

Comments On The Draft Order By The SWRCB

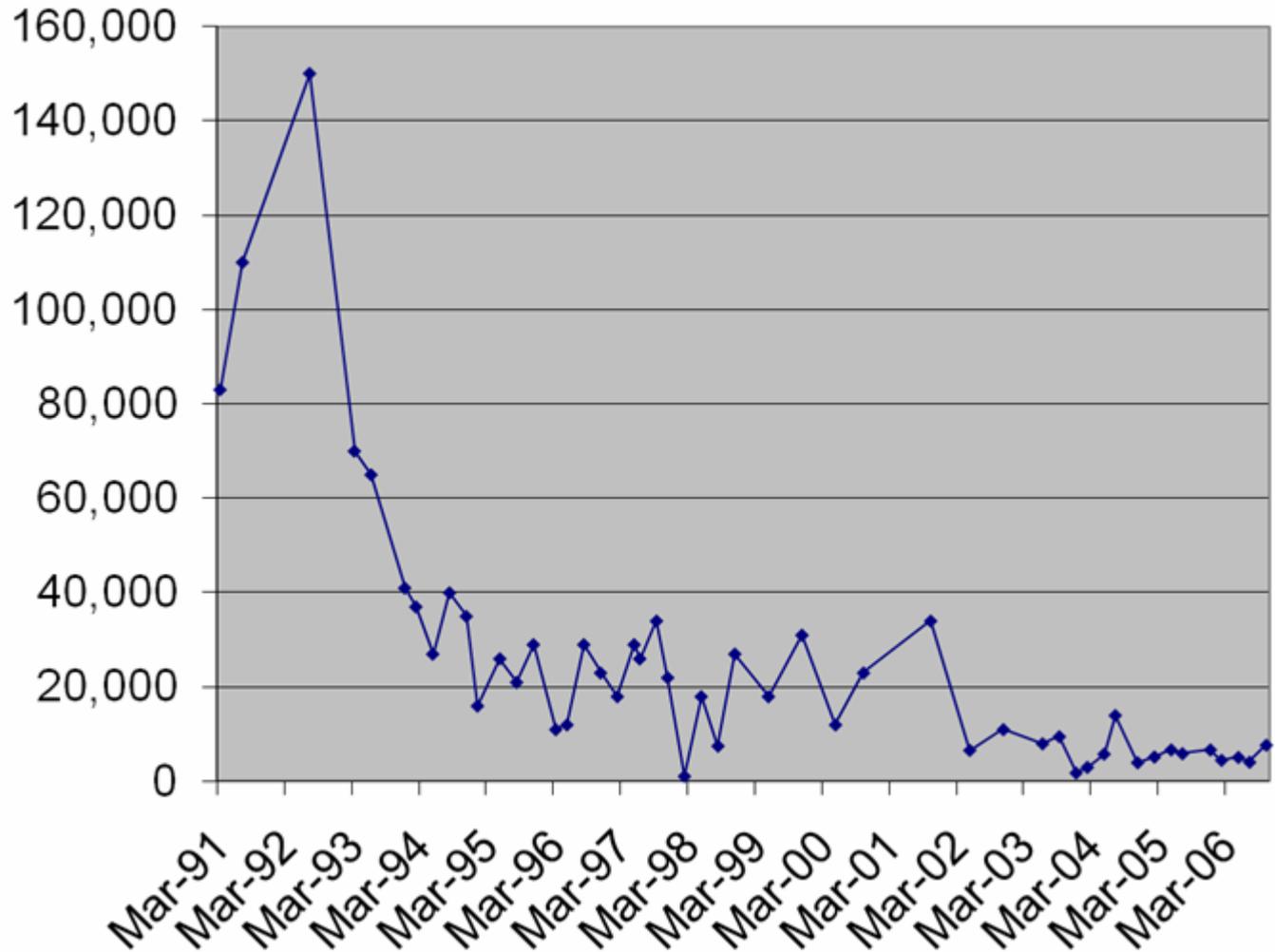
SWRCB/OCC File PO6-230

Sampling Date	TPH as Gasoline
3/5/1991	83,000
7/31/1991	110,000
7/1/1992	150,000
3/25/1993	70,000
6/2/1993	65,000
12/1/1993	41,000
2/16/1994	37,000
5/5/1994	27,000
8/16/1994	40,000
11/22/1994	35,000
1/31/1995	16,000
5/17/1995	26,000
8/15/1995	21,000
11/22/1995	29,000
3/5/1996	11,000
5/16/1996	12,000
8/29/1996	29,000
11/25/1996	23,000
2/20/1997	18,000
5/8/1997	29,000
6/21/1997	26,000
9/24/1997	34,000
11/14/1997	22,000
2/6/1998	1,100
5/26/1998	18,000
8/3/1998	7,500
11/6/1998	27,000
5/5/1999	18,000
11/10/1999	31,000
5/24/2000	12,000
10/19/2000	23,000
10/29/2001	34,000
5/28/2002	6,600
11/13/2002	11,000
6/30/2003	8,000
9/30/2003	9,500
12/29/2003	1,800
2/23/2004	3,000
5/24/2004	5,800
7/29/2004	14,000
11/18/2004	4,000
2/2/2005	5,200
5/9/2005	6,700
7/28/2005	5,900
12/7/2005	6,700
2/22/2006	4,500
5/10/2006	5,100
7/20/2006	4,100
10/18/2006	7,700

MONITORING/EXTRACTION WELL MW-1

March 1, 1991 to October 18, 2006

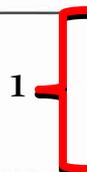
TPH as Gasoline Concentrations (ug/l)



LEAK LOG			Job#	38713EL			SWO #	0
Site:	Sonoma Super Saver		Client:	Shirley Environmental		Client Contact	April Weemes	
Site Address:	18618 Sonoma Hwy		Sonoma Ca 95476		Contact #	(909) 467-7443		
Log Completed By:	Kevin Ashley							
Date:	Leak/Pass	Time	ITEM	Test	Tested	Sample ID	Concentration: (ug/L - ppm - psig)	Description (How collected, Volume Collected, Complete Notes)
01/23/06	1a	11:36	BU	89 TK	TS	Note	50 ppm	Dectected with heliest will investigate
01/23/06	2a	11:45	BU	89 TK	TS	Note	Note	Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.
01/23/06	1b	19:17	Final	89 TK	TS	89 TS	A = 0.0005 ug/l	Sample collected at 19:04 will investigate
01/24/06	2b	8:45	Final	89 TK	Note	Note	Note	Wrapped flex hose with shrink wrap found no visible leaks with soap and water
01/24/06	1c	9:59	Final	87 TK	ATG	87 ATG	A = 0.0026 ug/l	Sample collected at 9:45 will investigate
01/24/06	2c	15:20	Final	Note	Note	Note	Note	1 } During inoculation the lids to the tank interstitial were exposed. With the wind direction we believe there was some contamination into the tank, as well as the soil around the fill riser we resample the interstitial, and vp no increase in rate

Leak log and resolution contractor notes

1. This Comment was referring to the inoculated tracer gas possibly escaping in the wind condition.



Contractor's Statement and Scope of Work

WHITEMAN PETROLEUM, INC.

140 ELSBREE CIRCLE WINDSOR CA 95492 CONTRACTOR'S #542257 707/838-1807

July 3, 2007

Mr. Saied Molavi
Sonoma Super Gas
18618 Sonoma Highway
Sonoma, CA 95476

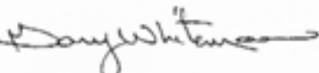
Dear Mr. Molavi,

This letter is intended to document the scope of the repairs that Whiteman Petroleum Inc conducted on the underground tank system at your 18618 Sonoma Highway property on January 20, 2003. The scope of work performed was to the secondary containment boots under the dispenser pans and was conducted to correct a pressure test failure to the secondary containment system that occurred on October 8, 2002.

During the course of these repairs we found no evidence of petroleum product releases at any of the points of repair. Also no repairs were required or made by us to the primary containment system including the primary lines and piping, all repairs that we made were to the secondary containment system.

If you have any questions or required further information regarding the above please call me at 707/ 838-1807.

Sincerely,



Gary Whiteman
President

whiteman Petroleum, Inc.

140 Elsbree Circle
Windsor, CA 95492
707/838-1807

INVOICE # 741
INVOICE DATE: 02/05/03
DUE DATE: AMOUNT DUE
UPON RECEIPT

INVOICE

BILL TO:

Saied Molive
Cal. Food and Fuel
18805 Sonoma Ave
Sonoma, CA 95476

JOB: 2282
Saied Molive

#2
6300

DESCRIPTION	QUANTITY	PRICE	AMOUNT
Permit So. Co. Emergency Services			293.00
12/12/02 Caulk piping penetrations. Test secondary piping. Lake test dispenser pans.			
Dennis Taipale	6.00hrs	65.000 / hrs	390.00
Dave Daniels	6.00hrs	58.000 / hrs	348.00
Dave Daniels	4.00hrs	58.000 / hrs	232.00
Utility truck	2.00ea	20.000 / ea	40.00
01/20/03 Jack Hammer and remove concrete Haul concrete to dump. Excavate to piping.			
Dennis Taipale	8.00hrs	65.000 / hrs	520.00
Dave Daniels	8.00hrs	58.000 / hrs	464.00
Luis Bedoya	8.00hrs	58.000 / hrs	464.00
Dave Taipale	8.00hrs	55.000 / hrs	440.00
Rocco Cacharelis	8.00hrs	40.000 / hrs	320.00
Utility Trucks	6.00ea	20.000 / ea	120.00
Air Compressor	4.00hrs	25.000 / hrs	100.00
Dump Truck Hertz 4253217			217.55
01/21/03 Excavate to piping. Test to find leaks Remove boots and flanges at dispenser pans			
David Taipale	8.00hrs	55.000 / hrs	440.00
Dave Daniels	8.00hrs	58.000 / hrs	464.00

Invoices not paid by due date will incur interest charges equal to 1.5% monthlv. APR18%.

YEAR(S)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1968	7.34	3.69	3.92	0.27	0.47	0.00	0.00	0.27	0.00	1.98	3.15	7.95	29.04
1969	8.01	9.09	1.66	2.27	0.00	0.10	0.00	0.00	0.00	1.80	1.08	8.23	32.24
1970	16.31	2.93	2.16	0.24	0.00	0.48	0.00	0.00	0.00	1.54	10.71	8.47	42.84
1971	2.43	0.44	3.99	0.74	0.28	0.00	0.00	0.00	0.12	0.23	2.64	6.17	17.04
1972	3.16	2.06	0.26	1.27	0.10	0.22	0.00	0.00	0.85	4.58	6.92	4.29	23.71
1973	13.79	8.60	3.76	0.03	0.05	0.00	0.00	0.00	0.63	1.73	12.95	5.40	46.94
1974	5.34	2.41	6.04	3.05	0.00	0.00	1.11	0.01	0.00	1.39	0.56	4.14	24.05
1975	3.12	10.93	7.34	1.56	0.05	0.05	0.18	0.05	0.00	4.73	1.19	0.89	30.09
1976	0.36	2.78	1.23	1.83	0.02	0.03	0.00	0.98	0.67	0.50	1.92	1.02	11.34
1977	1.74	1.43	2.42	0.22	1.47	0.01	0.00	0.00	0.71	0.62	8.04	6.91	23.57
1978	11.02	6.01	6.19	3.39	0.06	0.00	0.00	0.00	0.40	0.00	2.51	0.77	30.35
1979	12.12	6.81	2.12	1.55	0.56	0.00	0.00	0.00	0.00	0.00z	5.04	6.39	34.59
1980	7.99	10.62	1.55	1.89	0.25	0.14	0.18	0.00	0.00	0.26	0.33	2.39	25.60
1981	5.90	2.15	5.82	0.30	0.21	0.00	0.00	0.00	0.20	2.51	7.49	10.40	34.98
1982	11.97	6.10	8.72	3.69	0.00	0.05	0.00	0.00	1.20	3.15	8.78	3.53	47.19
1983	9.28	13.61	13.77	3.82	0.40	0.00	0.00	0.83	0.66	0.73	9.07	11.28	63.45
1984	0.49	2.48	2.05	1.92	0.00z	0.45	0.01	0.35	0.00	2.48	10.04	1.80	22.07
1985	1.42	3.04	0.00z	0.00z	0.00z	0.00z	0.00z	0.00	0.53	1.36	3.62	2.78	12.75
1986	6.47	14.80	7.62	0.42	0.30	0.00	0.00	0.00	1.28	0.31	0.21	2.35	33.76
1987	5.52	5.22	3.90	0.12	0.21	0.00	0.00	0.00	0.00	1.59	5.08	8.29	29.93
1988	6.54	0.54	0.12	1.67	0.88	0.24	0.00	0.00	0.00	0.19	5.36a	3.88	19.42
1989	1.50	1.61	10.08	0.79	0.06	0.06	0.00	0.00	1.77	2.23	1.71a	0.01	19.82
1990	6.92	3.40	1.43	0.35	3.68	0.00	0.00	0.02	0.05	0.45	0.51	1.26	18.07
1991	0.69	4.19	10.51	0.74	0.16	0.53	0.03	0.36	0.00	3.02	1.23	2.54	24.00
1992	2.21	9.82	7.01	0.90	0.00	0.92	0.00	0.00	0.03	4.47	0.40	9.79	35.55
1993	10.79	7.71	2.67	1.52	2.05b	0.88	0.00a	0.00	0.00	1.82	3.32a	3.13b	33.89
1994	3.35a	5.46	0.23	1.32	1.37	0.05	0.00	0.00	0.00	0.59	6.49a	3.91	22.77
1995	20.29b	0.82	13.29	1.33	1.89	1.04	0.00	0.00	0.00	0.00	0.25	9.95	48.86
1996	8.95	8.27	2.61	3.49	3.37	0.00	0.00	0.00	0.17	2.17	3.49	13.11	45.63
1997	10.35a	0.65	1.02	0.78	0.39	0.27	0.00	1.02	0.21	1.25	7.48	3.55	26.97
1998	12.01a	18.89	2.31	2.35	3.90	0.16	0.00	0.00	0.05	0.85	5.67	1.44	47.63
1999	4.21	11.33	4.13	2.62	0.05	0.03	0.00	0.00	0.12	0.94	3.19	0.88	27.50
2000	5.71	10.80	2.73	2.58	1.72	0.29	0.00	0.02	0.14	2.64	1.21a	1.59	29.43
2001	3.37	4.74	1.73	0.89	0.00	0.05	0.00	0.00	0.35a	0.75	8.58a	10.99a	31.45
2002	3.98a	2.53	2.66	0.48	1.23	0.00	0.00	0.00	0.00	0.00	3.95	9.97a	24.80
2003	2.99c	2.29	2.38	4.67	1.10	0.00	0.00	0.00	0.00	0.00	2.88a	7.95	24.26
2004	3.00a	6.31a	1.06	0.44	0.07	0.00	0.00	0.00	0.11	5.20	2.31a	10.43b	28.93
2005	5.66a	4.36	4.78	1.73	3.73	0.34	0.00	0.00	0.00	0.51	2.39a	15.22a	38.72
2006	5.38a	4.11	8.01	5.43	0.83	0.00	0.00	0.00	0.00	0.55	4.20	4.60	33.11
2007	0.47	5.93	0.03	2.05	0.37	0.00	0.03	0.00	0.15	2.03	0.65a	4.24a	15.95
2008	11.01a	3.82	0.21	0.15	0.21	0.00	0.00z	0.00z	0.00z	0.00z	0.00z	0.00z	15.40

Monthly Precipitation, Sonoma California

**Corresponds to data published by the Western Regional Climate Center.

Sample Date: 12/02/04

CONDENSED DATA

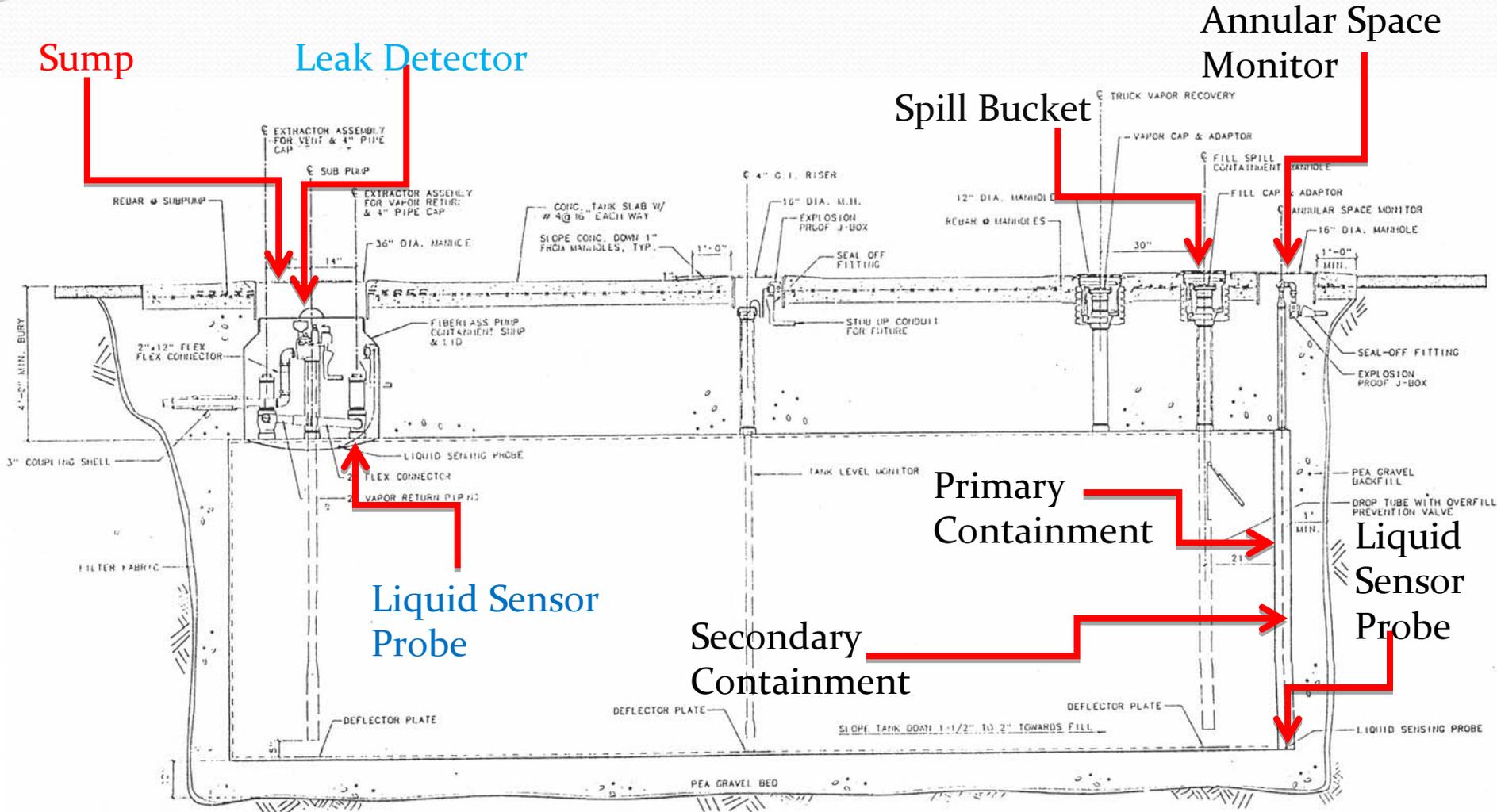
Location	Compound	Concentration
018	G	0.0000
018	R	0.0000
018	W	0.0000
018	TVHC	0.0000
019	G	0.0000
019	R	0.0000
019	W	0.0000
019	TVHC	0.0000
87 Annular	G	0.0000
87 Annular	R	0.0000
87 Annular	W	0.0000
87 Annular	TVHC	0.6100
87 T-Sump	G	0.0008
87 T-Sump	R	0.0000
87 T-Sump	W	0.0000
87 T-Sump	TVHC	5.4300
89 Annular	G	0.0000
89 Annular	R	0.0000
89 Annular	W	0.0000
89 Annular	TVHC	0.3800
89 T-Sump	G	0.0000
89 T-Sump	R	0.0000
89 T-Sump	W	0.0000
89 T-Sump	TVHC	0.0600
91 Annular	G	0.0000
91 Annular	R	0.0000
91 Annular	W	0.0000
91 Annular	TVHC	2.4400
91 T-Sump	G	0.0007
91 T-Sump	R	0.0000
91 T-Sump	W	0.0000
91 T-Sump	TVHC	1.3900



