

December 9, 2002

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Alameda County
JAN 14 2003
Environmental Health

Attention: Eva Chu

Subject: Report of Groundwater Monitoring Activities
Dublin Toyota UST Site
6450 Dublin Court, Dublin, California
Alameda County LOP Site ID No. 699
GA Project No. 147-01-01

Ladies and Gentlemen:

Gribi Associates is pleased to submit this groundwater monitoring report on behalf of Dublin Toyota for the underground storage tank (UST) site located at 6450 Dublin Court in Dublin, California (see Figure 1 and Figure 2). This letter report documents groundwater monitoring activities conducted at the site on May 29, 2002 and November 20, 2002.

DESCRIPTION OF SAMPLING ACTIVITIES

On May 29, 2002 and November 20, 2002, Mr. Eric Hetrick conducted groundwater monitoring activities for three site wells (MW-1, MW-2 and MW-3). Groundwater monitoring was conducted in accordance with California LUFT Field Manual guidelines as follows:

- All wells were opened, and water levels were measured to the nearest 0.01 foot using an electronic probe.
- For each well, a single bail of groundwater was taken using a clean PVC bailer to check for the presence or absence of floating free product.
- Prior to sampling, each well was purged of approximately three well volumes using either a 12-volt peristaltic pump (small diameter wells) or a 12-volt purge pump (two-inch and four-inch diameter wells). During purging, temperature, pH, conductivity, and visible clarity were monitored. Groundwater sampling data sheets for each well are contained in Appendix A.
- After purging parameters had stabilized, groundwater was poured directly into laboratory-supplied containers. Each container was then tightly sealed, making sure that no air bubbles were present. Each container was then labeled and placed in cold storage for transport to the analytical laboratory under formal chain-of-custody.

RESULTS OF GROUNDWATER MONITORING

Hydrologic Conditions

Groundwater depths measured in the three monitored wells during the two monitoring events ranged from 5.10 feet below surface grade in MW-3 to 6.65 feet below surface grade in MW-1. Groundwater flow direction for both monitoring events, which is shown on Figures 2 and 3, trends in a southeast direction and appears to be generally related to surface topography. No significant hydrocarbon odors were noted in purged groundwater during the purging and sampling of the groundwater monitoring wells during the two monitoring events. Additionally, no sheen or free-phase product was noted in any of the groundwater monitoring wells sampled during the sampling events.

Laboratory Analytical Results

Groundwater samples from the three wells were analyzed for the following parameters with standard method turn around time on results.

USEPA 8015M Total Petroleum Hydrocarbons as Gasoline (TPH-G)
USEPA 8021B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
USEPA 8260B Methyl-t-butyl Ether (MTBE)
USEPA 8260B Oxygenates & Lead Scavengers (TBA, MTBE, DIPE, ETBE, TAME,
EDB, & 1,1,2-TCA)

Groundwater analytical results are summarized in Table 1. Isoconcentration contours showing the dissolved MTBE plume are shown on Figures 2 and 3. The laboratory data report, which includes laboratory chromatograms for all analyses, is contained in Appendix B.

Table 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
DUBLIN TOYOTA UST SITE

6450 Dublin Court
Dublin, California

Sample ID	Sample Date	GW Elevation	Concentration (ppm)							
			TPH-MO	TPH-G	B	T	E	X	MTBE	OXY
MW-1	12/15/98	323.15	0.110	46	<0.10	<0.10	<0.10	<0.10	62	NA
<328.89>	04/06/99	323.80	<0.100	45	<0.050	<0.050	<0.050	<0.050	86 ¹	NA
	07/14/99	322.71	<0.100	2.8	<0.10	<0.10	<0.10	<0.10	65 ¹	NA
	10/14/99	322.03	<0.100	11	<0.017	<0.017	<0.017	<0.017	98 ¹	NA
	08/18/00	321.91	<0.100	36	<0.050	<0.050	<0.050	<0.050	66 ¹	NA
	05/29/02	322.47	NA	29.1	<0.015	<0.015	<0.015	<0.030	27.8 ¹	0.841 ²
	11/20/02	322.24	NA	0.110	<0.0005	<0.0005	<0.0005	<0.0010	20.0	<0.050
MW-2	12/15/98	323.34	0.570	<0.050	<0.00050	0.00090	<0.00050	0.00150	<0.0050	NA
<327.64>	04/06/99	324.22	<0.100	<0.050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	NA
	7/14/99	322.88	<0.100	<0.050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	NA
	10/14/99	322.16	<0.100	<0.050	<0.00050	<0.00050	<0.00050	<0.00050	<0.0050	NA
	08/18/00	321.92	<0.100	<0.050	<0.00050	<0.00050	<0.00050	0.0011	0.016	NA
	05/29/02	322.46	NA	<0.050	<0.0003	<0.0003	<0.0003	0.0039	0.0026	<0.010
	11/20/02	322.12	NA	0.057	<0.0005	<0.0005	<0.0005	<0.0010	0.0091	<0.050
MW-3	08/18/00	321.77	<0.100	0.210	<0.00050	0.00058	<0.00050	0.00059	0.570 ¹	NA
<327.44>	05/29/02	322.34	NA	<0.050	<0.0003	<0.0003	<0.0003	0.219	0.281	<0.010
	11/20/02	321.88	NA	0.200	<0.0005	<0.0005	<0.0005	<0.0010	0.460	<0.050

