, bailing, swabbing, jetting, flushing, and air-lifting. All development water is collected either in drums or tanks for temporary storage, and properly disposed of pending laboratory analytical results. To minimize the potential for cross-contamination between wells, all development equipment is either steam cleaned or properly washed prior to use. Following development, the well is allowed to stand undisturbed for a minimum of 24 hours before its first sampling

SOP-9
VAPOR SAMPLING: "TEDLAR" BAG SAMPLING TECHNIQUE

Prior to vapor sampling, the vacuum system must reach a stabilized air flow (cubic feet per minute) for approximately 15 minutes. Prior to the actual collection of the vapor sample, the following data is recorded: air flow, temperature, and pressure at collection ports and gauges

The sampling equipment consists of a "Tedlar" bag (available in 1 3, 5, and 10 liter sizes), a diaphragm pump, and 1/4-inch-diameter polyethylene tubing (approximately 1 foot long).

The sampling ports are brass connections, fitted with a silicone septa, and threaded into a tapped hole in the system piping. The sampling procedure requires one end of the tubing be slipped over the sampling port and the other end over the diaphragm pump to acquire an air-tight connection. The sampling pump is purged for 1 minute with the extracted vapor to be sampled Following purging, the discharge of the pump is then diverted through a two-way valve into the "Tedlar" bag, which should be filled to 3/4 of volume capacity Caution should be taken not to overfill the sampling bag. The sample is placed in a non-refrigerated dry cooler with sufficient packing to eliminated damage during transport Cooling samples will cause condensation of moisture within the sample, thereby distorting laboratory analysis.

For quality control purposes, a duplicate vapor sample should be collected from each sampling port. This sample is then put on hold at the laboratory pending initial analysis. To ensure quality control and minimize the potential for cross-contamination prior to and during sampling, the diaphragm pump is thoroughly purged for approximately 5 minutes with nitrogen or clean air (i.e., compressed clean air). A "blank" sample of the discharged air is captured in a as necessary with a large-diameter bit

"Tedlar" bag at the end of the purging procedure and may be analyzed to ensure the purging was effective

To minimize the potential for cross-contamination between air samples, the polyethylene tubing, if not sample dedicated, is thoroughly cleaned and rinsed.
Vapor samples are subject to very limited holding times, typically 48 hours. Thus, care must taken to avoid delays in submittal of vapor samples to the laboratory. In the event the vapor samples cannot be submitted to the analytical laboratory on the same day they are collected, they are to be temporarily stored in the dry, non-refrigerated, packed cooler until the very first opportunity for submittal well within the required holding time, taking into account the time needed for shipment to and receipt by the laboratory.

SOP-10
VAPOR SAMPLING: SYRINGE SAMPLING TECHNIQUE

Prior to vapor sampling, the vacuum system must reach a stabilized air flow (cubic feet per minute) for approximately 15 minutes. Prior to the actual collection of the vapor sample, the following data is recorded: air flow, temperature, and pressure at collection ports and gauges.

The sampling equipment consists of a clean, 100cc, gas-tight syringe and silicone septa

The sampling ports are brass connections, fitted with silicone septa, and threaded into a tapped hole in the system piping. Samples are collected by inserting a clean syringe into the septum and the plunger actuated several times. Each syringe should be purged of three syringe volumes before collecting the sample On the fourth purge, the plunger is extracted slowly until the syringe is filled with a gas sample, then the syringe is withdrawn and the needle immediately plugged with a silicone stopper The sample should be placed in a non-refrigerated, dry cooler with sufficient packing to eliminate breakage during transport. Cooling samples will cause condensation of moisture, thereby distorting laboratory analysis

For quality control purposes, a duplicate air sample should be collected from each port. This sample is put on hold at the laboratory pending initial analysis.

Vapor samples are subject to very limited holding times, typically 48 hours. Thus, care must taken to avoid delays in submittal of vapor samples to the laboratory. In the event the vapor samples cannot be submitted to the analytical laboratory on the same day they are collected, they are to be temporarily stored in the dry, non-refrigerated, packed cooler until the very first opportunity for submittal well within the required holding time, taking into account the time needed for shipment to and receipt by the laboratory.

SOP-11
VAPOR SAMPLING: CANISTER SAMPLING TECHNIQUE

Prior to vapor sampling, the vacuum system must reach a stabilized air flow (cubic feet per minute) for approximately 15 minutes. Prior to the actual collection of the vapor sample, the following data is recorded: air flow, temperature, and pressure at collection ports and gauges.

The sampling equipment consists of a sterilized, gas-tight, "Vacu-Sampler" stainless steel canister, and 1/4-inch-diameter polyethylene tubing approximately 2 feet in length

The sampling ports are brass connections fitted with silicone septa and threaded into a tapped hole in the system piping. The sampling procedure requires one end of the tubing to be slipped over the sampling port and the other end over the canister nozzle to acquire an air-tight connection. The actuator on top of the canister is depressed for 10 seconds. At the end of the 10 seconds, the canister is disconnected from the tubing and the tubing is

disconnected from the sampling port. Immediately following the sample collection, complete sampling information is recorded on the label on the air sampling canister (e g., sample ID, date, time, location, and temperature). The sample is placed in a non-refrigerated, dry cooler with sufficient packing to ensure against For quality control purposes, a duplicate vapor sample should be collected from each sampling port. This sample is then put on hold at the laboratory pending the initial analysis To minimize the potential for cross-contamination between vapor samples, the polyethylene tubing, if not sample dedicated, is thoroughly cleaned and rinsed

Vapor samples are subject to very limited holding times, typically 48 hours. Thus, care must taken to avoid delays in submittal of vapor samples to the laboratory. In the event the vapor samples cannot be submitted to the analytical laboratory on the same day they are collected, they are to be temporarily stored in the dry, non-refrigerated, packed cooler until the very first opportunity for submittal well within the required holding time, taking into account the time needed for shipment to and receipt by the laboratory

SOP-12
MEASURING LIQUID LEVELS USING WATER LEVEL METER OR INTERFACE PROBE

Field equipment used for liquid-level gauging typically includes the measuring instrument (water-level meter or interface probe) and product bailer(s). The field kit also includes cleaning supplies (buckets, solution, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurement, the instrument tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e., wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case

The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indication and the DTW measurement is made accordingly. The steady tone indicates floating liquid hydrocarbons (FLH). In this case, the probe is slowly raised until the steady tone ceases. This is the depth-to-product (DTP) indication and the DTP measurement is made accordingly.

The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When FLH are indicated by the probe's response, a product bailer is lowered partially through the FLH-water interface to confirm the FLH on the water surface and as further indication of the FLH thickness, particularly in cases where the FLH layer is quite thin. This measurement is recorded on the data sheet as "FLH thickness."

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use

damage during transport. Cooling samples will cause condensation of any moisture within the air sample, thereby distorting laboratory analysis

APPENDIX B

FIELD DATA SHEETS

APEX ENVIROTECH, INC.