**All 3 UST
Annulars
Passed**

Parameter A, E, G, H, I, R, W and TVHC values reported in micrograms/liter (µg/L).
0.00000 = Not Detected -999999.99999 = No sample

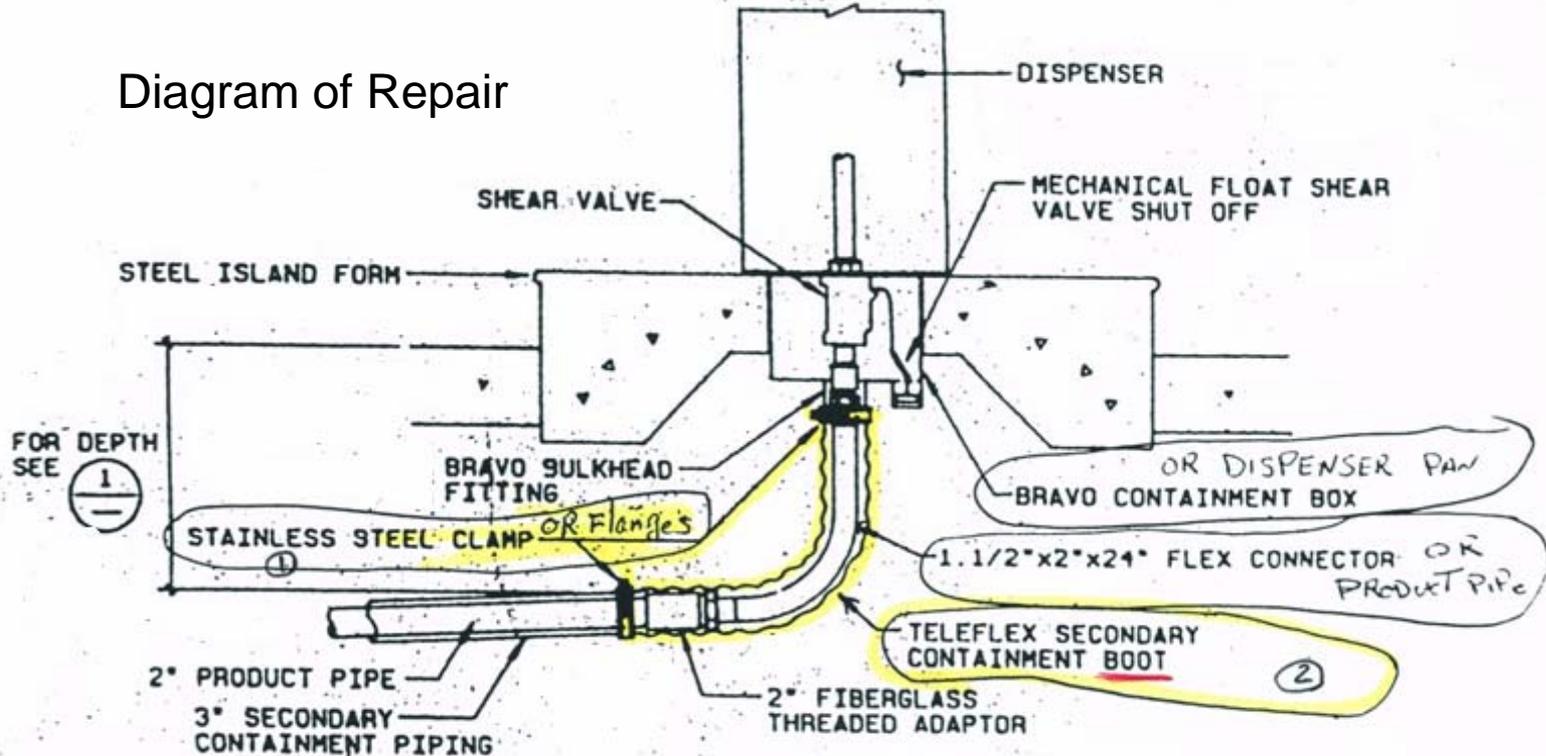
CROSS SECTION OF UST SYTSEM



TYPICAL TANK ELEVATION/SECTION
1/2"-1'-0"

Whiteman Petroleum- January 2003

Diagram of Repair



- ① Remove Steel Clamp or Flanges from Dispenser PAN.
- ② Remove and Replace SECONDARY CONTAINMENT BOOTS ONLY.
- ③ TEST SECONDARY CONTAINMENT.

3
PRODUCT DISPENSER SECTION
FOR NEW INSTALLATIONS
3/4" = 1'

Comments On The Draft Order By The SWRCB

SWRCB/OCC File PO6-230

Point #1

- *Page 9 Paragraph 2 of the Draft Order States:*
- *On October 8, 2002, the secondary containment was tested by Tanknology. The USTs passed, but the product lines from the USTs to the dispensers failed, and the under-dispenser containment failed the test.*
- **This statement is incorrect and gives the false impression that the product lines holding the fuel had a leak.**
- **The Draft Order fails to differentiate between Primary containment and Secondary containment. The Actual failure was related to the Secondary Interstitial piping.**

Point #2

FOLLOW UP TESTING

- **October 23, 2002: Monitoring System was tested and passed**

SONOMA COUNTY CUPA INSPECTION REPORT
 Notice to Comply

Witnessed monitoring system inspection.
3 sumps - all passed
3 analyzer space sensors - all passed
Dispenser 1 - floats present
" 3 - " "
" 5 - " "
① Submit pipeline (primary) and leak detector test results by 12-31-02.
② Submit the SB 989 test results

- **November 14, 2002: Primary Product Lines were tested and passed**

Point #3

- *Page 9 Paragraph 2 of the Draft Order States:*
- *The record indicates that there were repairs made to the under-dispenser containment in January of 2003.*
- **WHITEMAN PETROLEUM MADE THE REFERENCED REPAIRS.**
- **"During the course of these repairs we found no evidence of petroleum product releases at any of the points of repair. Also no repairs were required or made by us to the primary containment system including the primary lines and piping."**

Gary Whiteman

Point #4

- *Page 9 Paragraph 2 of the Draft Order States:*
- *On December 13, 2004, a Tracer Tight® ELD test was performed on the UST system. This test showed that the primary and secondary containment systems for two of the three USTs (regular and premium gasoline) were faulty.*
- **This site was among the first group in Sonoma tested. All four sites failed the test.**

THIS TESTING METHODOLOGY IS NO LONGER USED

- When contacted, CGRS refused to comment on this 2004 test.
- When contacted, Leak Detection Technologies stated that **“Our company will not do offsite remote sampling projects at the ELD sensitivity without a comprehensive pretest, and then we recommend against it.”**

Point #5

- *Page 9 Paragraph 2 of the Draft Order States:*
- *On January 25, 2006, a second ELD test was performed on the regular and plus USTs. The premium UST was not re-tested.*
- **Fact: All three tanks were re-tested including the premium tank**

Point #6

- *Page 9 Paragraph 2 of the Draft Order States:*
- *The USTs passed, but the testing summary states that: "[d]etected leaks were repaired by contractor and re-tested tight before the end of the testing event.*
 - **THIS IS A SUMMARY STATEMENT ONLY.**
 - **WHAT WERE THE REPAIRS ?**
SOAP, WATER, VISUAL VERIFICATION
AND
SHRINK WRAP
- See the following Leak Log for complete details of recorded leaks and resolutions:

LEAK LOG			Job#	38713EL			SWO #	0
Site:	Sonoma Super Saver		Client:	Shirley Environmental		Client Contact	April Weemes	
Site Address:	18618 Sonoma Hwy		Sonoma Ca 95476		Contact #	(909) 467-7443		
Log Completed By:	Kevin Ashley							
Date:	Leak/Pass	Time	ITEM	Test	Tested	Sample ID	Concentration: (ug/L - ppm - psig)	Description (How collected, Volume Collected, Complete Notes)
01/23/06	1a	11:36	BU	89 TK	TS	Note	50 ppm	Dectected with heliest will investigate
01/23/06	2a	11:45	BU	89 TK	TS	Note	Note	Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.
01/23/06	1b	19:17	Final	89 TK	TS	89 TS	A = 0.0005 ug/l	Sample collected at 19:04 will investigate
01/24/06	2b	8:45	Final	89 TK	Note	Note	Note	Wrapped flex hose with shrink wrap found no visible leaks with soap and water
01/24/06	1c	9:59	Final	87 TK	ATG	87 ATG	A = 0.0026 ug/l	Sample collected at 9:45 will investigate
01/24/06	2c	15:20	Final	Note	Note	Note	Note	During inoculation the lids to the tank interstitial were exposed. With the wind direction we believe there was some contamination into the tank, as well as the soil around the fill riser we resample the interstitial, and vp no increase in rate

1

Leak log and resolution contractor notes

1. This Comment was referring to the inoculated tracer gas possibly escaping in the wind condition.



Sonoma County Department of Emergency Services inspection form October 8, 2002

• This is submitted as evidence that Sonoma County had access to this information based on this inspection report, indicating that a Sonoma County Inspector was present for the October 8th, 2002 SB 989 test.



COUNTY OF SONOMA
DEPARTMENT OF EMERGENCY SERVICES
FIRE SERVICES • EMERGENCY MANAGEMENT • HAZARDOUS MATERIALS

VERNON A. LOSH II, DIRECTOR

SONOMA COUNTY CUPA INSPECTION REPORT

Notice to Comply

HazWaste Generator Hazardous Materials UGT ABST UFC RMPP

BUSINESS NAME: (Ultramer) Cal Food & Fuel PHONE: 996-5004
ADDRESS: 18618 Sonoma Hwy CITY: Sonoma
CONDITIONS DISCUSSED WITH: Saied Molavi
PERMIT NUMBER: 37 DATE: 10-8-02

CODE	DESCRIPTION	DATE CORRECTED
	SB 989 testing	
	Mike Worly - Tankology	
	3 UST all passed	
	3 pressurized pipelines all FAILED	
	3 sumps (pipings) Supreme Failed	
	Reg + Midgrade passed	
	Dispenser 1 - not present	
	" 3 - "	
	" 5 - "	
①	Apply for repair permit by 11-8-02. Repair 1 large sump, and any other failures (dispensers if failed) by 1-30-03.	

Inspector: [Signature] Date: 10-8-02
Received by: [Signature] Date: _____

Submit information to this office confirming actions taken to correct violations in thirty (30) days of this notice.

Tanknology-October 8, 2002

SB-989 SECONDARY CONTAINMENT SUMMARY RESULTS

Tanknology

TEST DATE: 10/28/2002 WORK ORDER NO: 2224041

CLIENT: ALPHA PETROLEUM SITE: CALIFORNIA FOOD & FUEL
 P.O. BOX 447 18418 SONOMA HWY

DIXON CA 95620 SONOMA CA 95474

TIM STORNETTA 707-478-8100

Ullman

Tank Interstitial Tests

PRODUCT	MANUFACTURER	TANK RESULTS
SUPRME	TYNCO	PASS
FLOS	TYNCO	PASS
880 UNLEAD	TYNCO	PASS

Piping Interstitial Tests

PRODUCT	MANUFACTURER	LINE RESULTS
880	Smith	FAIL
FLOS	Smith	FAIL
SUP	Smith	FAIL

Sump & Under-Dispenser Containment Tests

Sump DISP #	MANUFACTURER	PF	Sump DISP #	MANUFACTURER	PF	Sump DISP #	MANUFACTURER	PF
880		Fail						
FLOS		Pass						
880		Pass						
1/2	Arvo	Fail						
3/4	Arvo	Fail						
5/8	Arvo	Fail						

Tanknology representative: MARK SHAW

Services conducted by: MICHAEL WORLEY

- SECONDARY CONTAINMENT TESTING REQUIRED UNDER REG SB989
- SECONDARY CONTAINMENT ON UST'S PASSED ON ALL THREE PRODUCTS
- SECONDARY PIPING FAILED ON ALL THREE PRODUCTS
- ONE PRODUCT SUMP(SUPER) AND ALL SECONDARY UNDER DISPENSER CONTAINMENT FAILED

Sonoma County Department of Emergency Services- October 23rd, 2002



COUNTY OF SONOMA
DEPARTMENT OF EMERGENCY SERVICES
FIRE SERVICES • EMERGENCY MANAGEMENT • HAZARDOUS MATERIALS

VERNON A. LOSH II, DIRECTOR

SONOMA COUNTY CUPA INSPECTION REPORT

Notice to Comply

HazWaste Generator Hazardous Materials UGT ABST UFC RMPP

BUSINESS NAME: Ultramar - Cal Food & Fuel PHONE: _____
 ADDRESS: 18 618 San Hwy CITY: Sonoma
 CONDITIONS DISCUSSED WITH: Saeed Malavi
 PERMIT NUMBER: 37 DATE: 10-23-02

CODE	DESCRIPTION	DATE CORRECTED
	Witnessed monitoring system inspection.	
	3 sumps - all passed	
	3 annular space sensors - all passed	
	Dispenser 1 - floats present	
	" 3 - " "	
	" 5 - " "	
	① Submit pipeline (primary) and leak detector test results by 12-31-02.	
	② Submit the SB 989 test results	

Inspector: [Signature] Date: 10-23-02
 Received by: [Signature] Date: 10/27/02

Submit information to this office confirming actions taken to correct violations
 in thirty (30) days of this notice.

SONOMA CO. INSPECTOR WITNESSED LEAK DETECTION MONITORING SYSTEM INSPECTION INDICATING THAT ALL LEAK DETECTION MONITORING SYSTEMS WERE WORKING. INCLUDING ALL THE AREAS THAT FAILED THE SECONDARY CONTAINMENT TEST ON OCTOBER 8TH, 2002.

Monitoring Certification

October 23rd, 2002

MONITORING SYSTEM CERTIFICATION

For Use By All Jurisdictions Within the State of California

Authority Cited: Chapter 6.7, Health and Safety Code; Chapter 16, Division 3, Title 23, California Code of Regulations

This form must be used to document testing and servicing of monitoring equipment. A separate certification or report must be prepared for each monitoring system control panel by the technician who performs the work. A copy of this form must be provided to the tank system owner/operator. The owner/operator must submit a copy of this form to the local agency regulating UST systems within 30 days of test date.

A. General Information

Facility Name: California Food & Fuel Bldg. No.: _____
 Site Address: 18618 Arroyo Hwy City: Arroyo Zip: _____
 Facility Contact Person: _____ Contact Phone No.: (_____) _____
 Make/Model of Monitoring System: TLS 250 Date of Testing/Servicing: 10 23 02

B. Inventory of Equipment Tested/Certified

Check the appropriate boxes to indicate specific equipment inspected/serviced:

Tank ID: <u>#1 RJA</u> <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>VR</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>VR Bell</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>VR</u> <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: <u>#2 plus</u> <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>VR</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>VR Bell</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>VR</u> <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Tank ID: <u>#3 Supreme</u> <input checked="" type="checkbox"/> In-Tank Gauging Probe. Model: <u>VR</u> <input checked="" type="checkbox"/> Annular Space or Vault Sensor. Model: <u>VR Bell</u> <input checked="" type="checkbox"/> Piping Sump / Trench Sensor(s). Model: <u>VR</u> <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input checked="" type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).	Tank ID: _____ <input type="checkbox"/> In-Tank Gauging Probe. Model: _____ <input type="checkbox"/> Annular Space or Vault Sensor. Model: _____ <input type="checkbox"/> Piping Sump / Trench Sensor(s). Model: _____ <input type="checkbox"/> Fill Sump Sensor(s). Model: _____ <input type="checkbox"/> Mechanical Line Leak Detector. Model: _____ <input type="checkbox"/> Electronic Line Leak Detector. Model: _____ <input type="checkbox"/> Tank Overfill / High-Level Sensor. Model: _____ <input type="checkbox"/> Other (specify equipment type and model in Section E on Page 2).
Dispenser ID: <u>#142</u> <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input checked="" type="checkbox"/> Shear Valve(s). <input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: <u>#344</u> <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input checked="" type="checkbox"/> Shear Valve(s). <input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s).
Dispenser ID: <u>#546</u> <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input checked="" type="checkbox"/> Shear Valve(s). <input checked="" type="checkbox"/> Dispenser Containment Float(s) and Chain(s).	Dispenser ID: _____ <input type="checkbox"/> Dispenser Containment Sensor(s). Model: _____ <input type="checkbox"/> Shear Valve(s). <input type="checkbox"/> Dispenser Containment Float(s) and Chain(s).

* If the facility contains more tanks or dispensers, copy this form. Include information for every tank and dispenser at the facility.

C. Certification - I certify that the equipment identified in this document was inspected/serviced in accordance with the manufacturer's guidelines. Attached to this Certification is information (e.g. manufacturers' checklists) necessary to verify that this information is correct and a Plot Plan showing the layout of monitoring equipment. For any equipment capable of generating such reports, I have also attached a copy of the report; (check all that apply):
 System set-up Alarm history report

Technician Name (print): LARRY WILLIAMS Signature: Larry Williams
 Certification No.: _____ License No.: 550064063

Testing Company Name: Alpha Petroleum Phone No.: (707) 678-8100
 Site Address: 18618 Arroyo Hwy Arroyo Date of Testing/Servicing: 10 23 02

Monitoring System Certification

D. Results of Testing/Servicing

Software Version Installed: _____

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the audible alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is the visual alarm operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors visually inspected, functionally tested, and confirmed operational?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all sensors installed at lowest point of secondary containment and positioned so that other equipment will not interfere with their proper operation?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No*	If alarms are relayed to a remote monitoring station, is all communications equipment (e.g. modem) operational?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No*	For pressurized piping systems, does the turbine automatically shut down if the piping secondary containment monitoring system detects a leak, fails to operate, or is electrically disconnected? If yes: which sensors are in positive shut-down? (Check all that apply) <input type="checkbox"/> Sump/Trench Sensors; <input type="checkbox"/> Dispenser Containment Sensors
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Did you confirm positive shut-down due to leaks and sensor failure/disconnection? <input type="checkbox"/> Yes; <input checked="" type="checkbox"/> No
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	For tank systems that utilize the monitoring system as the primary tank overflow warning device (i.e. mechanical overflow prevention valve is installed), is the overflow warning alarm visible and audible at the tank fill point(s) and operating properly? If so, at what percent of tank capacity does the alarm trigger?
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was any monitoring equipment replaced? If yes, identify specific sensors, probes, or other equipment replaced and list the manufacturer name and model for all replacement parts in Section E, below.
<input type="checkbox"/> Yes*	<input checked="" type="checkbox"/> No	Was liquid found inside any secondary containment systems designed as dry systems? (Check all that apply) <input type="checkbox"/> Product; <input type="checkbox"/> Water. If yes, describe causes in Section E, below.
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was monitoring system set-up reviewed to ensure proper settings? Attach set up reports, if applicable
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Is all monitoring equipment operational per manufacturer's specifications?