GW Elevation = Groundwater mean sea level elevation.
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-t-Butyl Ether
NA = Not analyzed for particular parameter

OXY = Oxygenates (except MTBE), including Ter-Butanol (TBA), Di-isopropyl Ether (DIPE), Ethyl-t-butyl Ether (ETBE), Ethyl Dibromide (EDB), 1,1,2-Trichloroethane (1,1,2-TCA), and Tert-amyl Methyl Ether (TAME) and Lead Scavengers, including 1,2-Dichloroethane and 1,2-Dibromoethane.

<0.050 = Not detected above the expressed value.

<328.89> = Surveyed top of casing mean sea level elevation.

1 = MTBE result was confirmed using USEPA Method 8260B.

2 = Oxygenate identified as TAME

CONCLUSIONS

Laboratory analytical results from the May and November 2002 groundwater sampling events are similar to previous sampling events, continuing to show elevated concentrations of MTBE in groundwater from monitoring well MW-1, and low concentrations of MTBE in groundwater samples from hydraulically downgradient groundwater monitoring well MW-3. While a comparison of the May and November sampling event indicates that MTBE concentrations have decreased in groundwater monitoring well MW-1, significant concentrations of MTBE remain beneath the site.

RECOMMENDATIONS

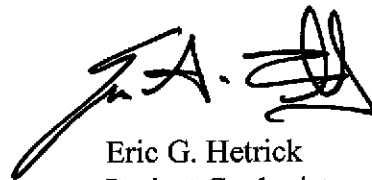
Elevated concentrations of MTBE are present in groundwater just south from the former USTs, in the vicinity of MW-1. It is possible that this MTBE-impacted groundwater plume, if left unremediated, will migrate laterally to the south, affecting groundwater to a greater extent. Given this possibility of plume migration, Gribi Associates recommends the completion of one eight-hour Aggressive Fluid Vapor Recovery (AFVR) event using groundwater monitoring well MW-1 to remove dissolved-phase MTBE concentrations from the subsurface. The AFVR events will consist of high-speed groundwater and subsurface vapor extraction from impacted groundwater monitoring well MW-1 using high negative pressure applied via a vacuum truck. The application of high negative pressure will: (1) Aggressively remove dissolved-phase hydrocarbon-impacted groundwater from the well; and (2) Effectively strip adsorbed hydrocarbons from the vadose zone and groundwater smear zone. Approximately two weeks following the AFVR event, Gribi Associates will collect another round of groundwater samples from the on-site monitoring wells to monitor the effectiveness of the AFVR technology.

Upon your approval, Gribi Associates will prepare a workplan detailing activities proposed to complete the AFVR and groundwater monitoring events.

We appreciate this opportunity to provide this report for your review. Please contact us if there are questions or if additional information is required.