Groundwater Level Data Sheet

Project ERA02.028
Location Santa Rosa, CA
Date 1/31/06
Recorded By RCM

	WELL NAME	TIME	DEPTH TO PRODUCT	DEPTH TO WATER	DEPTH TO BOTTOM	WATER COLUMN	WELL VOLUME	PURGE VOLUME	COMMENTS / OBSERVATIONS
4"	MW-1	1045		3.64	18.90	15.26	9.92	29.76	
	-2R	1035		4.10	19.20	15.10	2.41	7.25	
4"	-3	1040		3.93	19.00	15.07	9.79	29.38	
	-4	1025		4.29	19.80	15.51	2.48	7.44	
	-5	1010		3.20	14.90	11.70	1.87	5.61	
	DW-1	1030		10.61	40.40	29.79	4.76	14.30	
	-2	1005		3.05	40.40	37.35	5.97	17.92	
	-3	1020		11.34	40.40	29.06	4.65	13.95	

Well Volume Calculation:
(2" x 0.16) (4" x 0.65)

APEX ENVIROTECH, INC.

Monitoring Data

Project:

Project Number: EPA02-028

Date: 1/31/06

Recorded By: RCM

WELL	TIME	TEMP (deg C)	pH	COND. (uS/cm)	DISSOLVED OXYGEN	TOTAL VOLUME REMOVED	COMMENTS/OBSERVATIONS
MW-1	1357	15.8	6.7	399		10	1.5 gpm odor
	1403	16.3	6.8	453		20	
	1410	16.4	6.9	486		30	sampled @ 1600

TEMPPH.XLS
4/1/97

APEX ENVIROTECH, INC.

Monitoring Data

Project:
Project Number: ERA02.028
Date: 1/31/06
Recorded By: RCM

WELL	TIME	TEMP (deg C)	pH	COND. (uS/cm)	DISSOLVED OXYGEN	TOTAL VOLUME REMOVED	COMMENTS/OBSERVATIONS
MW-4	1218	17.0	6.6	396		2.50	
↓	1223	17.2	6.6	193		5	
↓	1228	17.4	6.6	361		7.50	sampled @ 1520
DW-1	1240	17.2	7.0	369		5	
↓	1245	17.5	7.5	196		~~10~~ 6 gal	Well dry @ 6 gal purged
↓						~~14.50~~	sampled @ 1530
MW-2R	1253	16.2	6.9	411		2.50	odor & sheen
↓	1257	16.1	6.7	175		5	
↓	1302	16.1	6.6	352		7.25	sampled @ 1540
MW-3	1333	16.9	6.5	401		10	1.5 gpm
↓	1339	17.4	6.3	374		20	
↓	1346	17.0	6.4	25		30	sampled @ 1550

TEMPPH.XLS
4/1/97

APEX ENVIROTECH, INC.

Monitoring Data

Project: Former Dave's Pit Stop #1
Project Number: ERA02.028
Date: 1/31/06
Recorded By: RCM

WELL	TIME	TEMP (deg C)	pH	COND. (uS/cm)	DISSOLVED OXYGEN	TOTAL VOLUME REMOVED	COMMENTS/OBSERVATIONS
US							
MS							sampled @ 0930
DS							0940
							0950
DW-2	1106	14.9	7.4	490		6	
	1117	16.0	7.5	116		12	
	1129	15.9	7.3	404		18	sampled @ 1445
MW-5	1136	14.6	6.9	110		2	
	1140	14.9	6.7	276		4	
	1143	15.5	6.7	150		5.75	sampled @ 1455
DW-3	1200	17.7	6.9	245		5	
	1207	17.5	7.0	238		6 ~~10~~	Well dry @ 6 gal purged
						~~14~~	sampled @ 1510

TEMPPH.XLS
4/1/97

APPENDIX C

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM

KIFF Analytical LLC

Report Number : 48208
Date : 2/8/2006

Kasey Jones
Apex Envirotech Inc
11244 Pyrites Way
Gold River, CA 95670-4481

Subject : 11 Water Samples
Project Name : Former Dave's Pit Stop #1
Project Number : ERA02 028-QM

Dear Mr. Jones,

Chemical analysis of the samples referenced above has been completed Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody US EPA protocols for sample storage and preservation were followed

Kiff Analytical is certified by the State of California (# 2236) If you have any questions regarding procedures or results, please call me at 530-297-4800

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 48208
Date : 2/8/2006

Subject : 11 Water Samples
Project Name : Former Dave's Pit Stop #1
Project Number : ERA02.028-QM

Case Narrative

Hydrocarbons reported as TPH as Gasoline do not exhibit a typical Gasoline chromatographic pattern for samples MW-2R and MW-4

Approved By: _____
Joe Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208
Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**
Project Number : **ERA02.028-QM**

Sample : **MW-1** Matrix : Water Lab Number : 48208-01
Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	**4.1**	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	**9.7**	0.50	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	**1800**	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/3/2006

Sample : **MW-2R** Matrix : Water Lab Number : 48208-02
Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**1.4**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**62**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.1		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Sample : **MW-3** Matrix : Water Lab Number : 48208-03

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**2.4**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**62**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/4/2006

Sample : **MW-4** Matrix : Water Lab Number : 48208-04

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**69**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**200**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.8		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Sample : **MW-5** Matrix : Water Lab Number : 48208-05

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**0.70**	0 50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/4/2006

Sample : **DW-1** Matrix : Water Lab Number : 48208-06

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**16**	0 50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95 0		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208
Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**
Project Number : **ERA02.028-QM**

Sample : **DW-2** Matrix : Water Lab Number : 48208-07
Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	107		% Recovery	EPA 8260B	2/4/2006

Sample : **DW-3** Matrix : Water Lab Number : 48208-08
Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0 50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95 0		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St , Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Sample : **US** Matrix : Water Lab Number : 48208-09

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.4		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	2/4/2006

Sample : **MS** Matrix : Water Lab Number : 48208-10

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.0		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	100		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 48208

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Sample : **DS** Matrix : Water Lab Number : 48208-11

Sample Date :1/31/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	97.1		% Recovery	EPA 8260B	2/4/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 48208

Date : 2/8/2006

QC Report : Method Blank Data

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	99.4		%	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	94.4		%	EPA 8260B	2/3/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	95.0		%	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	2/4/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/3/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/3/2006
Toluene - d8 (Surr)	99.8		%	EPA 8260B	2/3/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	2/3/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	101		%	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	99.4		%	EPA 8260B	2/4/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	2/4/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	2/4/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	2/4/2006
4-Bromofluorobenzene (Surr)	111		%	EPA 8260B	2/4/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 48208