* In Section E below, describe how and when these deficiencies were or will be corrected.

E. Comments:

Monitoring System Certification

F. In-Tank Gauging / SIR Equipment:

- Check this box if tank gauging is used only for inventory control.
 Check this box if no tank gauging or SIR equipment is installed.

This section must be completed if in-tank gauging equipment is used to perform leak detection monitoring.

Complete the following checklist:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Has all input wiring been inspected for proper entry and termination, including testing for ground faults?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all tank gauging probes visually inspected for damage and residue buildup?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system product level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Was accuracy of system water level readings tested?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all probes reinstalled properly?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

G. Line Leak Detectors (LLD):

- Check this box if LLDs are not installed.

Complete the following checklist:

<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For equipment start-up or annual equipment certification, was a leak simulated to verify LLD performance? (Check all that apply) Simulated leak rate: <input type="checkbox"/> 3 g.p.h.; <input type="checkbox"/> 0.1 g.p.h.; <input type="checkbox"/> 0.2 g.p.h.
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all LLDs confirmed operational and accurate within regulatory requirements?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Was the testing apparatus properly calibrated?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For mechanical LLDs, does the LLD restrict product flow if it detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For electronic LLDs, does the turbine automatically shut off if the LLD detects a leak?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system is disabled or disconnected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For electronic LLDs, does the turbine automatically shut off if any portion of the monitoring system malfunctions or fails a test?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	For electronic LLDs, have all accessible wiring connections been visually inspected?
<input type="checkbox"/> Yes	<input type="checkbox"/> No*	Were all items on the equipment manufacturer's maintenance checklist completed?

* In the Section H, below, describe how and when these deficiencies were or will be corrected.

Tank-Tek- November 14, 2002

•TEST PRODUCT LINES AND LEAK DETECTORS OF THE UST SYSTEM TO INSURE THAT BECAUSE OF THE OCTOBER 8, 2002 SECONDARY CONTAINMENT FAILURE THAT THOSE COMPONENTS OF THE PRIMARY CONTAINMENT WERE TIGHT.

•ALL PASSED-NO REPAIRS REQUIRED

TANK-TEK

Location : CALIFORNIA FOOD & FUEL 18618 SONOMA HWY SONOMA, CA 95476				Work Order 02111401-1		Date NOV 14/02	
Facility # : #2 BILL TO : CALIFORNIA FOOD & FUEL Contact : SAIED MOLAVI				SONOMA COUNTY DEPARTMENT OF EMERGENCY SERVICES			
Annual Inspection <input checked="" type="checkbox"/> Retest Post Construction <input type="checkbox"/> For Sale <input type="checkbox"/> Inspection							

Tank Test — Alert 1000

Tank	Tank Capacity Gallons	Product Grade	Product Level Inches %	Pressure Tank Bottom PSI	Test Time		Final Leak Rate		TANK TEST RESULTS	
					Start	End	G/H	Pass/Fail		
1		REGULAR							TANK	PASS/FAIL
2		SUPER							1	
3		PLUS							2	
4									3	
5									4	

Tank	Ullage (Alert 1050X) Time		Ullage Pressure PSI		Ullage Results Pass/Fail
	Start	End	Begin	End	
1					
2					
3					
4					
5					

Product Line — Acurite

Line	Type		Steel Fiberglass ST or FG	Test Pressure PSI	Test Time		Readings G/H			Final Leak Rate	
	P	S			Start	End	10 min	20 min	30 min	G/H	Pass/Fail
1	X		FG	50	7:00 AM	7:30 AM	.0015	.0075	.0000	.0000	PASS
2	X		FG	50	7:35 AM	8:05 AM	.0075	.0000	.0000	.0000	PASS
3	X		FG	50	8:10 AM	8:40 AM	.0075	.0075	.0000	.0000	PASS
4											
5											

Leak Detector — Red Jacket FTA

LD	Model	Serial Number	Leak Rate Calibration	Pass Fail
1	XLP	7578	3 G/H	PASS
2	FXI	3504	3 G/H	PASS
3	XLP	7580	3 G/H	PASS
	STP MLD	02040386	3 G/H	PASS

Monitor Wells

Well	Well Depth	Water Depth	Hydrocarbon (inches)	
1			YES	NO
2			YES	NO
3			YES	NO
4			YES	NO
5			YES	NO

Purchase Order	Contract #	Time of test 7:00 AM	Technician PHIL ROOMS
			Signature
			License CA: 90-1052 NV: UTT-1083 OR: 17122

TANK-TEK ENVIRONMENTAL CORPORATION

WHITEMAN PETROLEUM

JANUARY 2003

REPAIRS MADE TO THE SECONDARY CONTAINMENT:

- **Under dispenser teleflex secondary containment boot and clamps**
- **Dispenser pans lake tested for leaks**

Secondary Containment Repair Permit

COUNTY OF SONOMA DEPARTMENT OF EMERGENCY SERVICES
 2300 COUNTY CENTER DRIVE, SUITE 221A, SANTA ROSA, CA 95403
 707/845-1182 PHONE 707/845-1172 FAX

APPLICATION FOR PERMIT TO: PERMIT# 37 *pd check 2119 \$293.c*

Pressure loss detector test Tank piping integrity test Renewal/Extension Closure
 Clearance New/Replacement Repair/Modify (leak detection, product lines, etc)

THIS PERMIT MUST BE SIGNED BY THE PRIMARY CONTRACTOR

FACILITY NAME ULTRAMAR-CALFOODLEVEL PHONE _____
 ADDRESS 18618 SONOMA HWY CITY/ZIP SONOMA 95476
 ASSESSOR'S PARCEL # _____ FIRE DISTRICT SONOMA
 OWNER NAME SAIED MDLAWI PHONE 707-996-5004
 ADDRESS SAME CITY/STATE/ZIP _____
 OPERATOR NAME SAME PHONE _____
 ADDRESS SAME CITY/STATE/ZIP _____

PRIMARY CONTRACTOR NAME WILITE-MAN PETROLEUM PHONE 707-830-1307
 LICENSE TYPE & # A-442 DATE 10/2/03 WORKERS COMP POLICY # 167721-02
 ADDRESS 140 ELIZABETH CIRCLE CITY/STATE/ZIP WINDSOR CA 95971
 SUBCONTRACTOR NAME N/A PHONE _____
 LICENSE TYPE & # _____ DATE _____ WORKERS COMP POLICY # _____
 ADDRESS _____ CITY/STATE/ZIP _____

TERMS OF PERMIT
 APPLICANT AGREES THAT:

- 1) Dept. of Emergency Services Fire Inspector will be notified a minimum of 48 hours prior to commencing work.
- 2) Dept. of Emergency Services Fire Inspector inspection will be obtained 48 hours prior to covering the work (where applicable).
- 3) Any deviation from approved plan/permit without prior approval of the Director of Emergency Services will be cause for stopping work until the changes are fully justified and approved.
- 4) This permit is subject to revocation if found to be in nonconformance with Sonoma County Code or standards of the Dept. of Emergency Services
- 5) I, the undersigned applicant, hereby authorize _____ to release any and all analytical results, geotechnical data and site assessment information to the County of Sonoma Dept. of Emergency Services as soon as it is available and is provided to me or my representative.
- 6) Primary contractor shall subcontract only as provided by the requirements of the Business & Professions Code and those requirements of the Contractor's Licensing Board.
- 7) Additional items _____

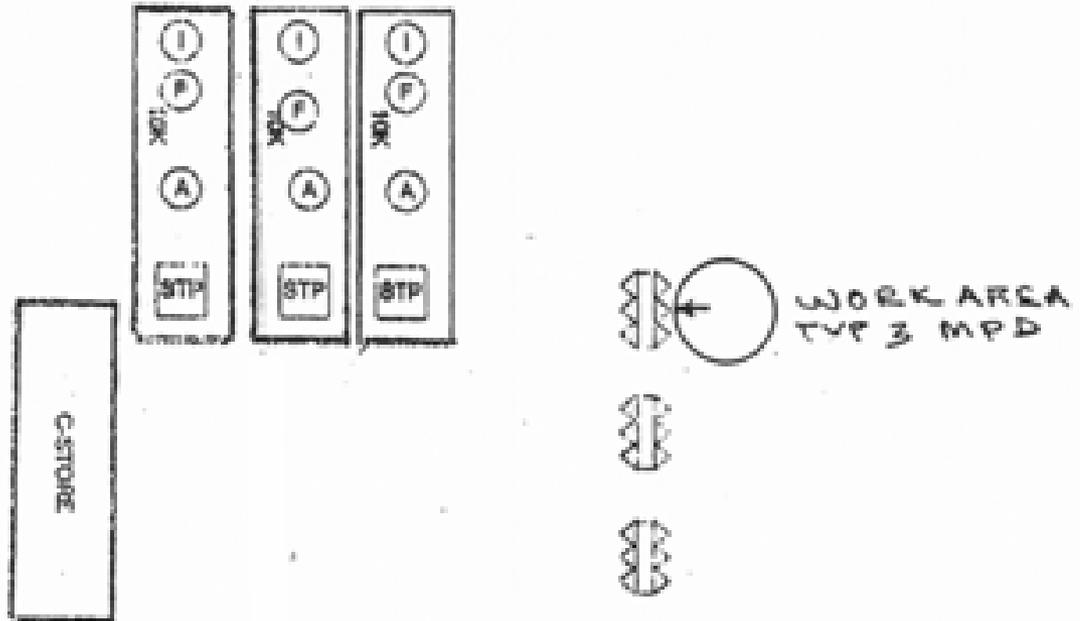
It is understood that the issuance of a permit in no way indicates that a guarantee of perfect and indefinite operation is made by the County of Sonoma, Dept. of Emergency Services. I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all County ordinances and State laws regarding underground storage tanks. This permit shall expire by limitation if work authorized is not commenced within 365 days.

Signature of Primary Contractor _____ Date 12/18/02
 PLAN APPROVED BY: Signature DATE 1-14-03
 CONSTRUCTION APPROVED BY: _____ DATE _____
 NOT TRANSFERABLE WHEN APPROVED, THIS IS YOUR PERMIT SEE REVERSE SIDE

Secondary Containment Repair Permit

SCOPE:

BREAK OUT CONCRETE
AT FRONT OF EACH
MPD DISPENSER.
REPLACE FLEX HOSE
TEST BOOTS ON EACH
PRODUCT LINE. (TYP 900)
RETEST DOUBLE WALL
PIPING.



FORM 10740002 1121 HIGHLINE PER

CALIFORNIA FOOD & FUEL
18618 SONOMA HWY SONOMA CA.

Contractor's Statement and Scope of Work

WHITEMAN PETROLEUM, INC.

140 ELSBREE CIRCLE WINDSOR CA 95492 CONTRACTOR'S #542257 707/838-1807

July 3, 2007

Mr. Saied Molavi
Sonoma Super Gas
18618 Sonoma Highway
Sonoma, CA 95476

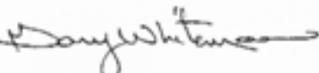
Dear Mr. Molavi,

This letter is intended to document the scope of the repairs that Whiteman Petroleum Inc conducted on the underground tank system at your 18618 Sonoma Highway property on January 20, 2003. The scope of work performed was to the secondary containment boots under the dispenser pans and was conducted to correct a pressure test failure to the secondary containment system that occurred on October 8, 2002.

During the course of these repairs we found no evidence of petroleum product releases at any of the points of repair. Also no repairs were required or made by us to the primary containment system including the primary lines and piping, all repairs that we made were to the secondary containment system.

If you have any questions or required further information regarding the above please call me at 707/ 838-1807.

Sincerely,



Gary Whiteman
President

whiteman Petroleum, Inc.

140 Elsbree Circle
Windsor, CA 95492
707/838-1807

INVOICE # 741
INVOICE DATE: 02/05/03
DUE DATE: AMOUNT DUE
UPON RECEIPT

INVOICE

BILL TO:

Saied Molive
Cal. Food and Fuel
18805 Sonoma Ave
Sonoma, CA 95476

JOB: 2282
Saied Molive

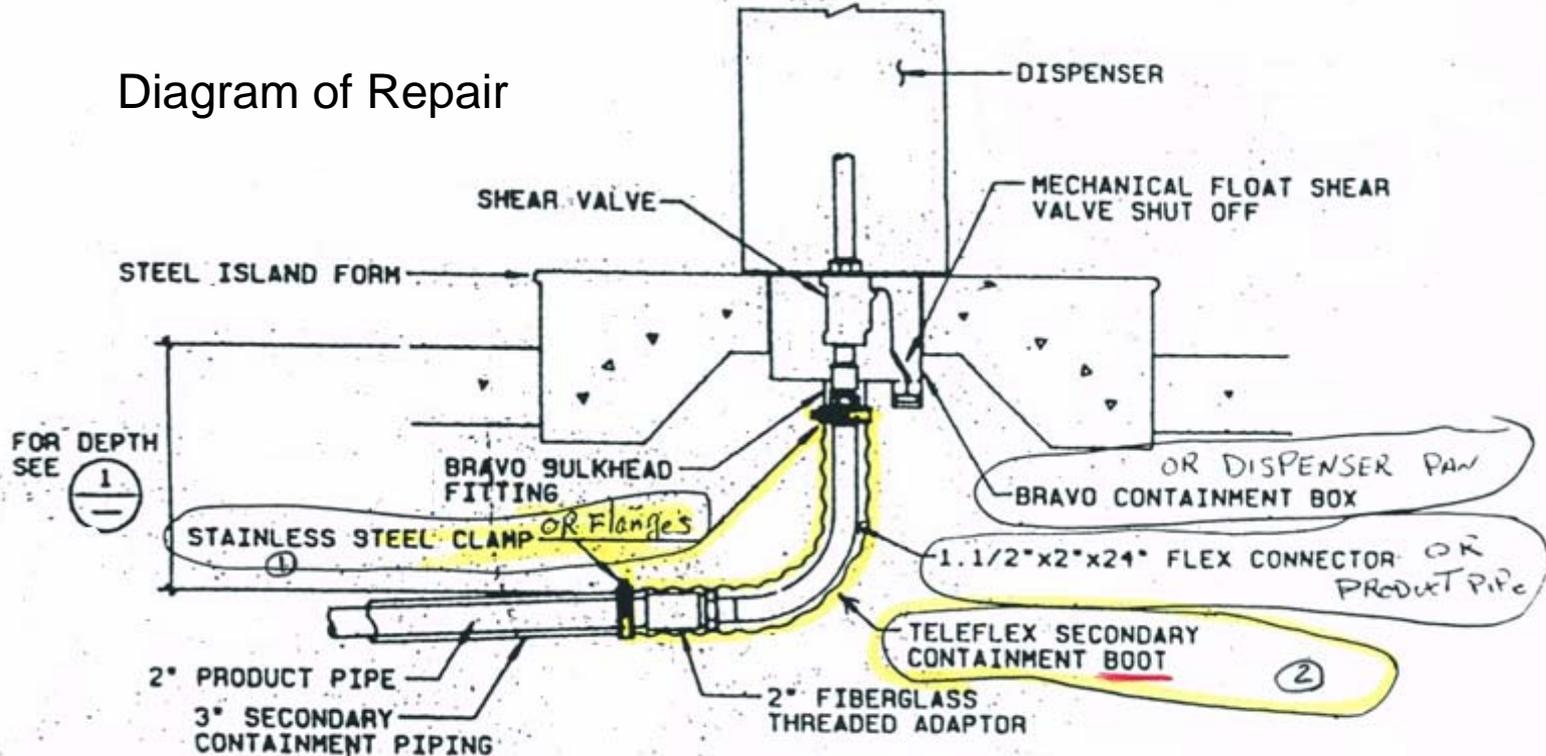
6300 #2

DESCRIPTION	QUANTITY	PRICE	AMOUNT
Permit So. Co. Emergency Services			293.00
12/12/02 Caulk piping penetrations. Test secondary piping. Lake test dispenser pans.			
Dennis Taipale	6.00hrs	65.000 / hrs	390.00
Dave Daniels	6.00hrs	58.000 / hrs	348.00
Dave Daniels	4.00hrs	58.000 / hrs	232.00
Utility truck	2.00ea	20.000 / ea	40.00
01/20/03 Jack Hammer and remove concrete Haul concrete to dump. Excavate to piping.			
Dennis Taipale	8.00hrs	65.000 / hrs	520.00
Dave Daniels	8.00hrs	58.000 / hrs	464.00
Luis Bedoya	8.00hrs	58.000 / hrs	464.00
Dave Taipale	8.00hrs	55.000 / hrs	440.00
Rocco Cacharellis	8.00hrs	40.000 / hrs	320.00
Utility Trucks	6.00ea	20.000 / ea	120.00
Air Compressor	4.00hrs	25.000 / hrs	100.00
Dump Truck Hertz 4253217			217.55
01/21/03 Excavate to piping. Test to find leaks Remove boots and flanges at dispenser pans			
David Taipale	8.00hrs	55.000 / hrs	440.00
Dave Daniels	8.00hrs	58.000 / hrs	464.00

Invoices not paid by due date will incur interest charges equal to 1.5% monthlv. APR18%.

Whiteman Petroleum- January 2003

Diagram of Repair



- ① Remove Steel Clamp or Flanges from Dispenser PAN.
- ② Remove and Replace SECONDARY CONTAINMENT BOOTS ONLY.
- ③ TEST SECONDARY CONTAINMENT.