Very truly yours,

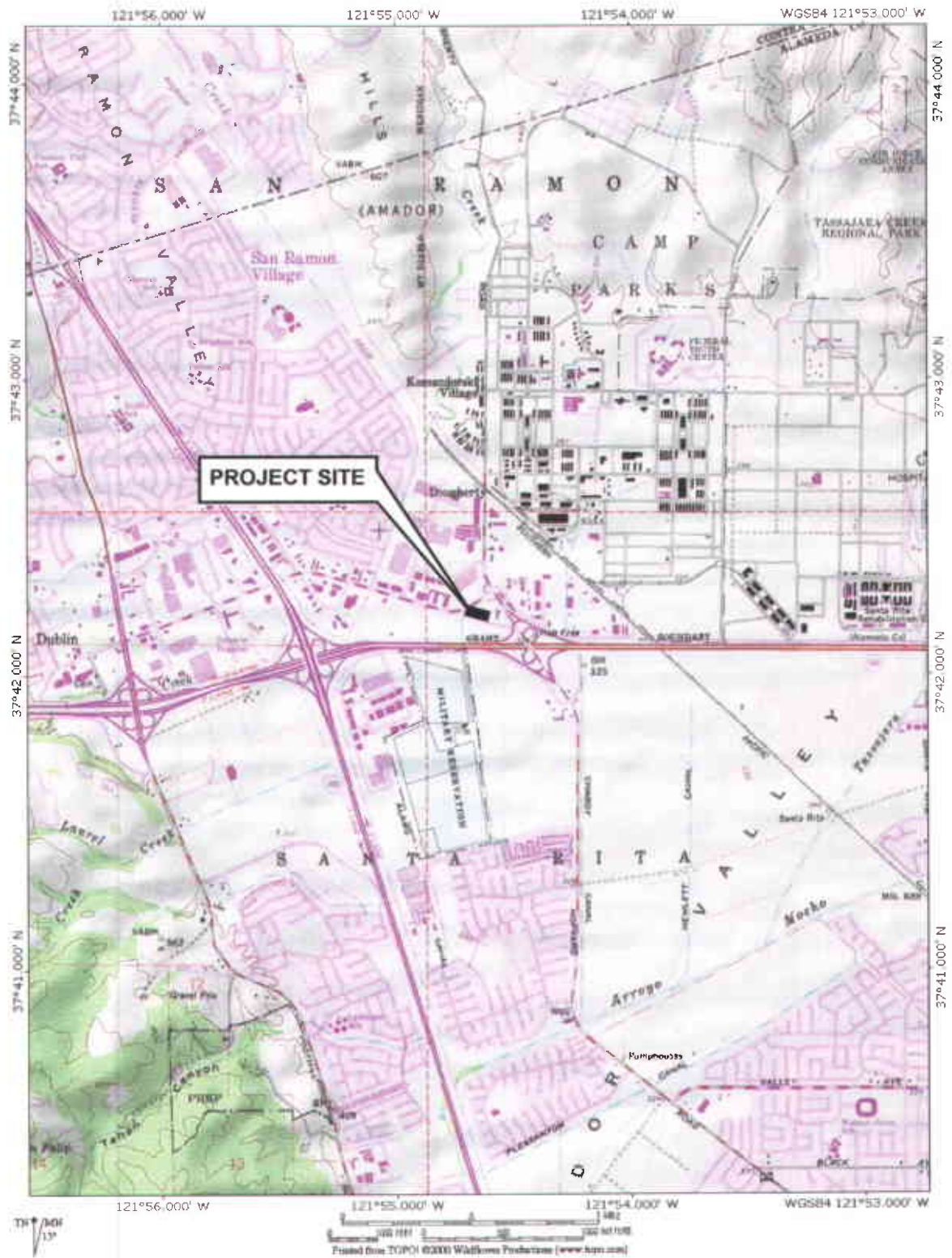
James E. Gribi
Registered Geologist
California No. 5843