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	48230-03	<0.50	38.4	38.6	39.3	40.4	ug/L	EPA 8260B	2/4/06	102	104	2.02	70-130	25
Toluene	48230-03	<0.50	38.4	38.6	37.5	37.9	ug/L	EPA 8260B	2/4/06	97.6	98.3	0.682	70-130	25
Tert-Butanol	48230-03	<5.0	192	193	189	192	ug/L	EPA 8260B	2/4/06	98.6	99.3	0.724	70-130	25
Methyl-t-Butyl Ether	48230-03	<0.50	38.4	38.6	42.3	42.8	ug/L	EPA 8260B	2/4/06	110	111	0.434	70-130	25
Benzene	48209-07	<0.50	40.0	40.0	39.5	38.6	ug/L	EPA 8260B	2/4/06	98.8	96.6	2.23	70-130	25
Toluene	48209-07	<0.50	40.0	40.0	37.5	36.6	ug/L	EPA 8260B	2/4/06	93.8	91.5	2.50	70-130	25
Tert-Butanol	48209-07	<5.0	200	200	198	196	ug/L	EPA 8260B	2/4/06	99.2	97.9	1.28	70-130	25
Methyl-t-Butyl Ether	48209-07	1.3	40.0	40.0	42.7	40.2	ug/L	EPA 8260B	2/4/06	103	97.2	6.28	70-130	25
Benzene	48208-01	<0.50	40.0	40.0	39.7	39.1	ug/L	EPA 8260B	2/3/06	99.2	97.6	1.59	70-130	25
Toluene	48208-01	<0.50	40.0	40.0	41.6	41.8	ug/L	EPA 8260B	2/3/06	104	105	0.567	70-130	25
Tert-Butanol	48208-01	39	200	200	256	258	ug/L	EPA 8260B	2/3/06	108	110	1.03	70-130	25
Methyl-t-Butyl Ether	48208-01	9.7	40.0	40.0	53.7	53.5	ug/L	EPA 8260B	2/3/06	110	110	0.332	70-130	25
Benzene	48212-02	<0.50	40.0	40.0	40.4	40.0	ug/L	EPA 8260B	2/4/06	101	99.9	1.16	70-130	25
Toluene	48212-02	<0.50	40.0	40.0	40.8	40.2	ug/L	EPA 8260B	2/4/06	102	100	1.66	70-130	25
Tert-Butanol	48212-02	130	200	200	351	352	ug/L	EPA 8260B	2/4/06	108	109	0.388	70-130	25
Methyl-t-Butyl Ether	48212-02	8.8	40.0	40.0	52.8	52.7	ug/L	EPA 8260B	2/4/06	110	110	0.172	70-130	25
Benzene	48208-07	<0.50	40.0	40.0	41.6	38.1	ug/L	EPA 8260B	2/4/06	104	95.2	8.80	70-130	25
Toluene	48208-07	<0.50	40.0	40.0	39.7	36.0	ug/L	EPA 8260B	2/4/06	99.4	89.9	10.0	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 48208

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Tert-Butanol	48208-07	<5.0	200	200	211	196	ug/L	EPA 8260B	2/4/06	105	98.0	7.26	70-130	25
Methyl-t-Butyl Ether	48208-07	<0.50	40.0	40.0	40.1	36.5	ug/L	EPA 8260B	2/4/06	100	91.2	9.39	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 48208

QC Report : Laboratory Control Sample (LCS)

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	2/4/06	103	70-130
Toluene	40.0	ug/L	EPA 8260B	2/4/06	95.7	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/4/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/4/06	108	70-130
Benzene	40.0	ug/L	EPA 8260B	2/4/06	91.1	70-130
Toluene	40.0	ug/L	EPA 8260B	2/4/06	90.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/4/06	95.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/4/06	98.2	70-130
Benzene	40.0	ug/L	EPA 8260B	2/3/06	95.3	70-130
Toluene	40.0	ug/L	EPA 8260B	2/3/06	97.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/3/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/3/06	106	70-130
Benzene	40.0	ug/L	EPA 8260B	2/4/06	92.5	70-130
Toluene	40.0	ug/L	EPA 8260B	2/4/06	101	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/4/06	106	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/4/06	102	70-130
Benzene	40.0	ug/L	EPA 8260B	2/4/06	95.4	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 48208

QC Report : Laboratory Control Sample (LCS)

Date : 2/8/2006

Project Name : **Former Dave's Pit Stop #1**

Project Number : **ERA02.028-QM**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	2/4/06	94.6	70-130
Tert-Butanol	200	ug/L	EPA 8260B	2/4/06	103	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	2/4/06	93.9	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 48208

Page 1 of 2

Project Contact (Hardcopy or PDF To): Kelli Felker

California EDF Report? ☑ Yes ☐ No

Company / Address: Apex Envirotech, Inc. 11244 Pyrites Wy., Gold River, CA 95670

Phone No.: 916-851-0174 **Fax No.:** 916-851-0177

Project Number: ERA02.028-QM **P.O. No.:**

Project Name: Former Dave's Pit Stop #1

Project Address: 164 Calistoga Road, Santa Rosa

Recommended but not mandatory to complete this section:

Sampling Company Log Code: APEF

Global ID: T0609700622

EDF Deliverable To (Email Address): cmartin@apexenvirotech.com

Sampler Signature: R Morgan

Chain-of-Custody Record and Analysis Request

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Container: POLY	Container: AMBER	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas (8260B)	7 Oxygenates/TPH Gas (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL ☐ W.E.T. ☐	TAT (12hr / 24hr / 48hr / 72hr / 1wk / 2wk)	For Lab Use Only
MW-1	1/31/06	1600	X				X		X		X						X									1 wk	-01
MW-2R		1540	X				X		X		X						X									1 wk	-02
MW-3		1550	X				X		X		X						X									1 wk	-03
MW-4		1520	X				X		X		X						X									1 wk	-04
MW-5		1455	X				X		X		X						X									1 wk	-05
DW-1		1530	X				X		X		X						X									1 wk	-06
DW-2		1445	X				X		X		X						X									1 wk	-07
DW-3		1510	X				X		X		X						X									1 wk	-08
US		0930	X				X		X		X						X									1 wk	-09
MS		0940	X				X		X		X						X									1 wk	-10

Relinquished by:	Date	Time	Received by:
R Morgan	2/2/06	1615	
	020206	1616	Gayle Capril Kiff Analytical

Remarks:

Sample Receipt
Temp °C 12°C Therm. ID# IR-4
Initial GAC
Date 020206 Time 1615
Coolant present: Yes / No

Bill to:

KIFF ANALYTICAL LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4808

Lab No. 48208

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Kelli Felker

California EDF Report? ☑ Yes ☐ No

Company / Address: Apex Envirotech, Inc. 11244
Pyrites Wy., Gold River, CA 95670

Phone No.: 916-851-0174
Fax No.: 916-851-0177

Project Number: ERA02.028-QM
P.O. No.:

Project Name: Former Dave's Pit Stop #1

Project Address: 164 Calistoga Road, Santa Rosa

Recommended but not mandatory to complete this section:

Sampling Company Log Code: APEF

Global ID: T0609700622

EDF Deliverable To (Email Address): cmartin@apexenvirotech.com

Sampler Signature: R Morgan

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: SLEEVE	Container: POLY	Container: AMBER	Preservative: HCl	Preservative: HNO_3	Preservative: ICE	Preservative: NONE	Matrix: WATER	Matrix: SOIL	BTEX (8021B)	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas (8260B)	7 Oxygenates/TPH Gas (8260B)	5 Oxygenates (8260B)	7 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB - 8260B)	EPA 8260B (Full List)	Volatile Halocarbons (EPA 8260B)	Lead (7421/239.2) TOTAL ☐ W.E.T. ☐				TAT	For Lab Use Only
DS	1/31/06	0950	X				X		X		X						X												1 wk	-11

TAT: 12hr ○ 24hr ○ 48hr ○ 72hr ○ 1wk ◉ 2wk ○

Relinquished by:	Date	Time	Received by:
R Morgan	2/2/06	1615	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	02/02/06	1616	Kiff Analytical

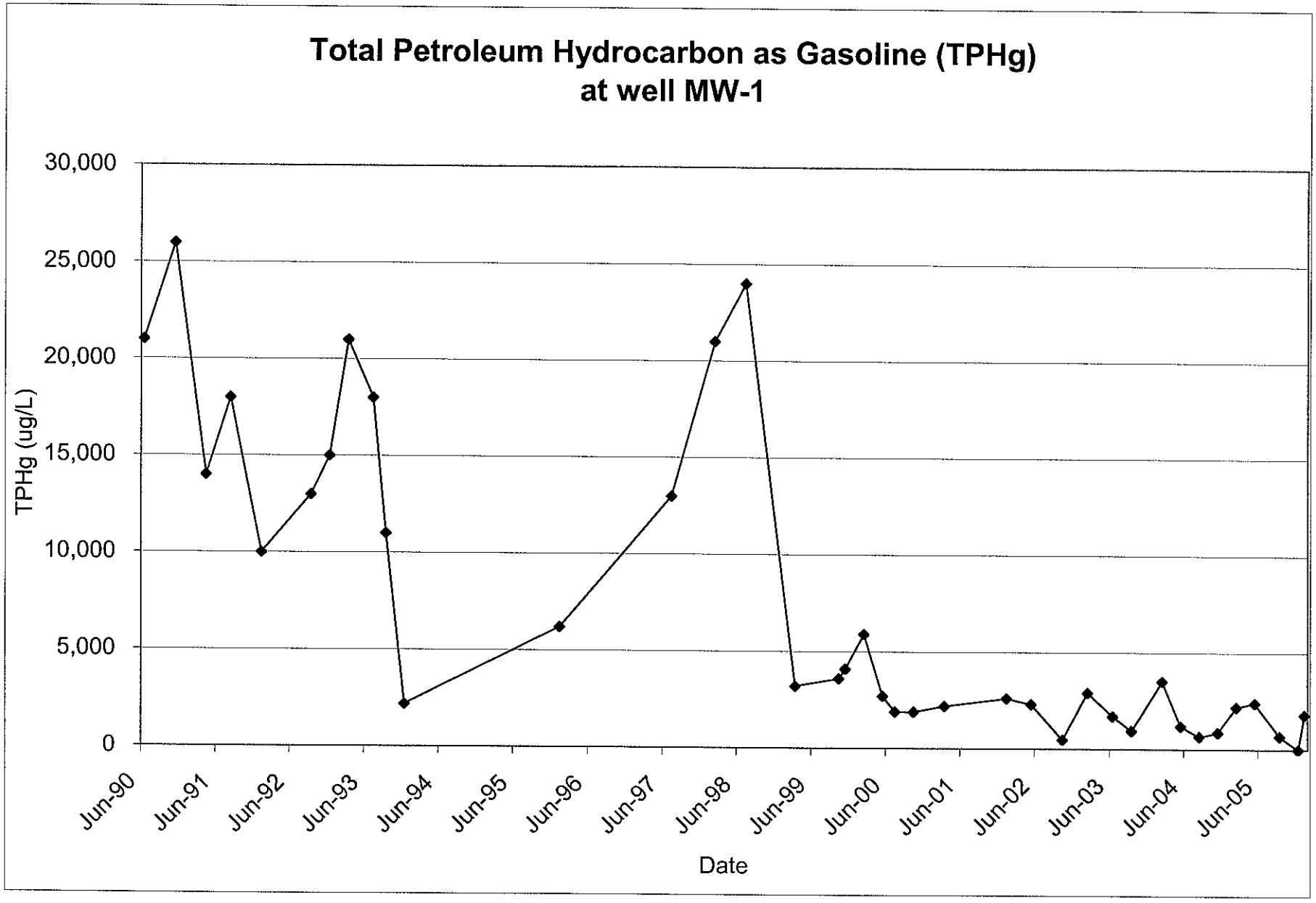
Remarks:

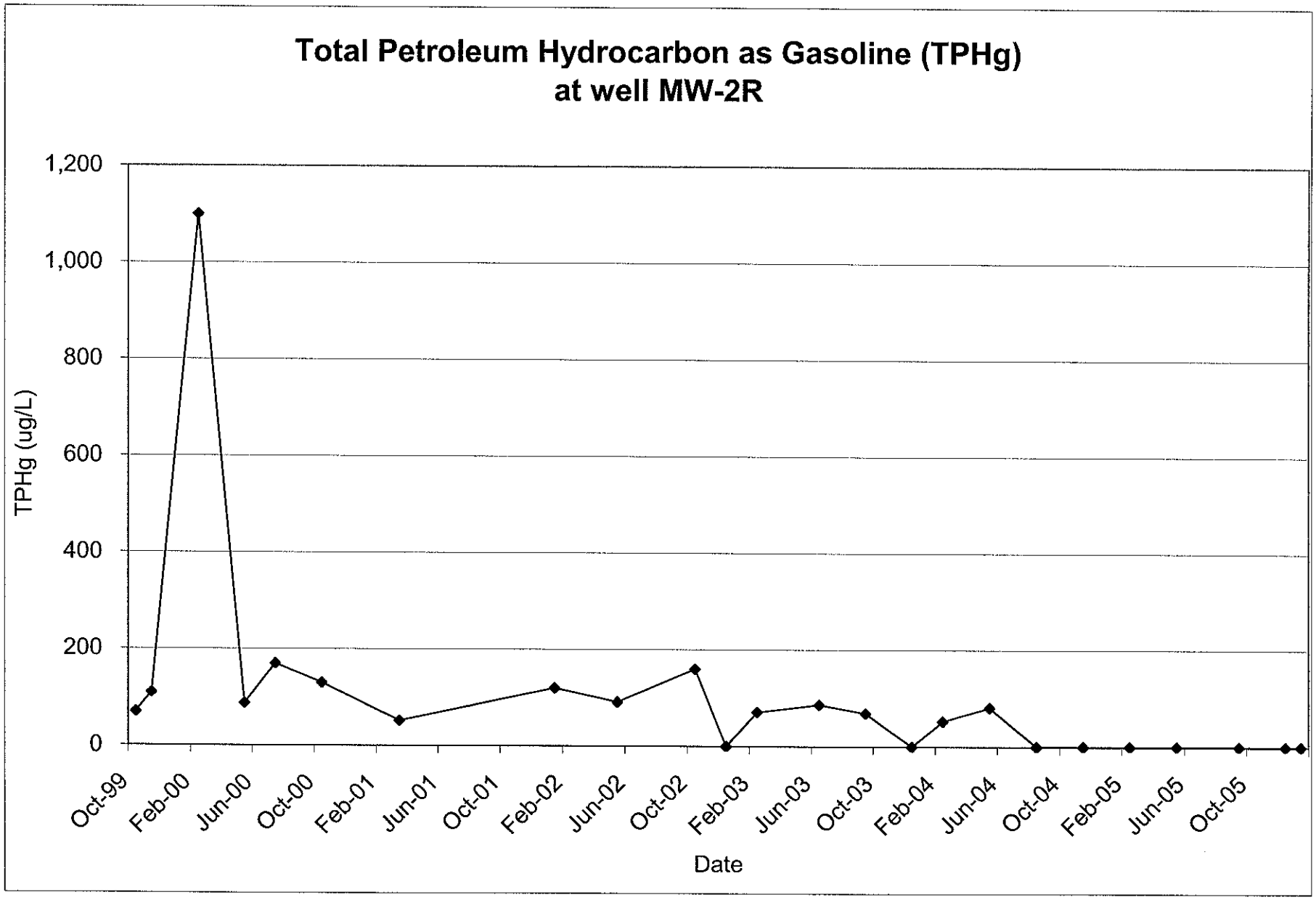
Sample Receipt
Temp °C ____ Therm. ID# ____
Initial ____
Date ____ Time ____
Coolant present: Yes / No