3

PRODUCT DISPENSER SECTION
FOR NEW INSTALLATIONS

3/4" = 1'

Tanknology- March 19, 2003

SB-989 SECONDARY CONTAINMENT SUMMARY RESULTS



TEST DATE: 03/19/2003

WORK ORDER NO.: 2225884

CLIENT: CALIFORNIA FOOD & FUEL
18405 SONOMA HWY

SITE: CALIFORNIA FOOD & FUEL
18418 SONOMA

SONOMA CA 95476
SAJED MOJAVI
707-996-5004

SONOMA CA 95476

Tank Interstitial Tests

PRODUCT	MANUFACTURER	TANK RESULTS
UNLEADED SUPREME PLUS		

Piping Interstitial Tests

PRODUCT	MANUFACTURER	LINE RESULTS
UNL PLUS SUPREME	Smith	PASS
	Smith	PASS
	Smith	PASS

Sump & Under-Dispenser Containment Tests

Sump DISP #	MANUFACTURER	PIF
PREM	Smith	Pass
1/2	Bravo	Pass
3/4	Bravo	Pass
5/6	Bravo	Pass

Sump
under
dispenser

•SECONDARY CONTAINMENT COMPONENTS THAT FAILED ON OCTOBER 8, 2002 WERE RE-TESTED AND PASSED

SITE DIAGRAM



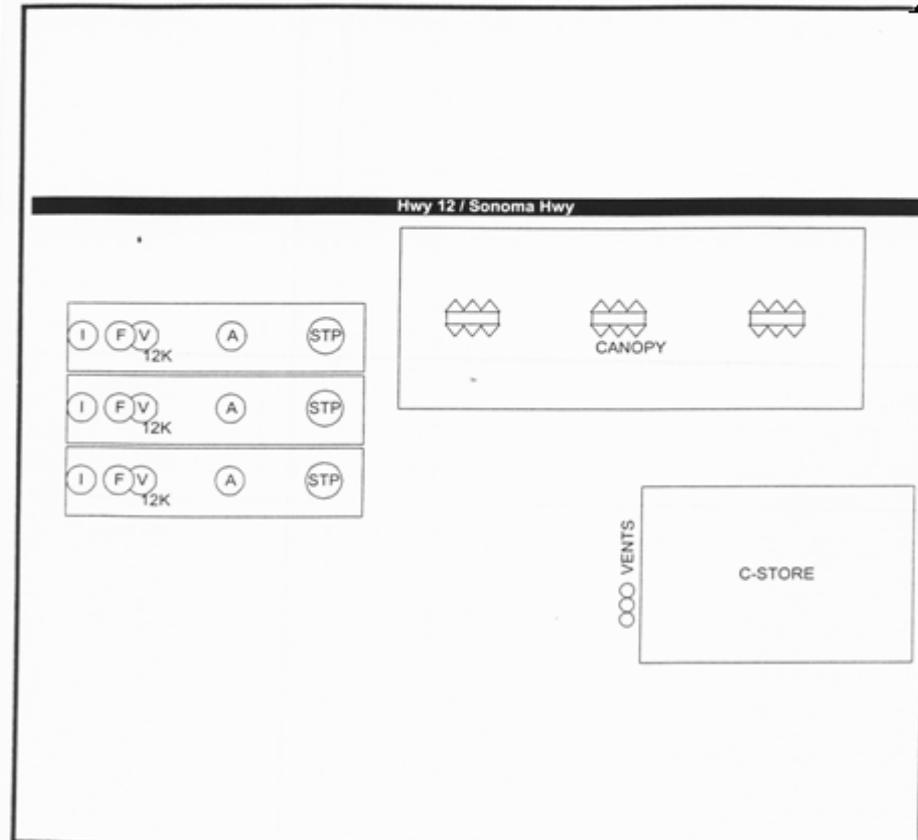
8000 SHOAL CREEK, BUILDING 200
AUSTIN, TEXAS 78757
(512) 451-6334
FAX (512) 459-1459

TEST DATE: 03/19/03

WORK ORDER NUMBER: 2225884

CLIENT: CALIFORNIA FOOD & FUEL

SITE: CALIFORNIA FOOD & FUEL



Comments on Draft Order Testing Conclusions

- The Draft Order as stated fails to address the issue that the failures of the October 8th, 2002 SB989 test **does not conclude** that there was a release. Based on the results of the subsequent testing of the Leak Monitoring Equipment on 10/23/08 (no where is this test mentioned in the Draft) and the testing of the Primary product lines on 11/14/02 substantiates the conclusion that there was no confirmed release as a result of the October 8th, 2002 test failure. The Draft should support this conclusion as this is one of the lines of evidence used by the Petitioner. In addition the Draft document should change the terminology used on page 9 paragraph 2 that states

"the product lines from the USTs to the dispensers failed".

This is not accurate terminology and is misleading. **This was not product lines it was the secondary Interstitial piping that failed.** The product lines passed as evidenced in the November 14, 2002 Product Line Test.

Test Summary

Offsite Remote Sampling ELD Test

Investigation revealed this test is no longer conducted without a pre-test. The two licensed ELD testers listed on the California EPA website CGRS and Leak Detection Technologies, do not do this type of test without a pre-test.

When contacted, CGRS refused to comment on this 2004 test.

When contacted, Leak Detection Technologies stated that "Our company will not do offsite remote sampling projects at the ELD sensitivity without a comprehensive pretest, and then we recommend against it."



TRACER TIGHT® TEST RESULTS

CGRS
P.O. Box 1489
Ft. Collins, CO 80524

12/13/2004
Job No: 870021
Sonoma Super Gas / Beacon #106
18618 Sonoma Highway
Sonoma, CA 95476

SYSTEM STATUS

SYSTEM#	PRODUCT	SIZE	TRACER	SYSTEM STATUS
Tank 1	87	10,000	W	FAIL
Tank 2	91	10,000	G	FAIL
Tank 3	89	10,000	R	PASS

Soil permeability is greater than 89.1 darcys.

GROUND WATER AND PRODUCT INFO

SYSTEM#	AT INOCULATION 11/05/04		AT SAMPLING 11/15/04		DEPTH FROM GRADE		
	H2O (in)	PROD (in)	H2O (in)	PROD (in)	WATER TABLE (in)	TANK BOTTOM (in)	TANK TOP (in)
Tank 1	0.00	34.90	0.00	34.60	>141	177	81
Tank 2	0.00	41.80	0.00	36.70	>141	177	81
Tank 3	0.00	56.80	0.00	32.10	>141	177	81

TEST EVENTS

INSTALLATION 11/05/04	INOCULATION 11/05/04	SAMPLING 11/15/04	ANALYSIS 12/02/04
--------------------------	-------------------------	----------------------	----------------------

FILL RISER - SPILL BUCKET TEST

TANK#	PASS/FAIL
Tank 1	Pass
Tank 2	Pass
Tank 3	Pass

I declare under penalty of perjury that I am a licensed tank tester in the State of California and that the information contained in this report is true and correct to the best of my knowledge.

Inoculated/Inoculated M. Atkinson CA Lic. No: 04-1675 Signature Monty Atkinson Date 1/3/05
Sampler M. Keen CA Lic. No: 04-1689 Signature [Signature] Date
TRC Analyst Andrew Kachoff CA Lic. No: 01-1621 Signature Andrew Kachoff Date 12/16/04

Sample Date: 12/02/04

CONDENSED DATA

Location	Compound	Concentration
001	G	0.0000
001	R	0.0000
001	W	0.0000
001	TVHC	0.0000
002	G	0.0000
002	R	0.0000
002	W	0.0837
002	TVHC	12.2400
003	G	0.0000
003	R	0.0000
003	W	0.0093
003	TVHC	0.1400
004	G	0.0007
004	R	0.0000
004	W	0.0000
004	TVHC	0.0700
005	G	0.0005
005	R	0.0000
005	W	0.0000
005	TVHC	4.5200
006	G	0.0000
006	R	0.0000
006	W	0.0000
006	TVHC	0.3000
007	G	0.0000
007	R	0.0000
007	W	0.0000
007	TVHC	6.2100
008	G	0.0000
008	R	0.0000
008	W	0.0000
008	TVHC	0.0000
009	G	0.0000
009	R	0.0000

A, E, G, H, I, R, W and TVHC values reported in micrograms/liter (µg/L).
 00 = Not Detected -999999.99999 = No sample

Sample Date: 12/02/04

CONDENSED DATA

Location	Compound	Concentration
009	W	0.0106
009	TVHC	0.0000
010	G	0.0000
010	R	0.0000
010	W	0.0094
010	TVHC	0.0000
011	G	0.0000
011	R	0.0000
011	W	0.0373
011	TVHC	0.2600
012	G	0.0000
012	R	0.0000
012	W	0.0161
012	TVHC	0.0000
013	G	0.0000
013	R	0.0000
013	W	0.0579
013	TVHC	2.3000
014	G	0.0000
014	R	0.0000
014	W	0.0351
014	TVHC	0.0500
015	G	0.0000
015	R	0.0000
015	W	0.1050
015	TVHC	16.4200
016	G	0.0000
016	R	0.0000
016	W	0.0000
016	TVHC	0.0600
017	G	0.0000
017	R	0.0000
017	W	0.0000
017	TVHC	0.0000

A, E, G, H, I, R, W and TVHC values reported in micrograms/liter (µg/L).
 00 = Not Detected -999999.99999 = No sample

Sample Date: 12/02/04

CONDENSED DATA

Location	Compound	Concentration
018	G	0.0000
018	R	0.0000
018	W	0.0000
018	TVHC	0.0000
019	G	0.0000
019	R	0.0000
019	W	0.0000
019	TVHC	0.0000
87 Annular	G	0.0000
87 Annular	R	0.0000
87 Annular	W	0.0000
87 Annular	TVHC	0.6100
87 T-Sump	G	0.0008
87 T-Sump	R	0.0000
87 T-Sump	W	0.0000
87 T-Sump	TVHC	5.4300
89 Annular	G	0.0000
89 Annular	R	0.0000
89 Annular	W	0.0000
89 Annular	TVHC	0.3800
89 T-Sump	G	0.0000
89 T-Sump	R	0.0000
89 T-Sump	W	0.0000
89 T-Sump	TVHC	0.0600
91 Annular	G	0.0000
91 Annular	R	0.0000
91 Annular	W	0.0000
91 Annular	TVHC	2.4400
91 T-Sump	G	0.0007
91 T-Sump	R	0.0000
91 T-Sump	W	0.0000
91 T-Sump	TVHC	1.3900

Figure 1

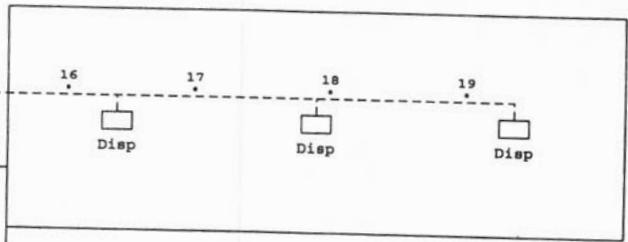
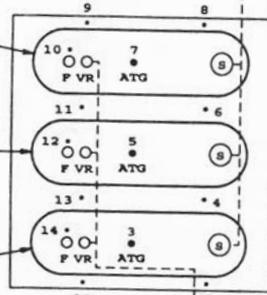
PRAXAIR

Praxair Services, Inc.

Tank 3
10,000 gal
89
Tracer [R]

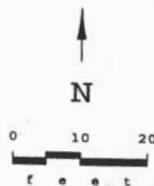
Tank 2
10,000 gal
91
Tracer [G]

Tank 1
10,000 gal
87
Tracer [W]



EXPLANATION

- *1 Sampling Probe Location
- Approximate Pipeline Location



CGRS
Sonoma Super Gas / Beacon #106

18618 SONOMA HIGHWAY
SONOMA, CALIFORNIA

SAMPLING LOCATIONS

File 870021-1
Rev 870021-4
3-20-04

870021

Figure 1



Praxair Services, Inc.

Praxair Services, Inc.
3755 N. Business Center Drive
Tucson, AZ 85705
Tel: (800) 394-9929
Fax: (520) 293-1306

IN SERVICE ENHANCED LEAK DETECTION (ISELD) TEST RESULTS

Client	Date:	1/25/2006	Site Info:	Job No:	38713EL
Shirley Environmental 9595 Lucas Ranch Rd, Suite 100 Rancho Cucamonga Ca 91730			Sonoma Super Saver 18618 Sonoma Hwy Sonoma Ca 95476		
SYSTEM		STATUS - (Pass/ Fail)			
Product / System	Size	Tank	Product Primary (Primary)	Vent Primary	(
87	10,000	Pass	Pass	Pass	
89	10,000	Pass	Pass	Pass	
91	10,000	Pass	Pass	Pass	
Vapor Recovery			Pass		
Under Dispenser Containment (UDC)	3		Pass		

GROUND WATER AND PRODUCT INFO

Product / System	IN_TANK H2O (In)	Product Level (In)	Ground Water (in)	Tank Bottom (in)	Tank Top (in)
87	0	4978	>192 inch	168	48
89	0	2130	>192 inch	168	48
91	0	2551	>192 inch	168	48

SPILL BUCKET - H2O TEST

TANK	Fill Bucket Pass/Fail	Vapor Recovery Bucket Pass/Fail
87	Pass	Pass
89	Pass	Pass
91	Pass	Pass

I declare under penalty of perjury that I am a licensed tank tester in the State of California and that the information contained in this report is true and correct to the best of my knowledge

Tester: Edwin Coreas State Lic. #: 03-1652

Signature: *Edwin Coreas* Date: 1/25/2006

Test Summary



Praxair Services, Inc.

Praxair Services, Inc.
3755 N. Business Center Drive
Tucson, AZ 85705
Tel: (800) 394-9929
Fax: (520) 293-1306

IN SERVICE ENHANCED LEAK DETECTION (ISELD) TEST RESULTS

Client	Date: 1/25/2006	Site Info:	Job No: 38713EL
Shirley Environmental 9595 Lucas Ranch Rd, Suite 100 Rancho Cucamongo Ca 91730		Sonoma Super Saver 18618 Sonoma Hwy Sonoma Ca 95476	

TEST SUMMARY

QA Review: Test data and information has been reviewed and conforms to ELD procedures and protocol. Detected leaks were repaired by contractor and re-tested tight before end of testing event. All systems tested pass.



- It is necessary to review the details of the leak log on the following slide to accurately interpret this statement.

Page 9 bottom of the first paragraph of the draft order

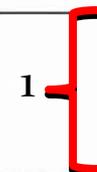
Reviewed By:

Drew Burk

2/7/2006

Signature:

LEAK LOG			Job#	38713EL			SWO #	0
Site:	Sonoma Super Saver		Client:	Shirley Environmental		Client Contact	April Weemes	
Site Address:	18618 Sonoma Hwy		Sonoma Ca 95476		Contact #	(909) 467-7443		
Log Completed By:	Kevin Ashley							
Date:	Leak/Pass	Time	ITEM	Test	Tested	Sample ID	Concentration: (ug/L - ppm - psig)	Description (How collected, Volume Collected, Complete Notes)
01/23/06	1a	11:36	BU	89 TK	TS	Note	50 ppm	Dectected with heliest will investigate
01/23/06	2a	11:45	BU	89 TK	TS	Note	Note	Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.
01/23/06	1b	19:17	Final	89 TK	TS	89 TS	A = 0.0005 ug/l	Sample collected at 19:04 will investigate
01/24/06	2b	8:45	Final	89 TK	Note	Note	Note	Wrapped flex hose with shrink wrap found no visible leaks with soap and water
01/24/06	1c	9:59	Final	87 TK	ATG	87 ATG	A = 0.0026 ug/l	Sample collected at 9:45 will investigate
01/24/06	2c	15:20	Final	Note	Note	Note	Note	During inoculation the lids to the tank interstitial were exposed. With the wind direction we believe there was some contamination into the tank, as well as the soil around the fill riser we resample the interstitial, and vp no increase in rate

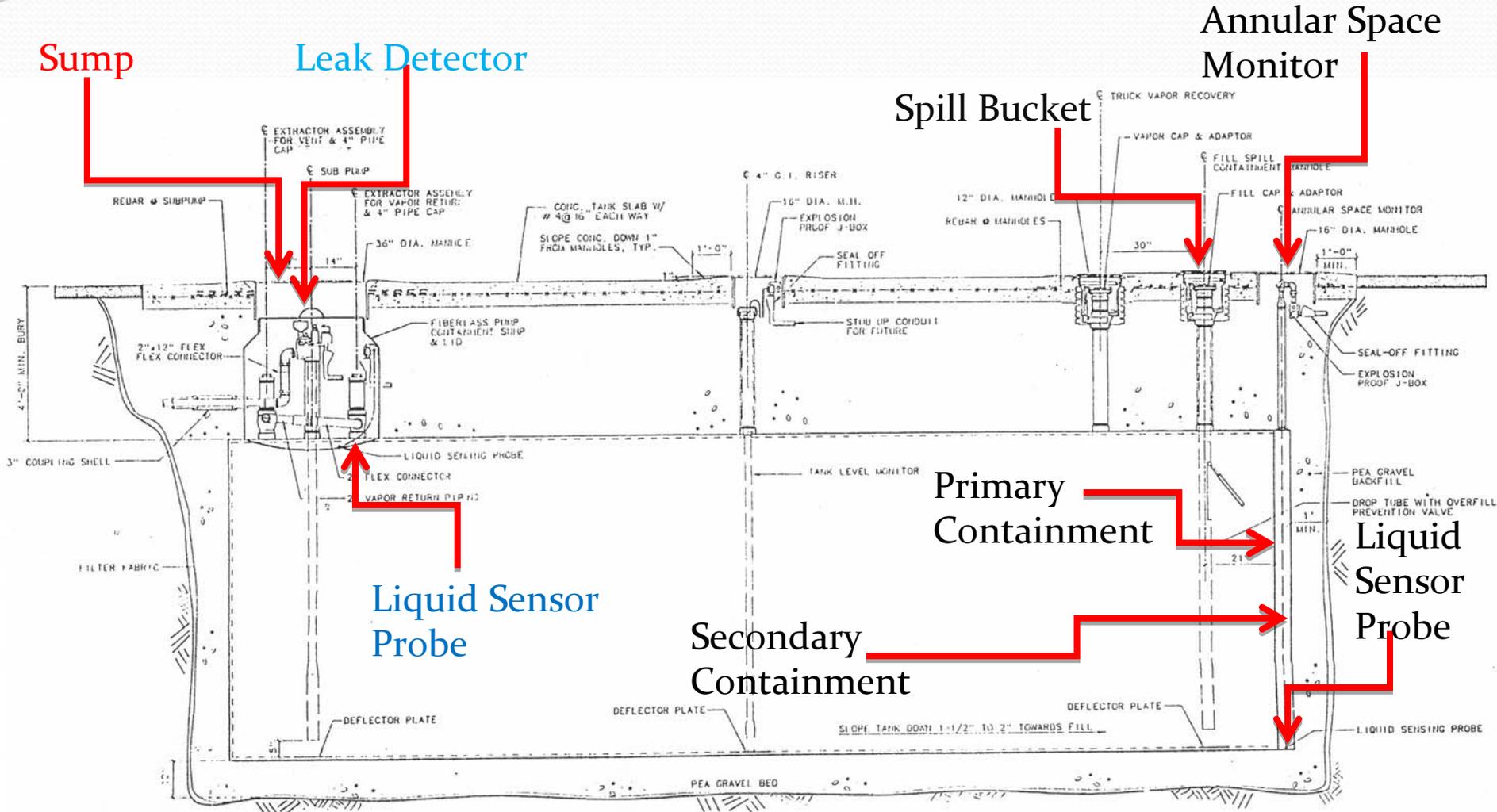


Leak log and resolution contractor notes

1. This Comment was referring to the inoculated tracer gas possibly escaping in the wind condition.



CROSS SECTION OF UST SYTSEM



TYPICAL TANK ELEVATION/SECTION
1/2"=1'-0"

Comments on the Draft Order regarding ELD Testing Conclusion: 1 of 2

- The Petitioner uses the failure of the 2004 ELD test as a line of evidence to conclude that a release occurred post 1991. *Supplemental investigation revealed that the use of an offsite remote ELD sampling test that was used at this site is no longer conducted without pre testing; because of the high sensitivity, the failure rate is very high.* The Draft does not address this issue nor does it state that in the 2004 ELD test conducted at this site pre testing was not utilized. In addition the Draft does not note that a 10 day time span occurred between the inoculation of the tracer gas and the sampling of the tracer borings. By not acknowledging these points the Draft does not fairly present the possibility that the 2004 ELD test was compromised. This line of evidence is supported by the fact that no repairs were made to the USTs, between December 13, 2004 and January 25, 2006 . The 2006 ELD concluded that all components of the UST system passed. Both an onsite mobile lab and pre-testing were utilized during the 2006 ELD test
- The Draft makes reference to the 2006 ELD testing summary comments on page 9 paragraph 2, stating that "**detected leaks were repaired by contractor and re-tested tight before the end of the testing event.**" The Draft fails to point out the details of these detected leaks and the resolution to these leaks noted in the Leak Log.
 - In reference to the Leak Log:
 - #1a line 1 on January 23, 2006 Detected with heliost will investigate.
 - #2a line 2 Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.
 - Complete details are reflected on the copy of the Leak Log included with this package.
 - The Draft also makes reference to this same data on page 9 paragraph 3.
 - In addition the Draft states on page 9 paragraph 2, "**The premium UST was not re-tested**". This is an error, supported by details on page 1 of the January 25, 2006 ELD test passed result of the premium tank.
- In conclusion we believe the Draft Order as it now stands should not be adopted by the SWRCB because the conclusion that there is credible evidence that indicates there was a release of vapor-phase gasoline from the USTs is based on several factual and interpretative errors.