Eric G. Hetrick
Project Geologist

Enclosure

cc: Mr. Scott Anderson, Dublin Toyota

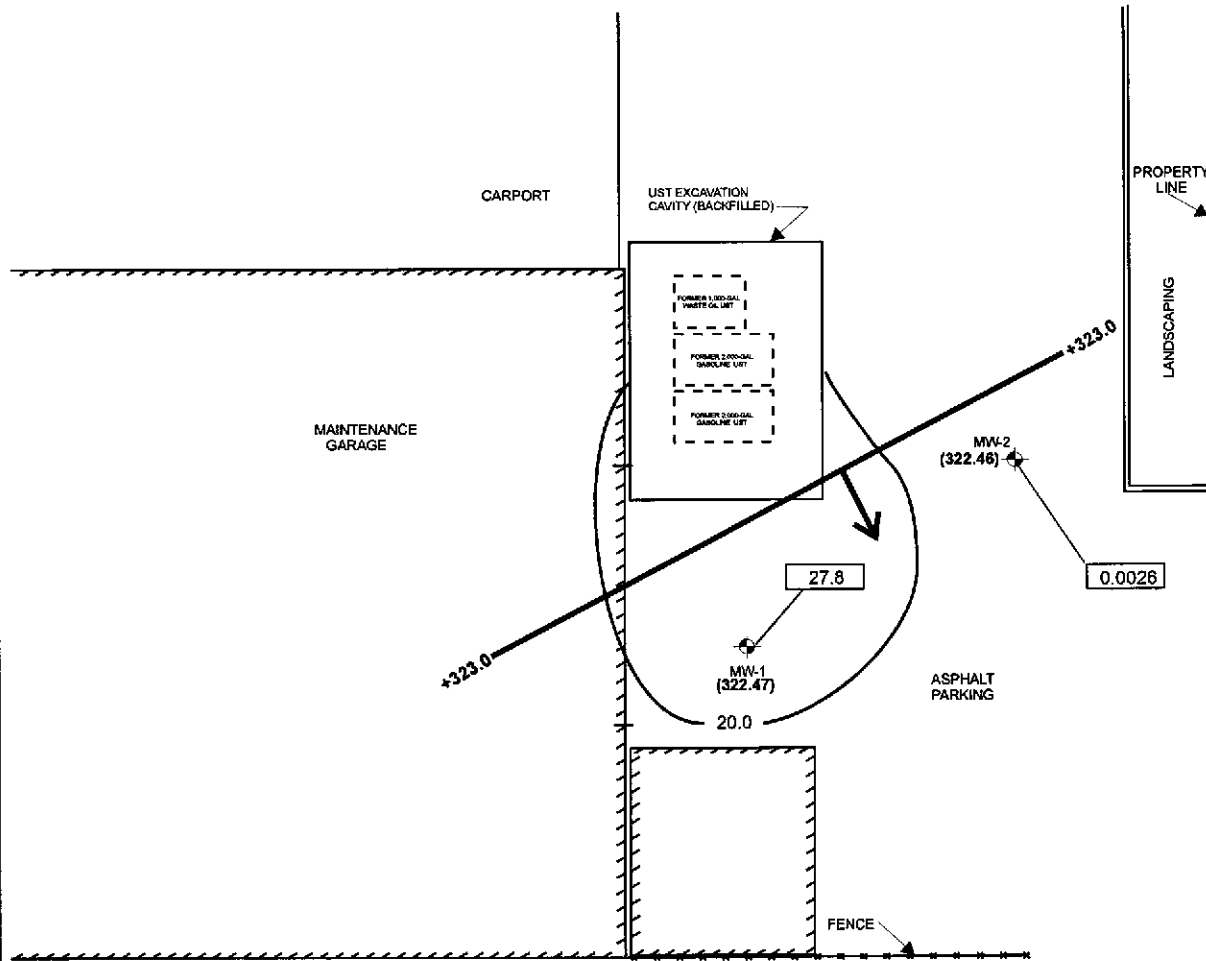


DESIGNED BY:	CHECKED BY:
DRAWN BY: EGH	SCALE:
PROJECT NO: 147-01-01	

SITE VICINITY MAP

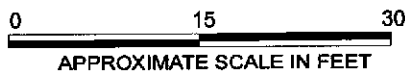
DUBLIN TOYOTA
6450 DUBLIN COURT
DUBLIN, CALIFORNIA