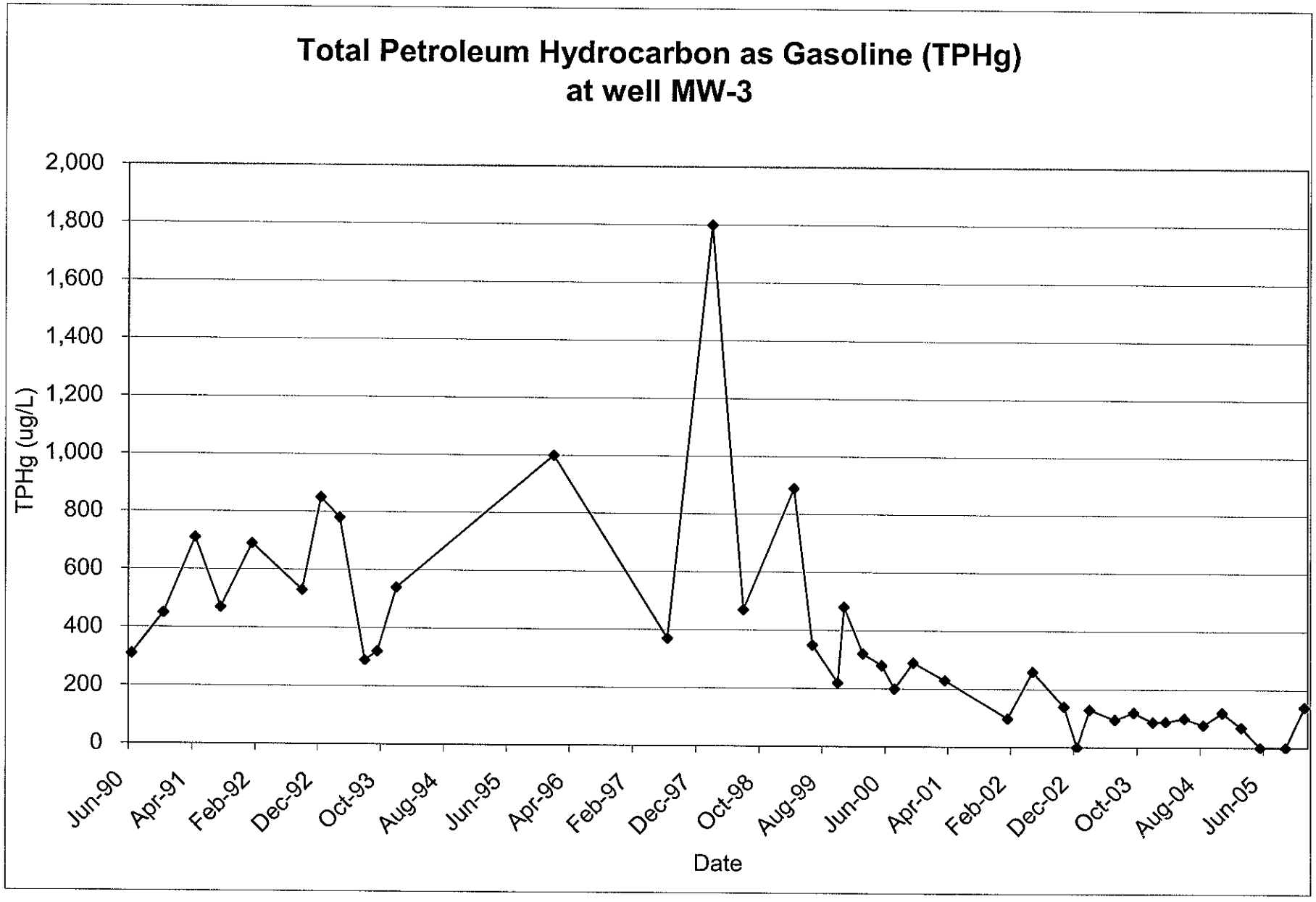
Bill to:

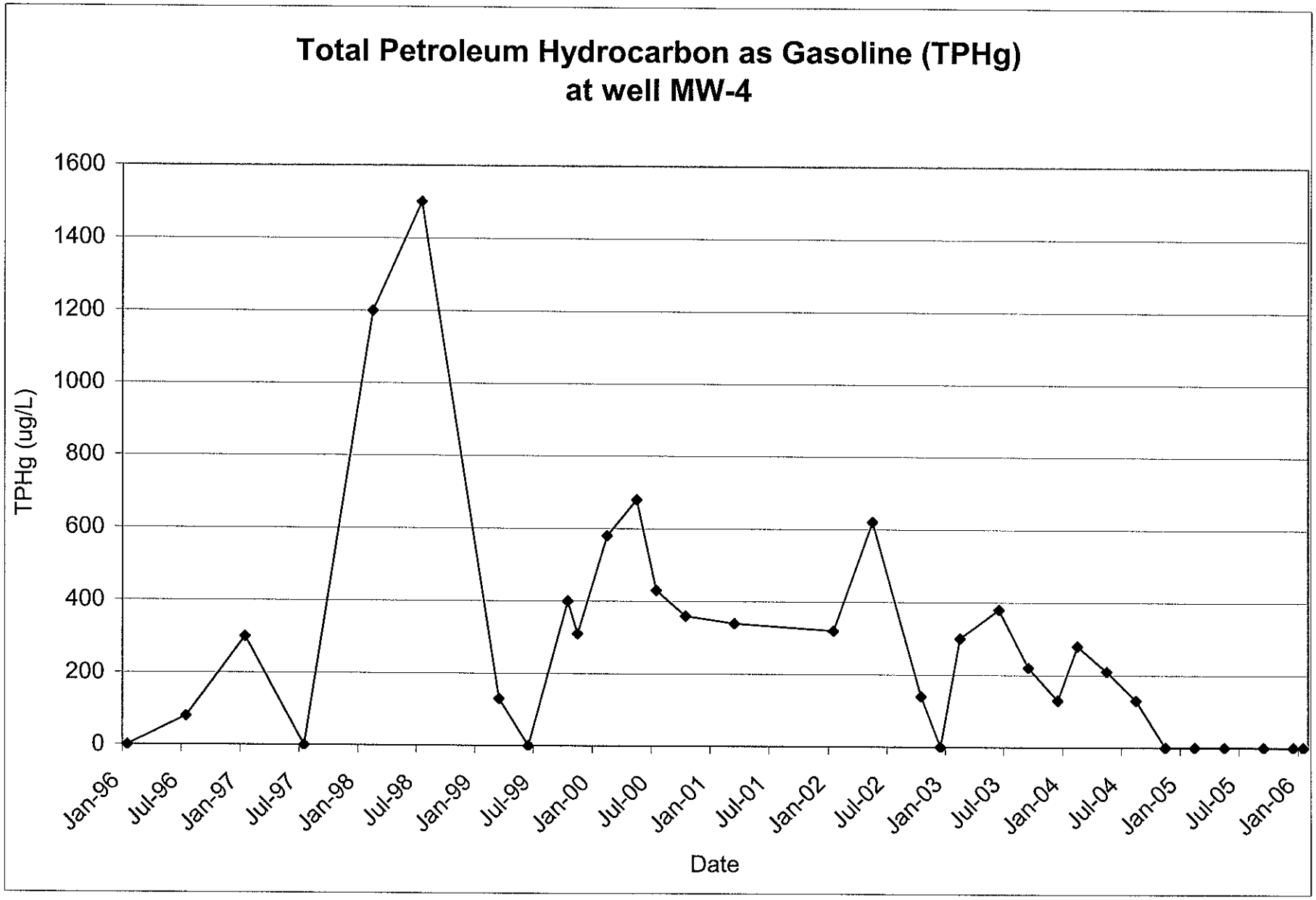
APPENDIX D

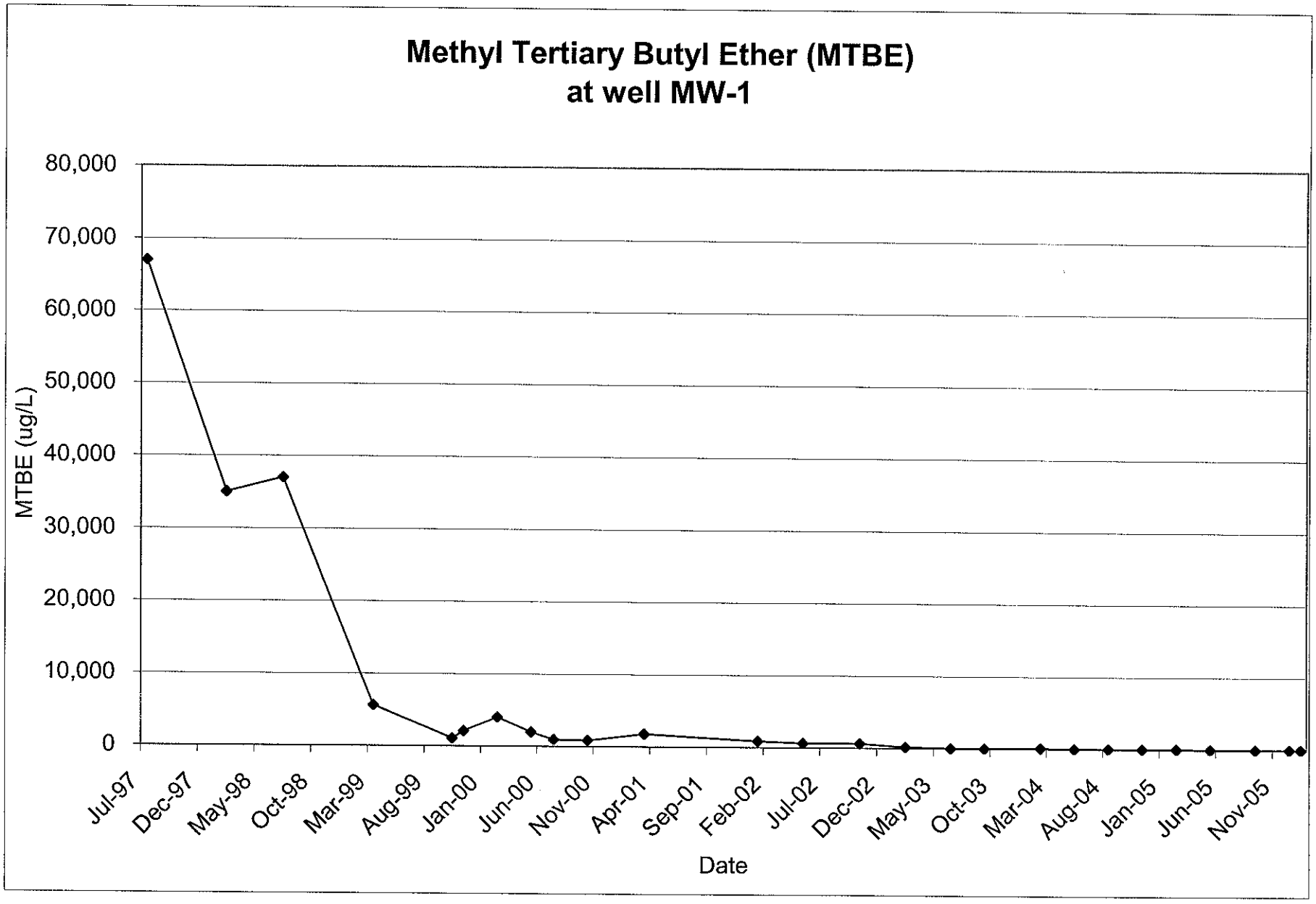
CONCENTRATION vs. TIME TRENDS

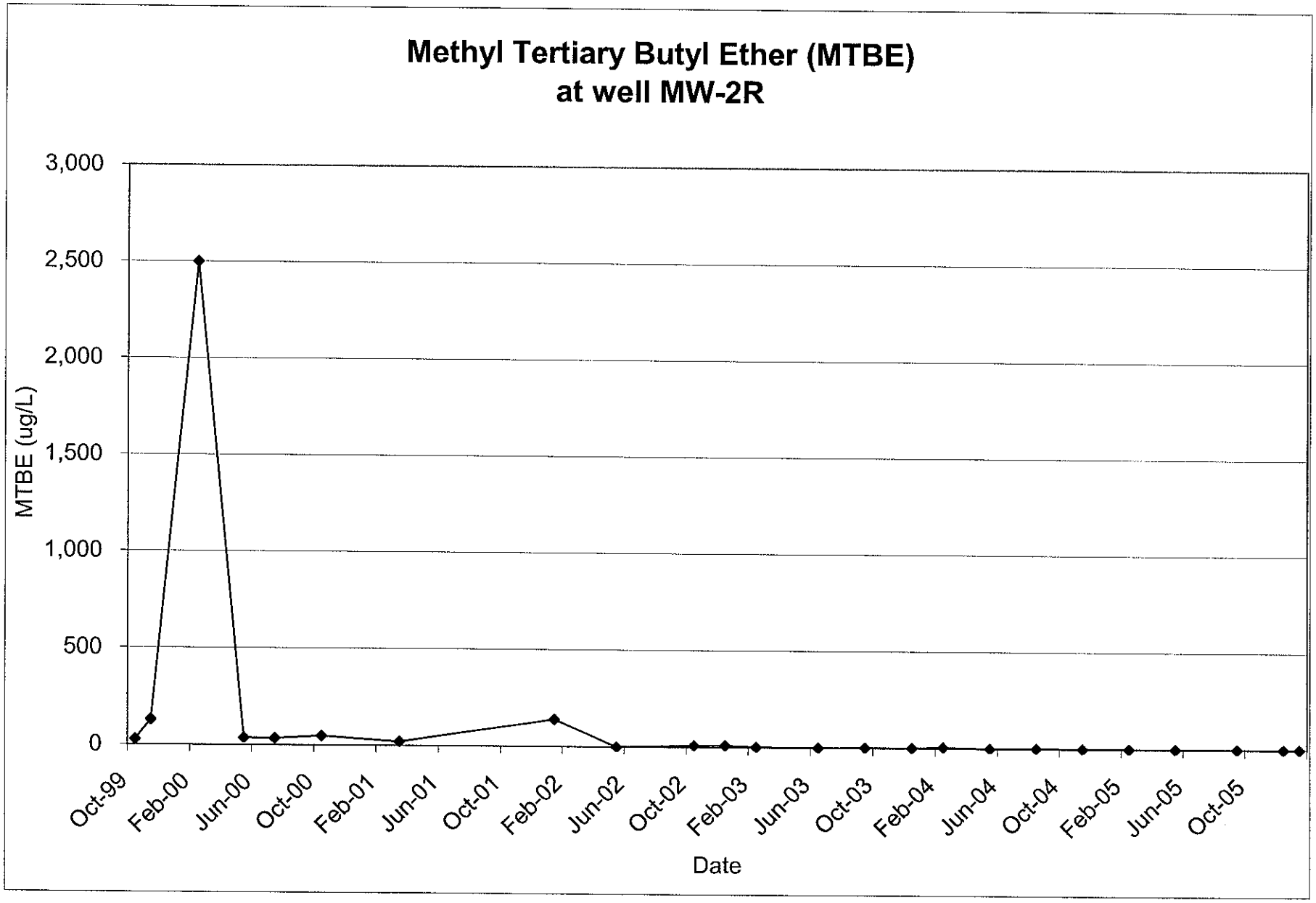

Total Petroleum Hydrocarbon as Gasoline (TPHg)
at well MW-1
30,000
25,000
20,000
15,000
10,000
5,000
0
TPHg (ug/L)
Jun-90
Jun-91
Jun-92
Jun-93