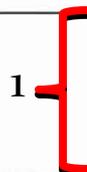
Comments on the Draft Order regarding ELD Testing Conclusion: 2 of 2

- **In reference to the Leak Log:**
- **#1a line 1 on January 23, 2006 Detected with heliest will investigate.**
- **#2a line 2 Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.**
- Complete details are reflected on the next slide.
- The Draft also makes reference to this same data on page 9 paragraph 3.
- In addition the Draft states on page 9 paragraph 2, "**The premium UST was not re-tested**". This is an error, supported by details on page 1 of the January 25, 2006 ELD test passed result of the premium tank.
- In conclusion we believe the Draft Order as it now stands should not be adopted by the SWRCB because the conclusion that there is credible evidence that indicates there was a release of vapor-phase gasoline from the USTs is based on several factual and interpretative errors.

LEAK LOG			Job#	38713EL			SWO #	0
Site:	Sonoma Super Saver		Client:	Shirley Environmental		Client Contact	April Weemes	
Site Address:	18618 Sonoma Hwy		Sonoma Ca 95476		Contact #	(909) 467-7443		
Log Completed By:	Kevin Ashley							
Date:	Leak/Pass	Time	ITEM	Test	Tested	Sample ID	Concentration: (ug/L - ppm - psig)	Description (How collected, Volume Collected, Complete Notes)
01/23/06	1a	11:36	BU	89 TK	TS	Note	50 ppm	Dectected with heliest will investigate
01/23/06	2a	11:45	BU	89 TK	TS	Note	Note	Used soap and water found no visible signs of bubbles to indicate a leak. Wrapped vapor recover line with shrink wrap.
01/23/06	1b	19:17	Final	89 TK	TS	89 TS	A = 0.0005 ug/l	Sample collected at 19:04 will investigate
01/24/06	2b	8:45	Final	89 TK	Note	Note	Note	Wrapped flex hose with shrink wrap found no visible leaks with soap and water
01/24/06	1c	9:59	Final	87 TK	ATG	87 ATG	A = 0.0026 ug/l	Sample collected at 9:45 will investigate
01/24/06	2c	15:20	Final	Note	Note	Note	Note	1 } During inoculation the lids to the tank interstitial were exposed. With the wind direction we believe there was some contamination into the tank, as well as the soil around the fill riser we resample the interstitial, and vp no increase in rate

Leak log and resolution contractor notes

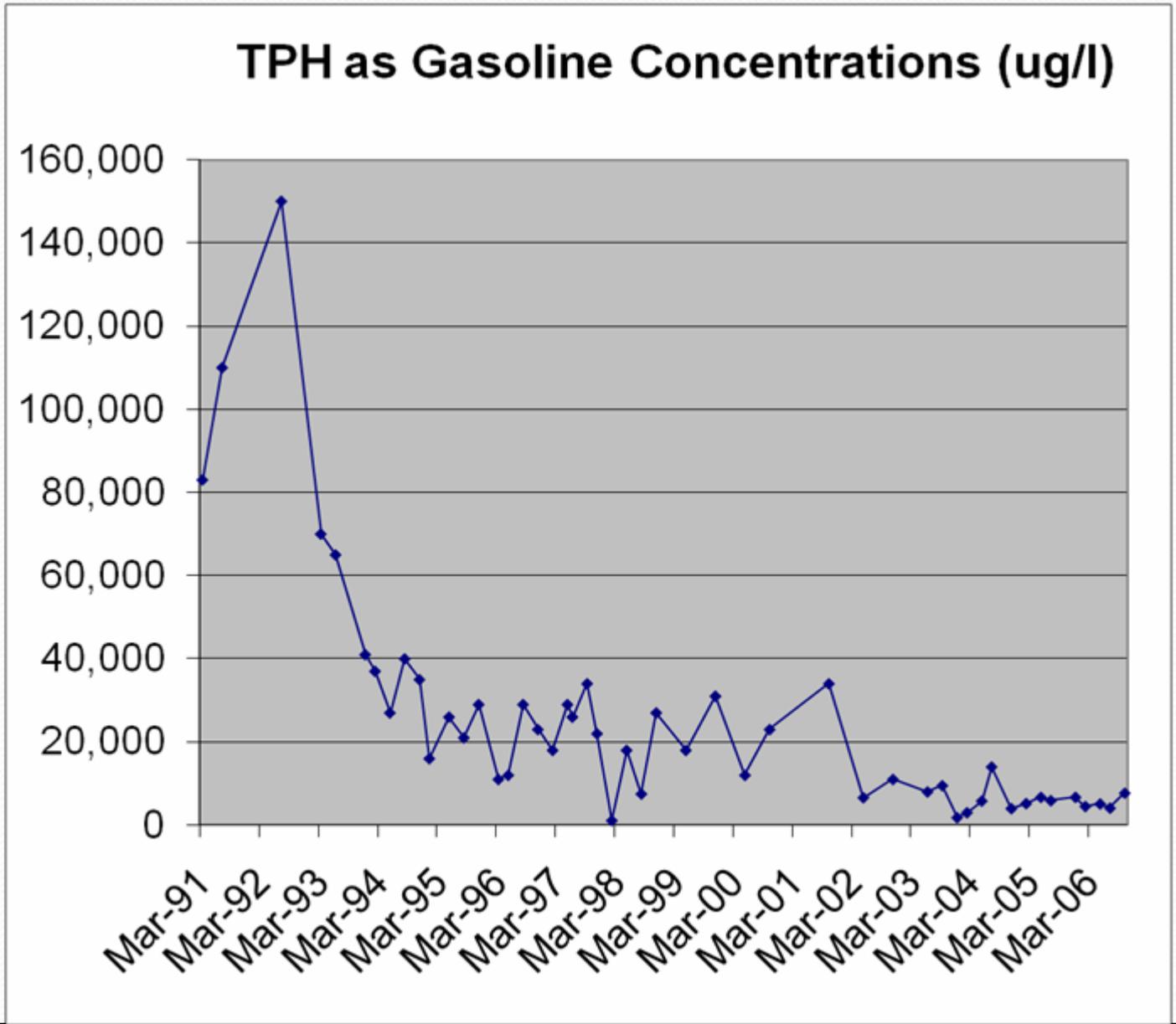
1. This Comment was referring to the inoculated tracer gas possibly escaping in the wind condition.



Sampling Date	TPH as Gasoline
3/5/1991	83,000
7/31/1991	110,000
7/1/1992	150,000
3/25/1993	70,000
6/2/1993	65,000
12/1/1993	41,000
2/16/1994	37,000
5/5/1994	27,000
8/16/1994	40,000
11/22/1994	35,000
1/31/1995	16,000
5/17/1995	26,000
8/15/1995	21,000
11/22/1995	29,000
3/5/1996	11,000
5/16/1996	12,000
8/29/1996	29,000
11/25/1996	23,000
2/20/1997	18,000
5/8/1997	29,000
6/21/1997	26,000
9/24/1997	34,000
11/14/1997	22,000
2/6/1998	1,100
5/26/1998	18,000
8/3/1998	7,500
11/6/1998	27,000
5/5/1999	18,000
11/10/1999	31,000
5/24/2000	12,000
10/19/2000	23,000
10/29/2001	34,000
5/28/2002	6,600
11/13/2002	11,000
6/30/2003	8,000
9/30/2003	9,500
12/29/2003	1,800
2/23/2004	3,000
5/24/2004	5,800
7/29/2004	14,000
11/18/2004	4,000
2/2/2005	5,200
5/9/2005	6,700
7/28/2005	5,900
12/7/2005	6,700
2/22/2006	4,500
5/10/2006	5,100
7/20/2006	4,100
10/18/2006	7,700

MONITORING/EXTRACTION WELL MW-1

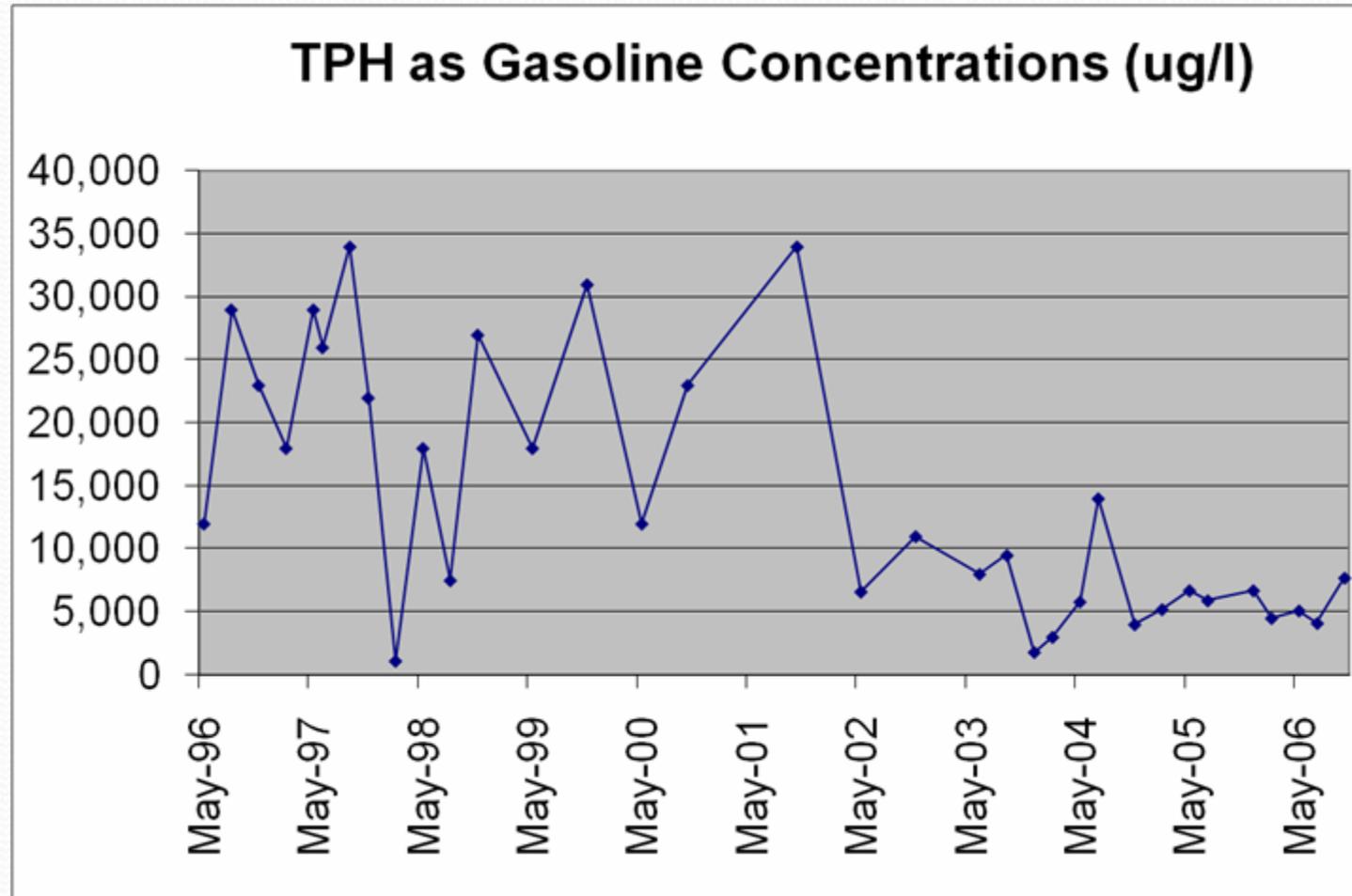
March 1, 1991 to October 18, 2006



Sampling Date	TPH as Gasoline
5/16/1996	12,000
8/29/1996	29,000
11/25/1996	23,000
2/20/1997	18,000
5/8/1997	29,000
6/21/1997	26,000
9/24/1997	34,000
11/14/1997	22,000
2/6/1998	1,100
5/26/1998	18,000
8/3/1998	7,500
11/6/1998	27,000
5/5/1999	18,000
11/10/1999	31,000
5/24/2000	12,000
10/19/2000	23,000
10/29/2001	34,000
5/28/2002	6,600
11/13/2002	11,000
6/30/2003	8,000
9/30/2003	9,500
12/29/2003	1,800
2/23/2004	3,000
5/24/2004	5,800
7/29/2004	14,000
11/18/2004	4,000
2/2/2005	5,200
5/9/2005	6,700
7/28/2005	5,900
12/7/2005	6,700
2/22/2006	4,500
5/10/2006	5,100
7/20/2006	4,100
10/18/2006	7,700

MONITORING/EXTRACTION WELL MW-1

May 16, 1996 to October 18, 2006

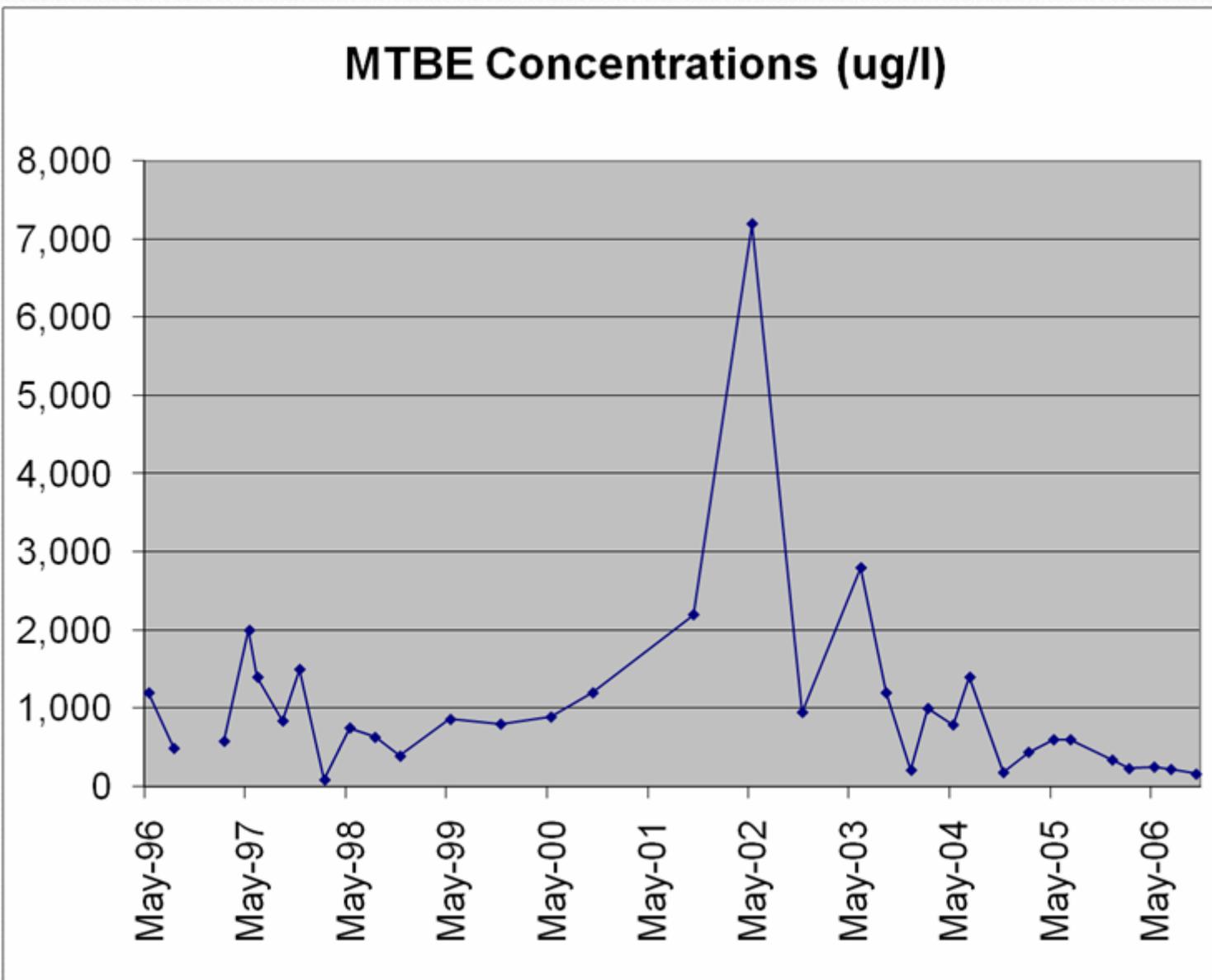


MONITORING/EXTRACTION WELL

MW-1

May 16, 1996 to October 18, 2006

MTBE Concentrations (ug/l)