DATE: 10/10/02	FIGURE: 1
GRIBI Associates	

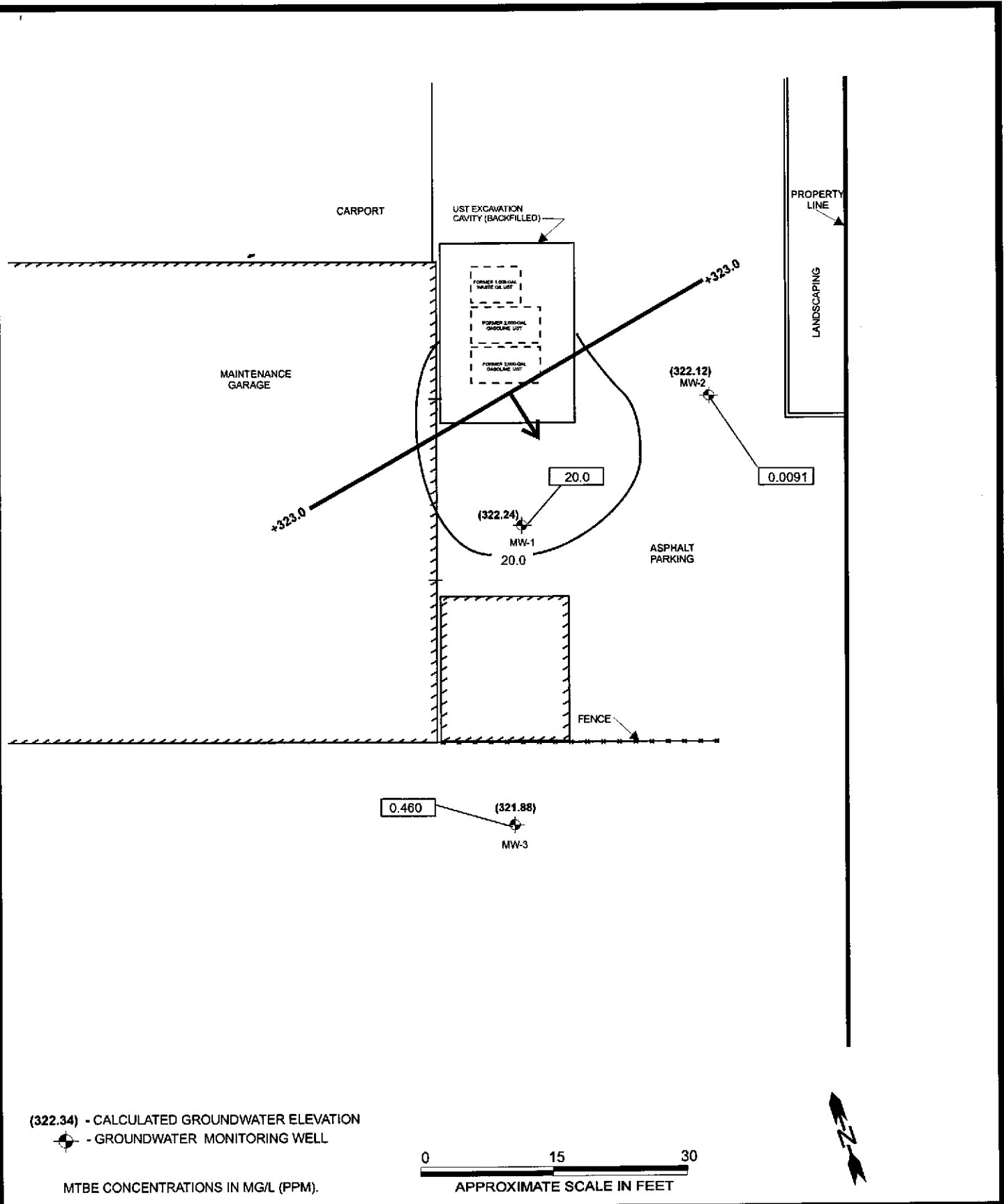


(322.34) - CALCULATED GROUNDWATER ELEVATION
 ⦿ - GROUNDWATER MONITORING WELL

MTBE CONCENTRATIONS IN MG/L (PPM).



DESIGNED BY:	CHECKED BY:	GROUNDWATER MTBE RESULTS 05-29-02 DUBLIN TOYOTA UST SITE 6450 DUBLIN COURT DUBLIN, CALIFORNIA	DATE: 11/20/02	FIGURE: 2
DRAWN BY: JG	SCALE:		GRIBI Associates	
PROJECT NO: 147-01-01				



DESIGNED BY:	CHECKED BY:
DRAWN BY: JG	SCALE:
PROJECT NO: 147-01-01	

GROUNDWATER MTBE RESULTS
11-20-02
 DUBLIN TOYOTA UST SITE
 6450 DUBLIN COURT
 DUBLIN, CALIFORNIA

DATE: 11/20/02	FIGURE: 3
GRIBI Associates	

APPENDIX A

GROUNDWATER MONITORING FIELD DATA RECORDS

GROUNDWATER SAMPLING RECORD

GRIBI Associates

Well No. MW-1	Well Loc.
Project Name	Project No.
Date	Time
TOC Elevation	GW Elevation
Depth to Water 6.42	Well Depth 20.00 Well Diameter
Purge Water, 2": Wtr Column X 0.163 X 3 = 370	Purge Water, 4": Wtr Column X 0.653 X 3 =
Purge/Sample Method PUMP	Lab Analyses
Weather Conditions	Laboratory

Time	Volume Purged	Temp.	Cond.	pH	Visual
1105	3	22.3°	29	6.71	clear / no odors
1115	6	21.5°	25	6.75	" "
1120	9	20.9°	25	6.63	" "