Jun-94
Jun-95
Jun-96
Jun-97
Jun-98
Jun-99
Jun-00
Jun-01
Jun-02
Jun-03
Jun-04
Jun-05
Date

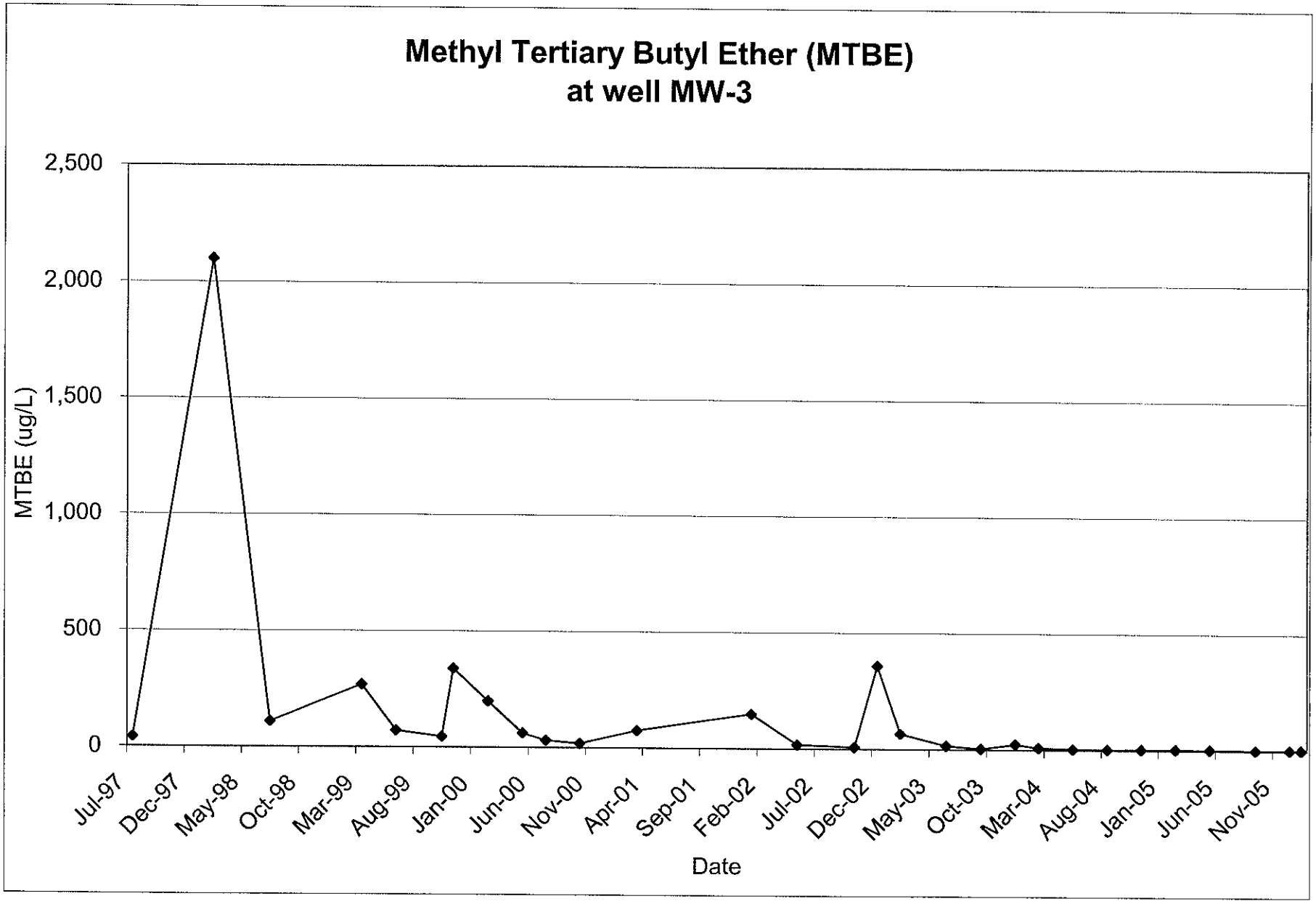

Total Petroleum Hydrocarbon as Gasoline (TPHg)
at well MW-2R
TPHg (ug/L)
1,200
1,000
800
600
400
200
0
Oct-99
Feb-00
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
Oct-05
Date