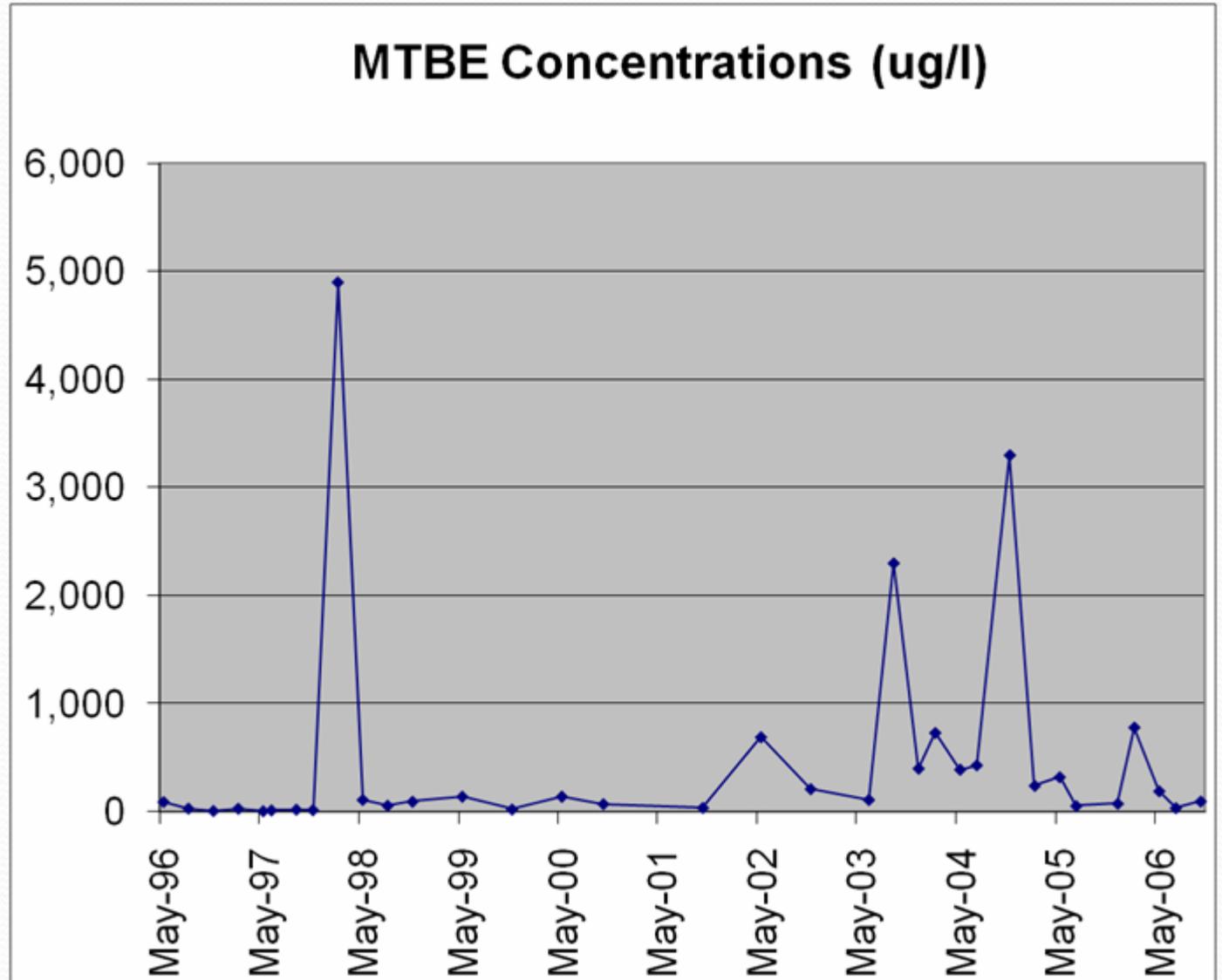


Sampling Date	TPH as Gasoline
5/16/1996	1,200
8/29/1996	490
11/25/1996	
2/20/1997	580
5/8/1997	2,000
6/21/1997	1,400
9/24/1997	840
11/14/1997	1,500
2/6/1998	86
5/26/1998	750
8/3/1998	630
11/6/1998	390
5/5/1999	860
11/10/1999	800
5/24/2000	890
10/19/2000	1,200
10/29/2001	2,200
5/28/2002	7,200
11/13/2002	950
6/30/2003	2,800
9/30/2003	1,200
12/29/2003	210
2/23/2004	1,000
5/24/2004	790
7/29/2004	1,400
11/18/2004	180
2/2/2005	440
5/9/2005	600
7/28/2005	600
12/7/2005	340
2/22/2006	230
5/10/2006	250
7/20/2006	220
10/18/2006	160

Sampling Date	TPH as Gasoline
5/16/1996	91
8/29/1996	30
11/25/1996	8
2/20/1997	29
5/8/1997	6
6/21/1997	13
9/24/1997	20
11/14/1997	15
2/6/1998	4,900
5/26/1998	110
8/3/1998	56
11/6/1998	93
5/5/1999	140
11/10/1999	21
5/24/2000	140
10/19/2000	71
10/29/2001	36
5/28/2002	690
11/13/2002	210
6/30/2003	110
9/30/2003	2,300
12/29/2003	400
2/23/2004	730
5/24/2004	390
7/29/2004	430
11/18/2004	3,300
2/2/2005	240
5/9/2005	320
7/28/2005	53
12/7/2005	74
2/22/2006	780
5/10/2006	190
7/20/2006	34
10/18/2006	95

MONITORING WELL MW-2

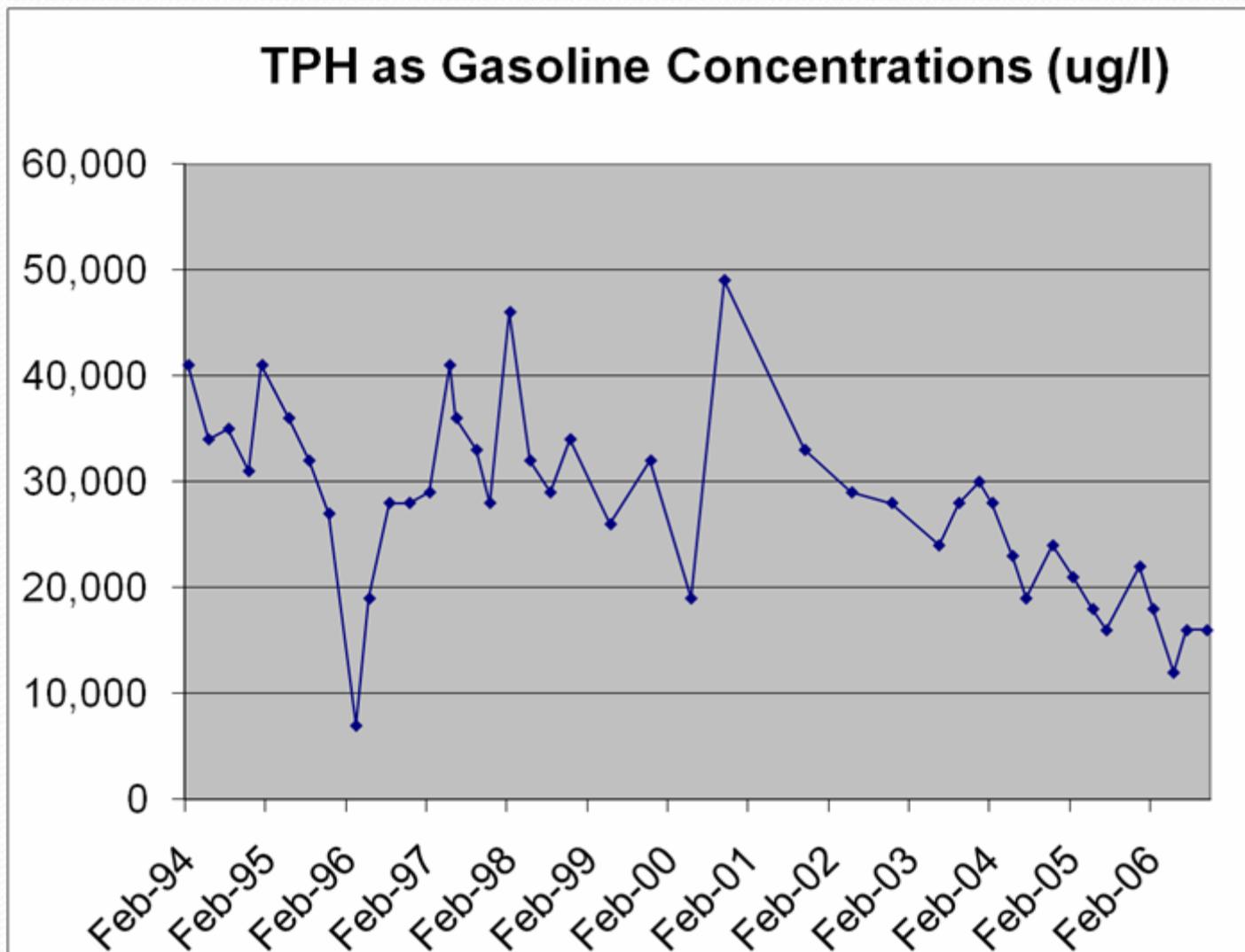
May 16, 1996 to October 18, 2006



Sampling Date	TPH as Gasoline
2/16/1994	41,000
5/5/1994	34,000
8/16/1994	35,000
11/22/1994	31,000
1/31/1995	41,000
5/17/1995	36,000
8/15/1995	32,000
11/22/1995	27,000
3/5/1996	7,000
5/16/1996	19,000
8/29/1996	28,000
11/25/1996	28,000
2/20/1997	29,000
5/8/1997	41,000
6/21/1997	36,000
9/24/1997	33,000
11/14/1997	28,000
2/6/1998	46,000
5/26/1998	32,000
8/3/1998	29,000
11/6/1998	34,000
5/5/1999	26,000
11/10/1999	32,000
5/24/2000	19,000
10/19/2000	49,000
10/29/2001	33,000
5/28/2002	29,000
11/13/2002	28,000
6/30/2003	24,000
9/30/2003	28,000
12/29/2003	30,000
2/23/2004	28,000
5/24/2004	23,000
7/29/2004	19,000
11/18/2004	24,000
2/2/2005	21,000
5/9/2005	18,000
7/28/2005	16,000
12/7/2005	22,000
2/22/2006	18,000
5/10/2006	12,000
7/20/2006	16,000
10/18/2006	16,000

MONITORING/EXTRACTION WELL MW-3

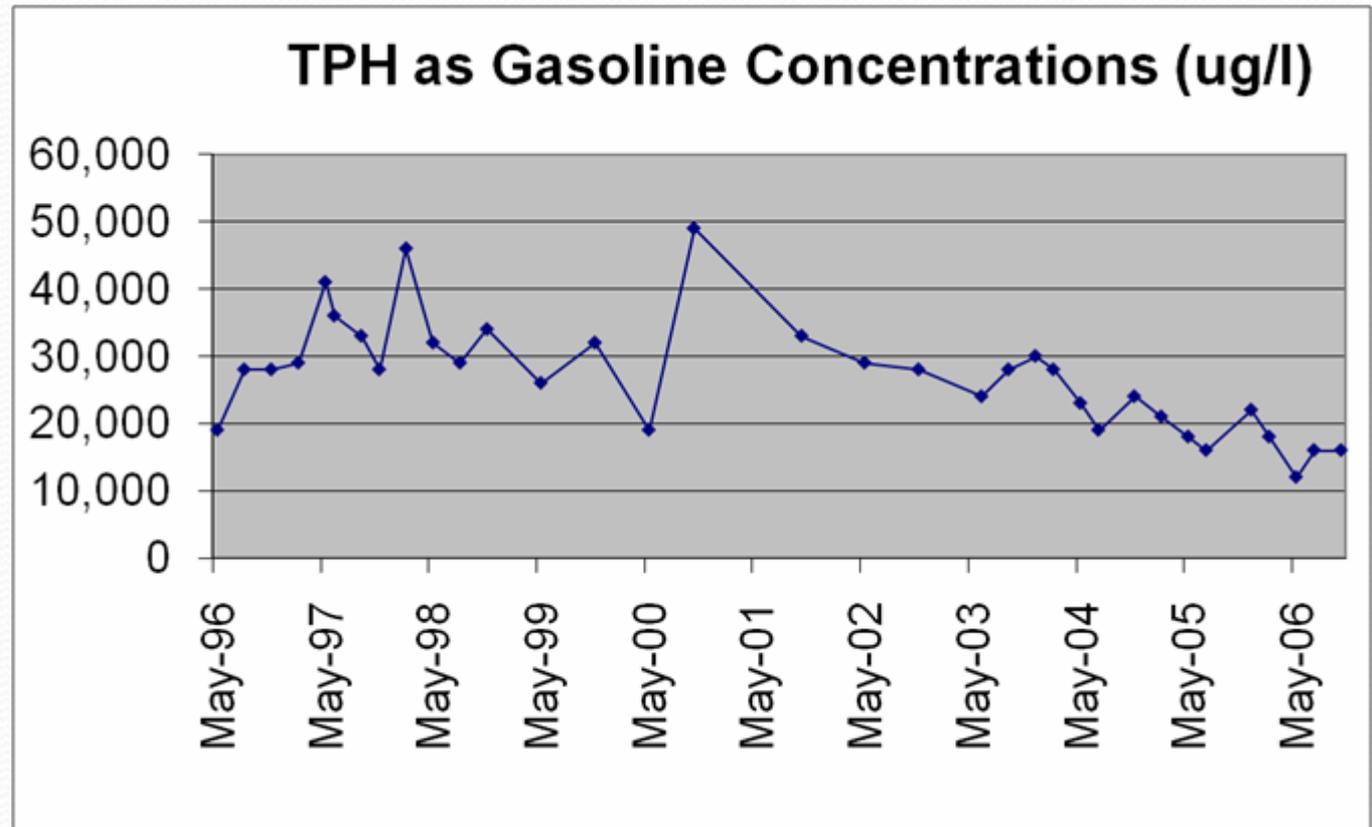
February 6, 1994 to October 18, 2006



Sampling Date	TPH as Gasoline
5/16/1996	19,000
8/29/1996	28,000
11/25/1996	28,000
2/20/1997	29,000
5/8/1997	41,000
6/21/1997	36,000
9/24/1997	33,000
11/14/1997	28,000
2/6/1998	46,000
5/26/1998	32,000
8/3/1998	29,000
11/6/1998	34,000
5/5/1999	26,000
11/10/1999	32,000
5/24/2000	19,000
10/19/2000	49,000
10/29/2001	33,000
5/28/2002	29,000
11/13/2002	28,000
6/30/2003	24,000
9/30/2003	28,000
12/29/2003	30,000
2/23/2004	28,000
5/24/2004	23,000
7/29/2004	19,000
11/18/2004	24,000
2/2/2005	21,000
5/9/2005	18,000
7/28/2005	16,000
12/7/2005	22,000
2/22/2006	18,000
5/10/2006	12,000
7/20/2006	16,000
10/18/2006	16,000

MONITORING/EXTRACTION WELL MW-3

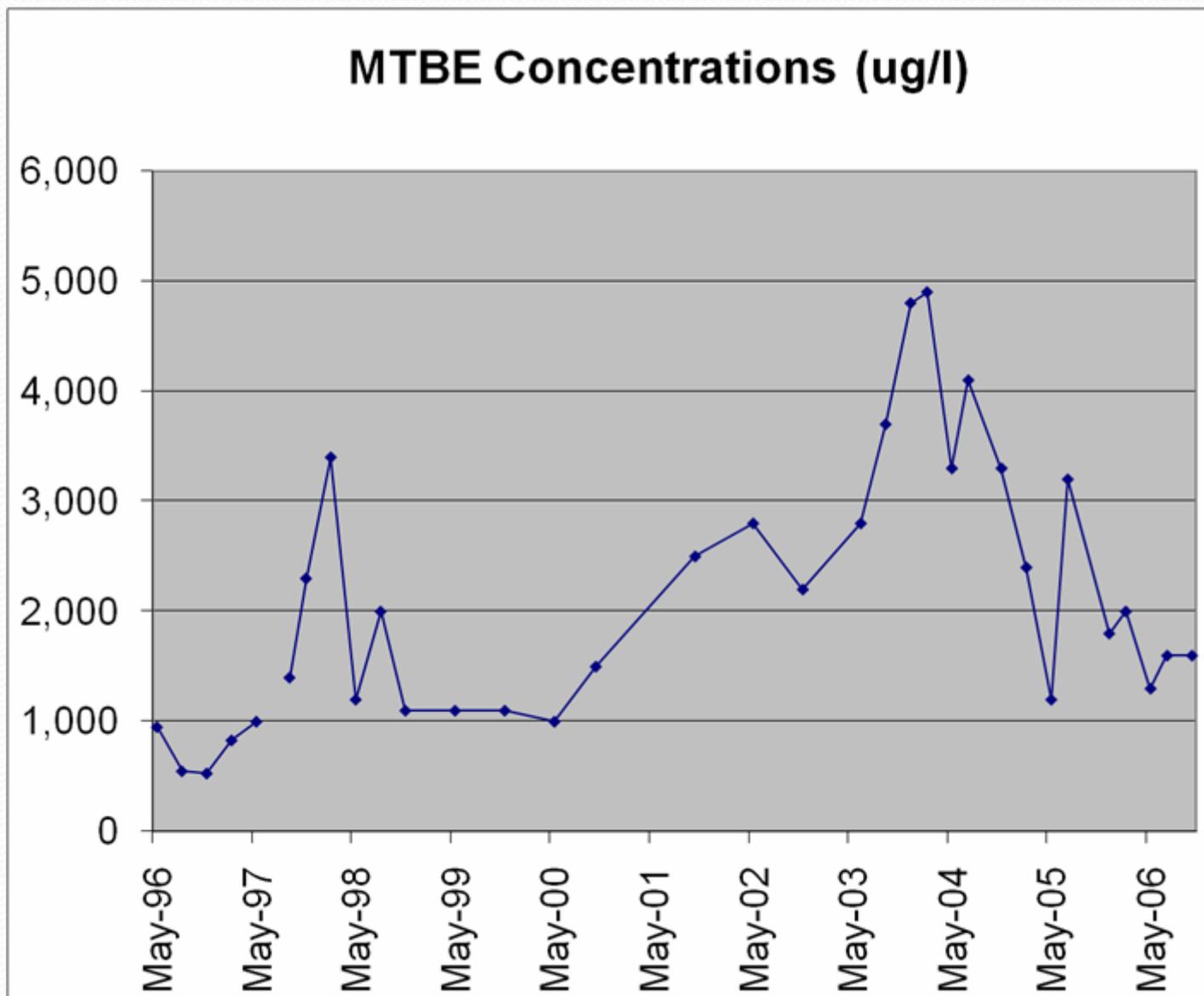
May 16, 1996 to October 18, 2006



Sampling Date	TPH as Gasoline
5/16/1996	950
8/29/1996	550
11/25/1996	530
2/20/1997	830
5/8/1997	1,000
6/21/1997	
9/24/1997	1,400
11/14/1997	2,300
2/6/1998	3,400
5/26/1998	1,200
8/3/1998	2,000
11/6/1998	1,100
5/5/1999	1,100
11/10/1999	1,100
5/24/2000	1,000
10/19/2000	1,500
10/29/2001	2,500
5/28/2002	2,800
11/13/2002	2,200
6/30/2003	2,800
9/30/2003	3,700
12/29/2003	4,800
2/23/2004	4,900
5/24/2004	3,300
7/29/2004	4,100
11/18/2004	3,300
2/2/2005	2,400
5/9/2005	1,200
7/28/2005	3,200
12/7/2005	1,800
2/22/2006	2,000
5/10/2006	1,300
7/20/2006	1,600
10/18/2006	1,600

MONITORING/EXTRACTION WELL MW-3

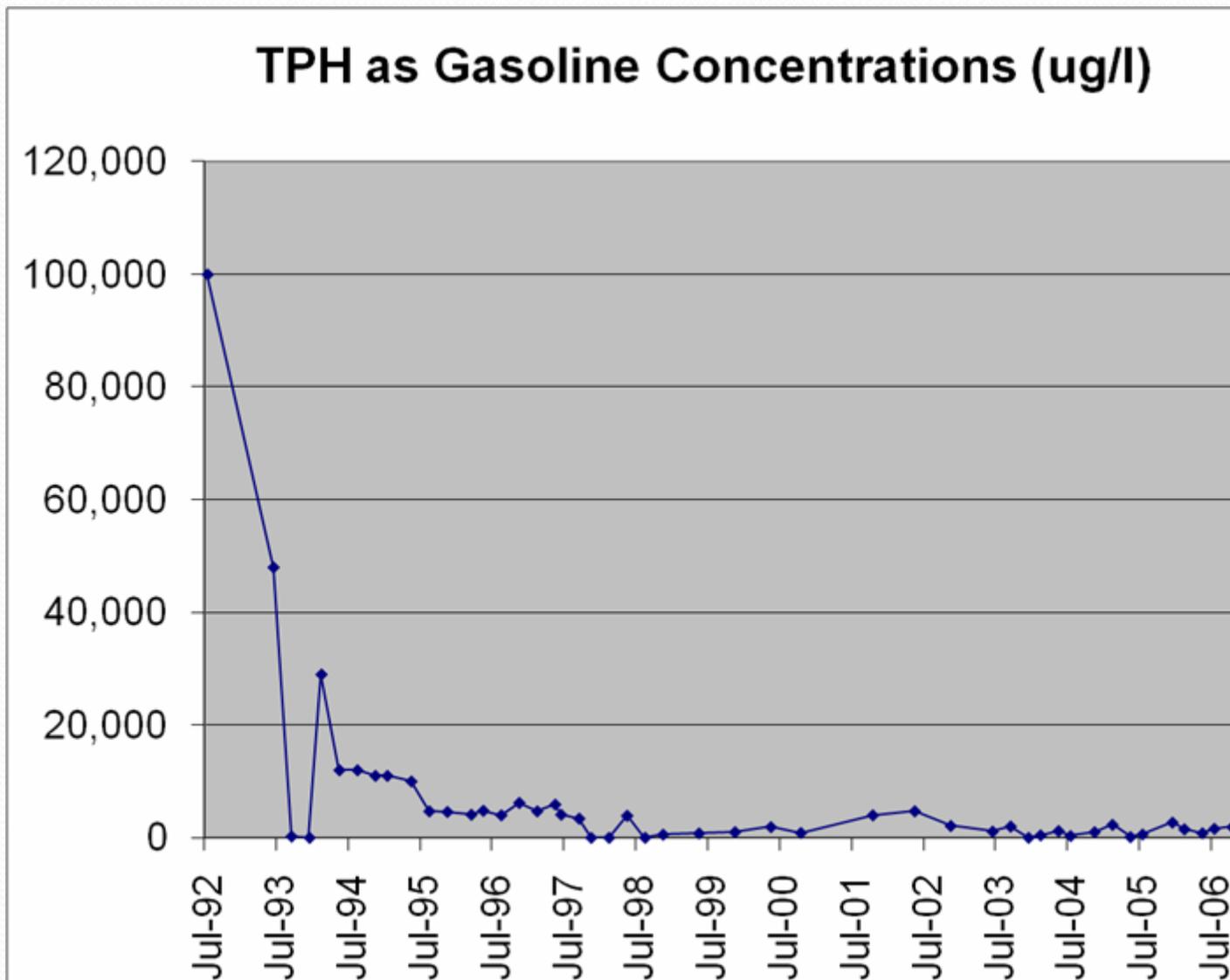
May 16, 1996 to October 18, 2006



Sampling Date	TPH as Gasoline
7/1/1992	100,000
6/2/1993	48,000
9/1/1993	240
12/1/1993	<50
2/16/1994	29,000
5/5/1994	12,000
8/16/1994	12,000
11/22/1994	11,000
1/31/1995	11,000
5/17/1995	10,000
8/15/1995	4,700
11/22/1995	4,600
3/5/1996	4,100
5/16/1996	4,800
8/29/1996	4,000
11/25/1996	6,200
2/20/1997	4,700
5/8/1997	5,900
6/21/1997	4,100
9/24/1997	3,400
11/14/1997	<50
2/6/1998	<50
5/26/1998	3,900
8/3/1998	<50
11/6/1998	560
5/5/1999	780
11/10/1999	1,000
5/24/2000	1,900
10/19/2000	860
10/29/2001	4,000
5/28/2002	4,700
11/13/2002	2,100
6/30/2003	1,100
9/30/2003	2,000
12/29/2003	<50
2/23/2004	440
5/24/2004	1,200
7/29/2004	310
11/18/2004	1,000
2/2/2005	2,300
5/9/2005	130
7/28/2005	590
12/7/2005	2,700
2/22/2006	1,500
5/10/2006	800
7/20/2006	1,600
10/18/2006	1,900

MONITORING/EXTRACTION WELL MW-4

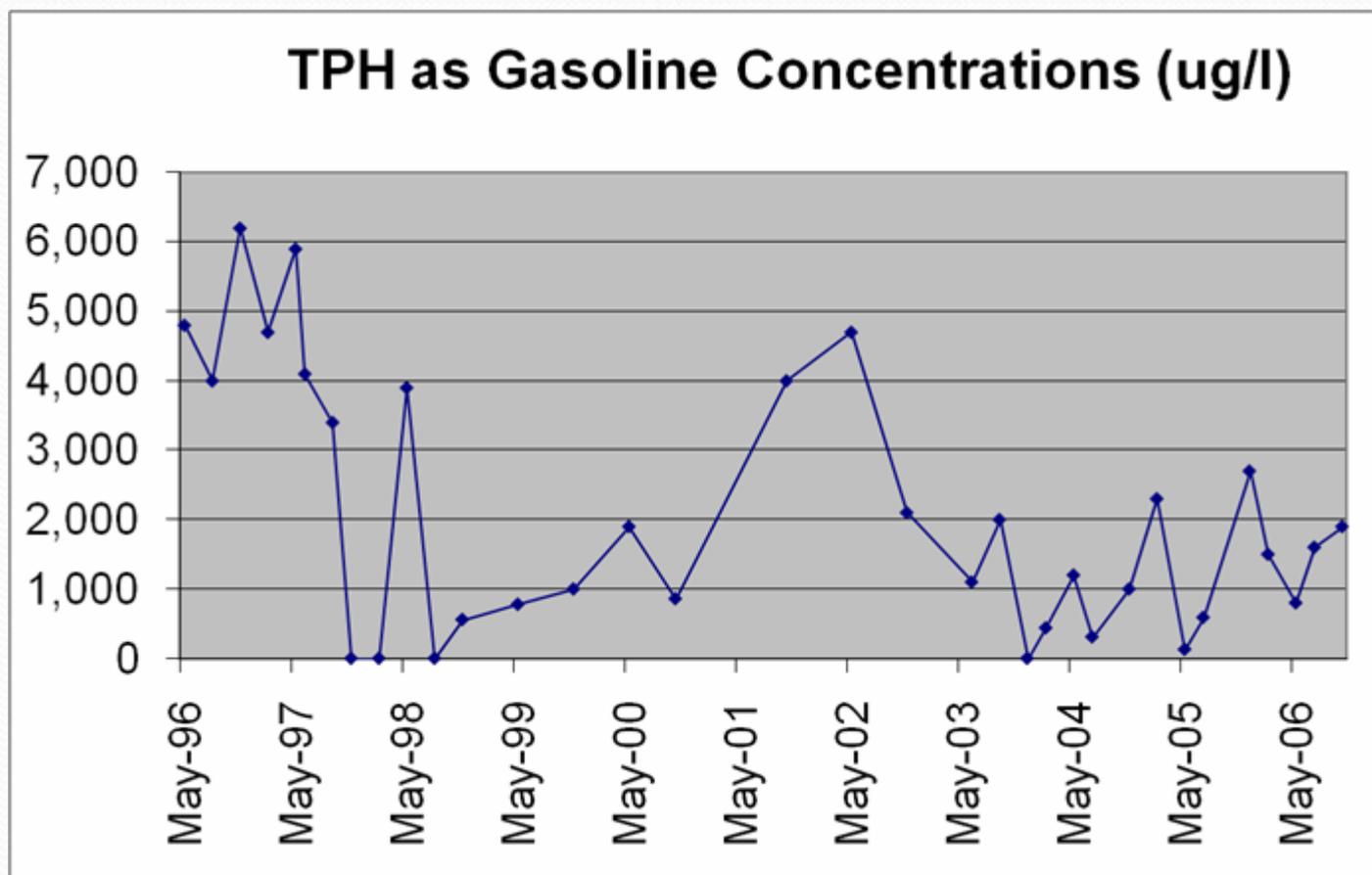
July 1, 1992 to October 18, 2006



Sampling Date	TPH as Gasoline
5/16/1996	4,800
8/29/1996	4,000
11/25/1996	6,200
2/20/1997	4,700
5/8/1997	5,900
6/21/1997	4,100
9/24/1997	3,400
11/14/1997	<50
2/6/1998	<50
5/26/1998	3,900
8/3/1998	<50
11/6/1998	560
5/5/1999	780
11/10/1999	1,000
5/24/2000	1,900
10/19/2000	860
10/29/2001	4,000
5/28/2002	4,700
11/13/2002	2,100
6/30/2003	1,100
9/30/2003	2,000
12/29/2003	<50
2/23/2004	440
5/24/2004	1,200
7/29/2004	310
11/18/2004	1,000
2/2/2005	2,300
5/9/2005	130
7/28/2005	590
12/7/2005	2,700
2/22/2006	1,500
5/10/2006	800
7/20/2006	1,600
10/18/2006	1,900

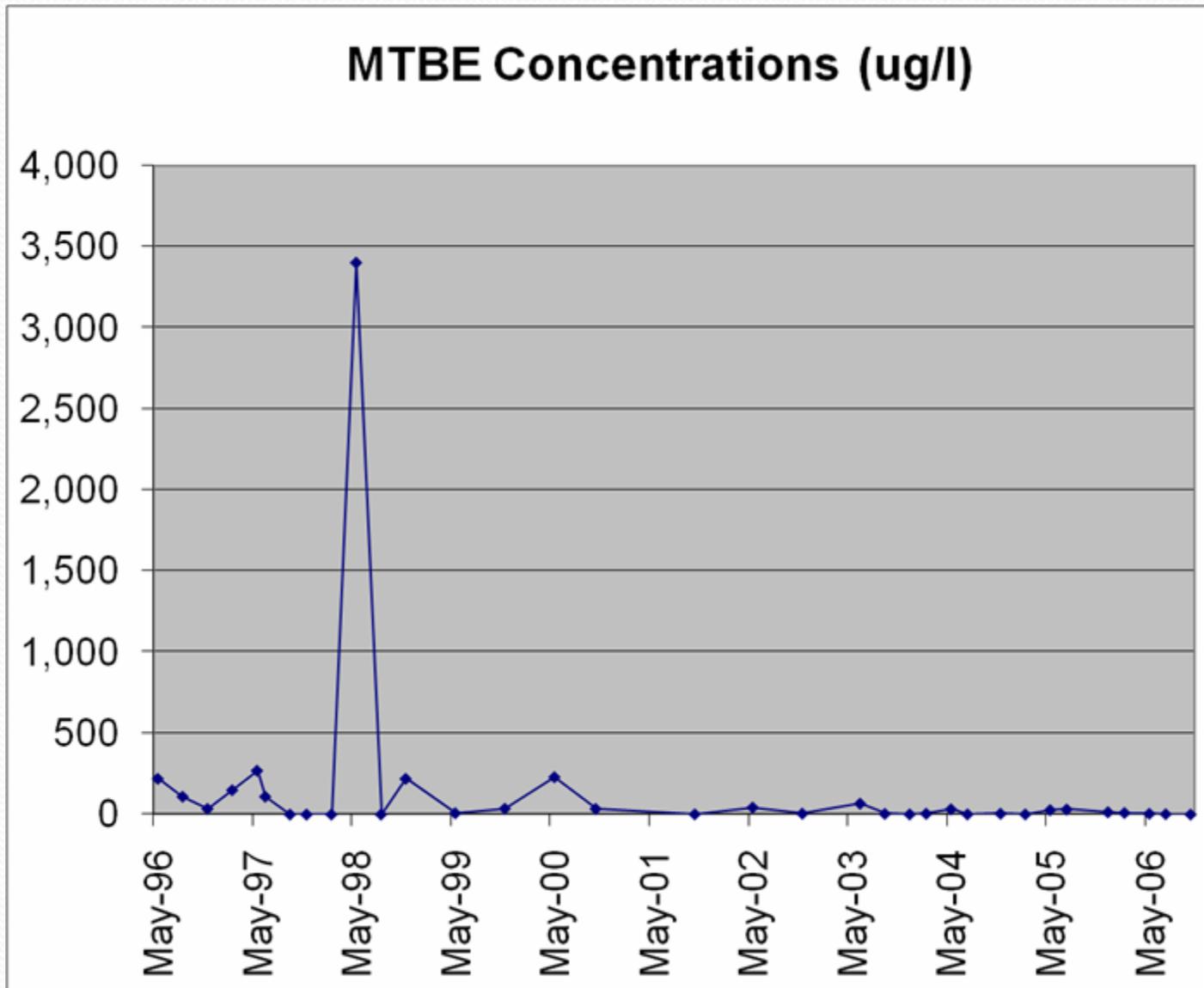
MONITORING/EXTRACTION WELL MW-4

May 16, 1991 to October 18, 2006



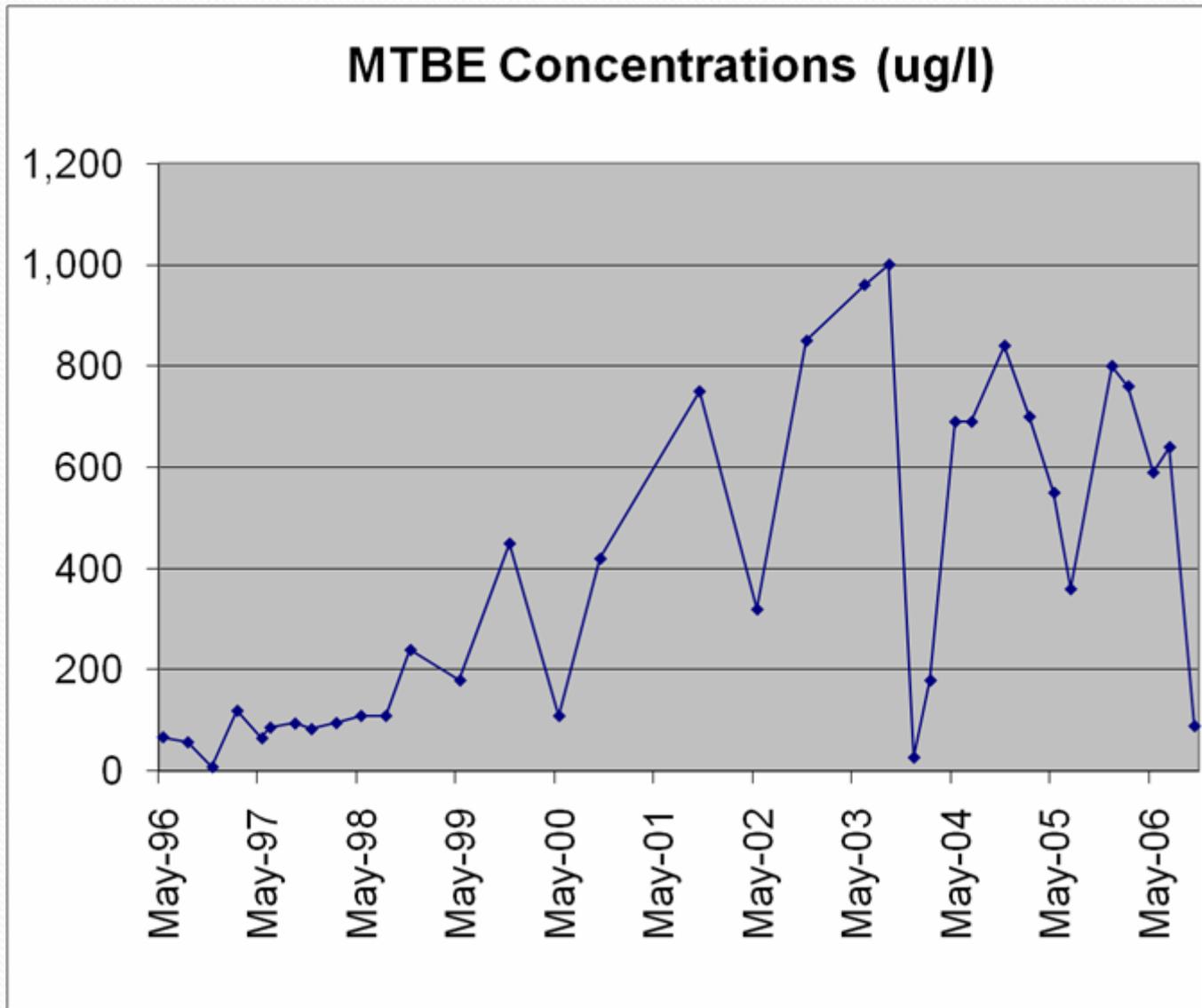
Sampling Date	TPH as Gasoline
5/16/1996	220
8/29/1996	110
11/25/1996	35
2/20/1997	150
5/8/1997	270
6/21/1997	110
9/24/1997	<50
11/14/1997	<5.0
2/6/1998	<5.0
5/26/1998	3,400
8/3/1998	<5.0
11/6/1998	220
5/5/1999	7.8
11/10/1999	36
5/24/2000	230
10/19/2000	35
10/29/2001	1.3
5/28/2002	43
11/13/2002	5.2
6/30/2003	67
9/30/2003	4.0
12/29/2003	1.1
2/23/2004	4.6
5/24/2004	32
7/29/2004	0.91
11/18/2004	4.7
2/2/2005	0.86
5/9/2005	27
7/28/2005	31
12/7/2005	14
2/22/2006	9.6
5/10/2006	4.4
7/20/2006	2.1
10/18/2006	<0.5