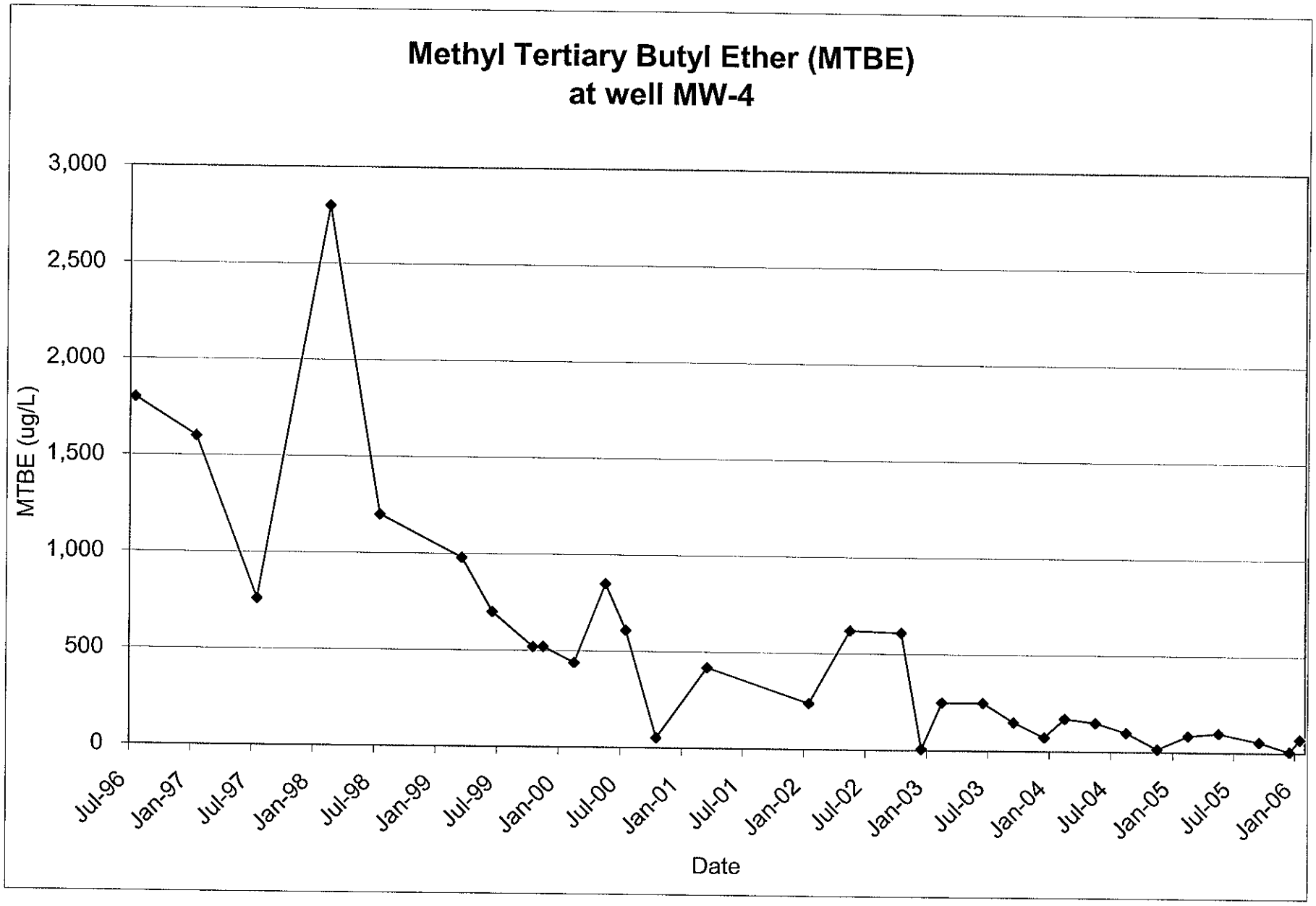

Total Petroleum Hydrocarbon as Gasoline (TPHg)
at well MW-3
TPHg (ug/L)
2,000
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Jun-90
Apr-91
Feb-92
Dec-92
Oct-93
Aug-94
Jun-95
Apr-96
Feb-97
Dec-97
Oct-98
Aug-99
Jun-00
Apr-01
Feb-02
Dec-02
Oct-03
Aug-04
Jun-05
Date


Total Petroleum Hydrocarbon as Gasoline (TPHg)
at well MW-4
TPHg (ug/L)
1600
1400
1200
1000
800
600
400
200
0
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Jan-04
Jul-04
Jan-05
Jul-05
Jan-06
Date


Methyl Tertiary Butyl Ether (MTBE)
at well MW-1
MTBE (ug/L)
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Jul-97
Dec-97
May-98
Oct-98
Mar-99
Aug-99
Jan-00
Jun-00
Nov-00
Apr-01
Sep-01
Feb-02
Jul-02
Dec-02
May-03
Oct-03
Mar-04
Aug-04
Jan-05
Jun-05
Nov-05
Date


Methyl Tertiary Butyl Ether (MTBE)
at well MW-2R
MTBE (ug/L)
3,000
2,500
2,000
1,500
1,000
500
0
Oct-99
Feb-00
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Feb-03
Jun-03
Oct-03
Feb-04
Jun-04
Oct-04
Feb-05
Jun-05
Oct-05
Date


Methyl Tertiary Butyl Ether (MTBE)
at well MW-3
MTBE (ug/L)
2,500
2,000
1,500
1,000
500
0
Jul-97
Dec-97
May-98
Oct-98
Mar-99
Aug-99
Jan-00
Jun-00
Nov-00
Apr-01
Sep-01
Feb-02
Jul-02
Dec-02
May-03
Oct-03
Mar-04
Aug-04
Jan-05
Jun-05
Nov-05
Date


Methyl Tertiary Butyl Ether (MTBE)
at well MW-4
MTBE (ug/L)
3,000
2,500
2,000
1,500
1,000
500
0
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Jan-04
Jul-04
Jan-05
Jul-05
Jan-06
Date