MONITORING WELL MW-4
May 16, 1996 to October 18, 2006



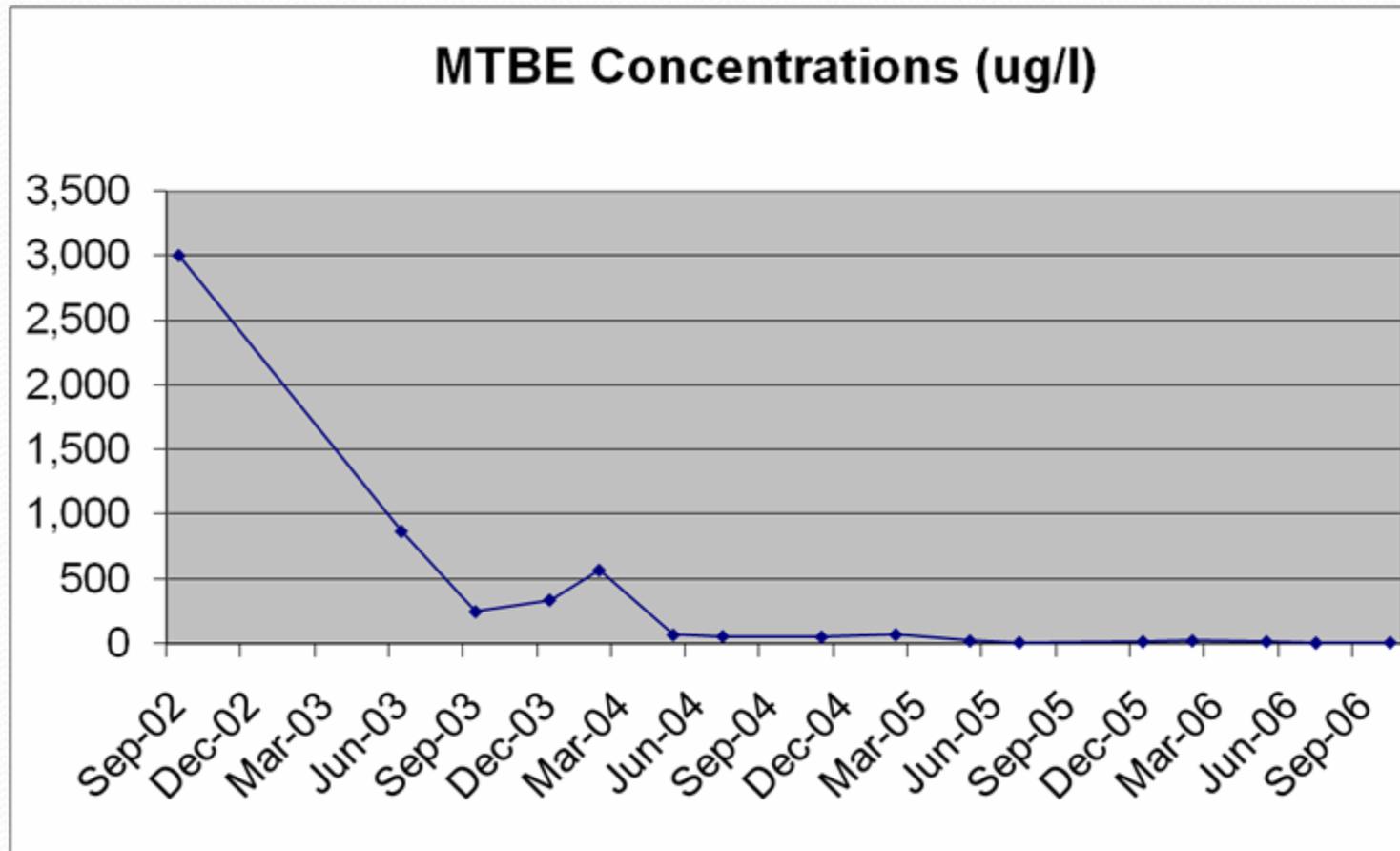
Sampling Date	TPH as Gasoline
5/16/1996	68
8/29/1996	58
11/25/1996	9.0
2/20/1997	120
5/8/1997	66
6/21/1997	87
9/24/1997	95
11/14/1997	84
2/6/1998	96
5/26/1998	110
8/3/1998	110
11/6/1998	240
5/5/1999	180
11/10/1999	450
5/24/2000	110
10/19/2000	420
10/29/2001	750
5/28/2002	320
11/13/2002	850
6/30/2003	960
9/30/2003	1,000
12/29/2003	28
2/23/2004	180
5/24/2004	690
7/29/2004	690
11/18/2004	840
2/2/2005	700
5/9/2005	550
7/28/2005	360
12/7/2005	800
2/22/2006	760
5/10/2006	590
7/20/2006	640
10/18/2006	90

MONITORING WELL MW-5
 May 16, 1996 to October 18, 2006



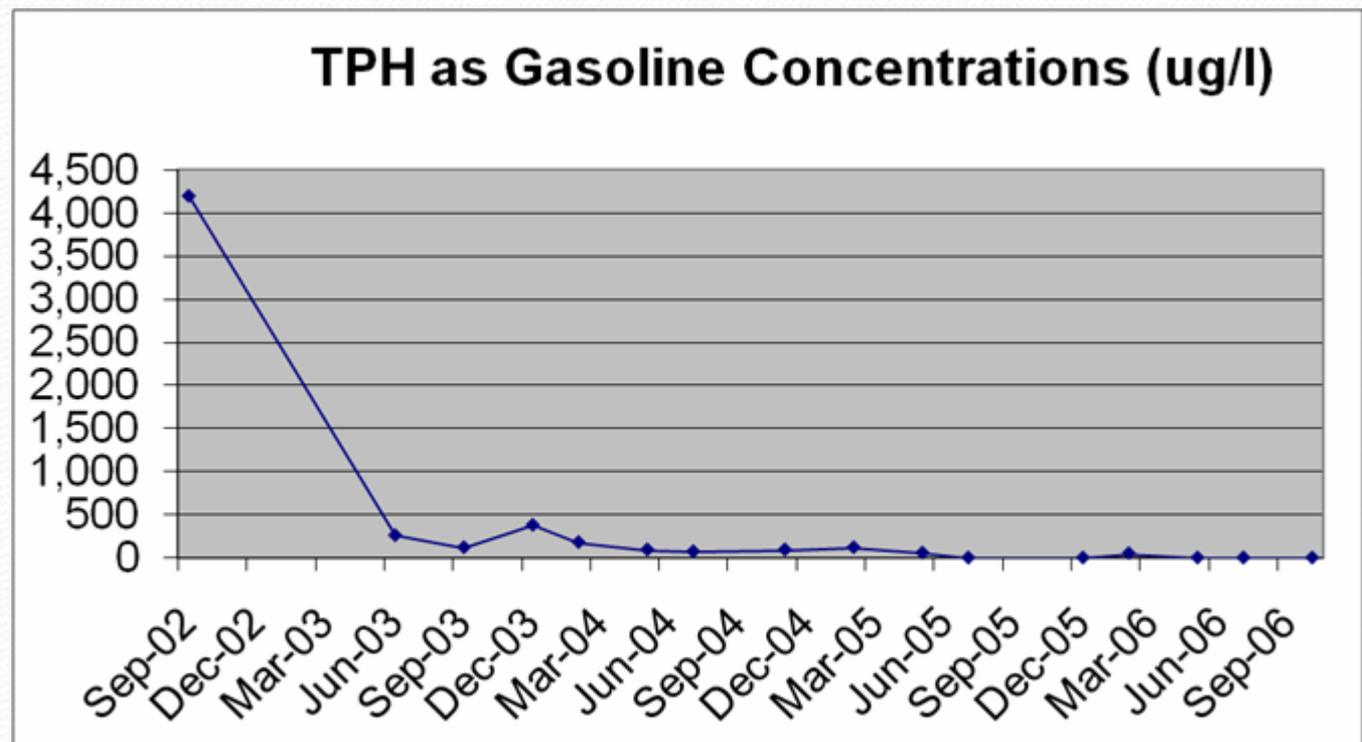
Sampling Date	TPH as Gasoline
9/20/2002	3,000
6/30/2003	870
9/30/2003	250
12/29/2003	340
2/23/2004	570
5/24/2004	70
7/29/2004	59
11/18/2004	54
2/2/2005	72
5/9/2005	24
7/28/2005	12
12/7/2005	18
2/22/2006	25
5/10/2006	18
7/20/2006	8.0
10/18/2006	11

MONITORING WELL MW-8
September 20, 2002 to October 18, 2006



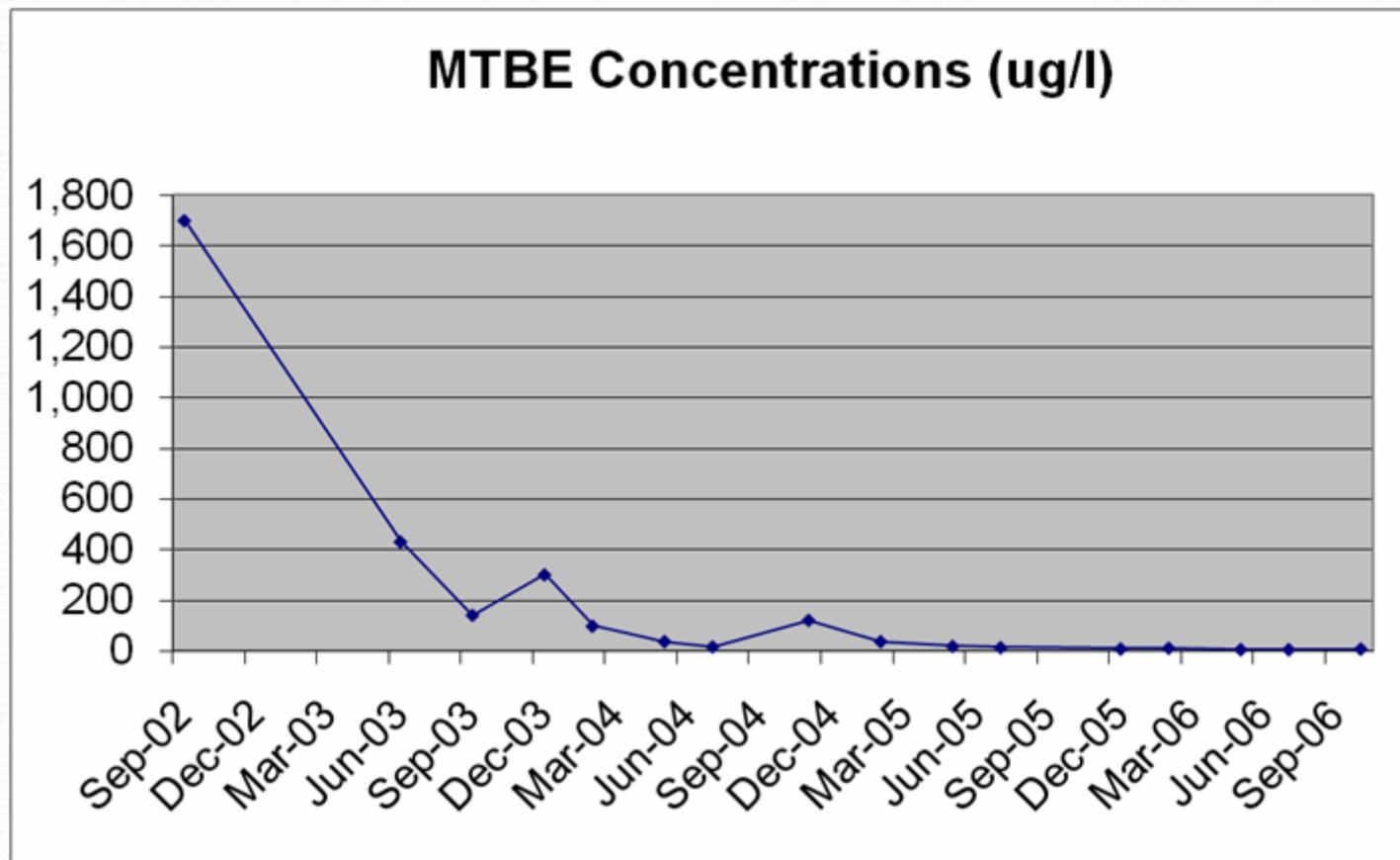
Sampling Date	TPH as Gasoline
9/20/2002	4,200
6/30/2003	260
9/30/2003	120
12/29/2003	380
2/23/2004	180
5/24/2004	94
7/29/2004	72
11/18/2004	93
2/2/2005	120
5/9/2005	56
7/28/2005	<50
12/7/2005	<50
2/22/2006	51
5/10/2006	<50
7/20/2006	<50
10/18/2006	<50

MONITORING WELL MW-9
September 20, 2002 to October 18, 2006



Sampling Date	TPH as Gasoline
9/20/2002	1,700
6/30/2003	430
9/30/2003	140
12/29/2003	300
2/23/2004	97
5/24/2004	36
7/29/2004	15
11/18/2004	120
2/2/2005	36
5/9/2005	17
7/28/2005	12
12/7/2005	7.0
2/22/2006	10
5/10/2006	4.4
7/20/2006	4.0
10/18/2006	6.3

MONITORING WELL MW-9
September 20, 2002 to October 18, 2006





Western Regional Climate Center



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- **Hours:**
Monday - Friday 8am-4pm
- wrcc@dri.edu

Period of Record Statistics

MEAN	6.26	5.23	4.11	1.79	0.79	0.23	0.03	0.09	0.34	1.63	3.94	5.22	30.01
S.D.	3.99	4.06	3.35	1.55	1.05	0.40	0.14	0.23	0.71	1.89	3.02	3.87	9.66
SKEW	0.98	1.07	1.09	1.27	1.64	2.64	7.06	2.92	3.39	1.68	0.73	0.90	1.05
MAX	20.29	18.89	13.77	6.87	3.90	2.28	1.11	1.02	4.10	9.12	12.95	16.87	63.45
MIN	0.36	0.08	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	11.34
NO YRS	65	64	61	63	65	66	64	65	63	63	64	65	52

YEAR(S)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1968	7.34	3.69	3.92	0.27	0.47	0.00	0.00	0.27	0.00	1.98	3.15	7.95	29.04
1969	8.01	9.09	1.66	2.27	0.00	0.10	0.00	0.00	0.00	1.80	1.08	8.23	32.24
1970	16.31	2.93	2.16	0.24	0.00	0.48	0.00	0.00	0.00	1.54	10.71	8.47	42.84
1971	2.43	0.44	3.99	0.74	0.28	0.00	0.00	0.00	0.12	0.23	2.64	6.17	17.04
1972	3.16	2.06	0.26	1.27	0.10	0.22	0.00	0.00	0.85	4.58	6.92	4.29	23.71
1973	13.79	8.60	3.76	0.03	0.05	0.00	0.00	0.00	0.63	1.73	12.95	5.40	46.94
1974	5.34	2.41	6.04	3.05	0.00	0.00	1.11	0.01	0.00	1.39	0.56	4.14	24.05
1975	3.12	10.93	7.34	1.56	0.05	0.05	0.18	0.05	0.00	4.73	1.19	0.89	30.09
1976	0.36	2.78	1.23	1.83	0.02	0.03	0.00	0.98	0.67	0.50	1.92	1.02	11.34
1977	1.74	1.43	2.42	0.22	1.47	0.01	0.00	0.00	0.71	0.62	8.04	6.91	23.57
1978	11.02	6.01	6.19	3.39	0.06	0.00	0.00	0.00	0.40	0.00	2.51	0.77	30.35
1979	12.12	6.81	2.12	1.55	0.56	0.00	0.00	0.00	0.00	0.00z	5.04	6.39	34.59
1980	7.99	10.62	1.55	1.89	0.25	0.14	0.18	0.00	0.00	0.26	0.33	2.39	25.60
1981	5.90	2.15	5.82	0.30	0.21	0.00	0.00	0.00	0.20	2.51	7.49	10.40	34.98
1982	11.97	6.10	8.72	3.69	0.00	0.05	0.00	0.00	1.20	3.15	8.78	3.53	47.19
1983	9.28	13.61	13.77	3.82	0.40	0.00	0.00	0.83	0.66	0.73	9.07	11.28	63.45
1984	0.49	2.48	2.05	1.92	0.00z	0.45	0.01	0.35	0.00	2.48	10.04	1.80	22.07
1985	1.42	3.04	0.00z	0.00z	0.00z	0.00z	0.00z	0.00	0.53	1.36	3.62	2.78	12.75
1986	6.47	14.80	7.62	0.42	0.30	0.00	0.00	0.00	1.28	0.31	0.21	2.35	33.76
1987	5.52	5.22	3.90	0.12	0.21	0.00	0.00	0.00	0.00	1.59	5.08	8.29	29.93
1988	6.54	0.54	0.12	1.67	0.88	0.24	0.00	0.00	0.00	0.19	5.36a	3.88	19.42
1989	1.50	1.61	10.08	0.79	0.06	0.06	0.00	0.00	1.77	2.23	1.71a	0.01	19.82
1990	6.92	3.40	1.43	0.35	3.68	0.00	0.00	0.02	0.05	0.45	0.51	1.26	18.07
1991	0.69	4.19	10.51	0.74	0.16	0.53	0.03	0.36	0.00	3.02	1.23	2.54	24.00
1992	2.21	9.82	7.01	0.90	0.00	0.92	0.00	0.00	0.03	4.47	0.40	9.79	35.55
1993	10.79	7.71	2.67	1.52	2.05b	0.88	0.00a	0.00	0.00	1.82	3.32a	3.13b	33.89
1994	3.35a	5.46	0.23	1.32	1.37	0.05	0.00	0.00	0.00	0.59	6.49a	3.91	22.77
1995	20.29b	0.82	13.29	1.33	1.89	1.04	0.00	0.00	0.00	0.00	0.25	9.95	48.86
1996	8.95	8.27	2.61	3.49	3.37	0.00	0.00	0.00	0.17	2.17	3.49	13.11	45.63
1997	10.35a	0.65	1.02	0.78	0.39	0.27	0.00	1.02	0.21	1.25	7.48	3.55	26.97
1998	12.01a	18.89	2.31	2.35	3.90	0.16	0.00	0.00	0.05	0.85	5.67	1.44	47.63
1999	4.21	11.33	4.13	2.62	0.05	0.03	0.00	0.00	0.12	0.94	3.19	0.88	27.50
2000	5.71	10.80	2.73	2.58	1.72	0.29	0.00	0.02	0.14	2.64	1.21a	1.59	29.43
2001	3.37	4.74	1.73	0.89	0.00	0.05	0.00	0.00	0.35a	0.75	8.58a	10.99a	31.45
2002	3.98a	2.53	2.66	0.48	1.23	0.00	0.00	0.00	0.00	0.00	3.95	9.97a	24.80
2003	2.99c	2.29	2.38	4.67	1.10	0.00	0.00	0.00	0.00	0.00	2.88a	7.95	24.26
2004	3.00a	6.31a	1.06	0.44	0.07	0.00	0.00	0.00	0.11	5.20	2.31a	10.43b	28.93
2005	5.66a	4.36	4.78	1.73	3.73	0.34	0.00	0.00	0.00	0.51	2.39a	15.22a	38.72
2006	5.38a	4.11	8.01	5.43	0.83	0.00	0.00	0.00	0.00	0.55	4.20	4.60	33.11
2007	0.47	5.93	0.03	2.05	0.37	0.00	0.03	0.00	0.15	2.03	0.65a	4.24a	15.95
2008	11.01a	3.82	0.21	0.15	0.21	0.00	0.00z	0.00z	0.00z	0.00z	0.00z	0.00z	15.40

Monthly Precipitation, Sonoma California

**Corresponds to data published by the Western Regional Climate Center.