Remarks

Sample @ 1120

GROUNDWATER SAMPLING RECORD		GRIBI Associates	
Well No.	MW-3	Well Loc.	
Project Name	DUPUI TOYOTA	Project No.	
Date	11/20/02	Time	0800
Depth to Water	5.56	TOC Elevation	GW Elevation
Purge Water, 2": Wtr Column X 0.163 X 3 =	7.50	Well Depth	20.00
Purge/Sample Method	PUMP	Well Diameter	2"
Weather Conditions	CLAR	Purge Water, 4": Wtr Column X 0.653 X 3 =	
		Lab Analyses	BTEX +
		Laboratory	SYSTAR

Time	Volume Purged	Temp.	Cond.	pH	Visual
0800	3.0	19.1	12	6.80	CLAR - NO ODORES
0815	6.0	19.0	15	6.79	
0830	9.0	18.3	16	6.78	

Remarks

Sampled @ 0830

APPENDIX B

**LABORATORY DATA REPORTS AND
CHAIN-OF-CUSTODY RECORDS.**

26 November 2002

Eric Hetrick
Gribi Associates
1350 Hates St # C-14
Benicia, CA 94510
RE: Dublin Toyota

Enclosed are the results of analyses for samples received by the laboratory on 11/22/02 11:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Beauchaine
Laboratory Supervisor

Gribi Associates
1350 Hates St # C-14
Benicia CA, 94510

Project: Dublin Toyota
Project Number: [none]
Project Manager: Eric Hetrick

Reported:
11/26/02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW 1	T200887-01	Water	11/20/02	11/22/02
MW 2	T200887-02	Water	11/20/02	11/22/02
MW 3	T200887-03	Water	11/20/02	11/22/02

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Gribi Associates
1350 Hates St # C-14
Benicia CA, 94510

Project: Dublin Toyota
Project Number: [none]
Project Manager: Eric Hetrick

Reported:
11/26/02

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 1 (T200887-01) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
1,2-Dichloroethane	ND	1.0	ug/l	1	2112503	11/25/02	11/25/02	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	20000	50	"	100	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	1	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.5 %		86-115	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.0 %		86-115	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		101 %		86-118	"	"	"	"	
MW 2 (T200887-02) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
1,2-Dichloroethane	ND	1.0	ug/l	1	2112503	11/25/02	11/25/02	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	9.1	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		86-115	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %		86-115	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %		86-118	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Page 2 of 8

Gribi Associates
 1350 Hates St # C-14
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: [none]
 Project Manager: Eric Hetrick

Reported:
 11/26/02

Volatile Organic Compounds by EPA Method 8260B
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 3 (T200887-03) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
1,2-Dichloroethane	ND	1.0	ug/l	1	2112503	11/25/02	11/25/02	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	460	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	20	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.0 %		86-115	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %		86-115	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		106 %		86-118	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Gribi Associates
 1350 Hates St # C-14
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: [none]
 Project Manager: Eric Hetrick

Reported:
 11/26/02

Purgeable Petroleum Hydrocarbons by 8015
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW 1 (T200887-01) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
Gasoline Range Hydrocarbons	110	50	ug/l	1	2112203	11/22/02	11/22/02	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		120 %	65-135		"	"	"	"	
MW 2 (T200887-02) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
Gasoline Range Hydrocarbons	57	50	ug/l	1	2112203	11/22/02	11/22/02	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		123 %	65-135		"	"	"	"	
MW 3 (T200887-03) Water Sampled: 11/20/02 00:00 Received: 11/22/02 11:15									
Gasoline Range Hydrocarbons	200	50	ug/l	1	2112203	11/22/02	11/22/02	EPA 8015B	
Surrogate: 4-Bromofluorobenzene		119 %	65-135		"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Gribi Associates
 1350 Hates St # C-14
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: [none]
 Project Manager: Eric Hetrick

Reported:
 11/26/02

Volatile Organic Compounds by EPA Method 8260B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------------	----------------	------------------	----------------	-----	--------------	-------

Batch 2112503 - EPA 5030 Water MS

Blank (2112503-BLK1)

Prepared & Analyzed: 11/25/02

Benzene	ND	0.50 ug/l						
Di-isopropyl ether	ND	20 "						
Ethylbenzene	ND	0.50 "						
Ethyl tert-butyl ether	ND	20 "						
Methyl tert-butyl ether	ND	0.50 "						
Tert-amyl methyl ether	ND	20 "						
Tert-butyl alcohol	ND	50 "						
Toluene	ND	0.50 "						
m,p-Xylene	ND	1.0 "						
o-Xylene	ND	0.50 "						
Surrogate: Toluene-d8	39.0	"	40.0		97.5		86-115	
Surrogate: 4-Bromofluorobenzene	40.4	"	40.0		101		86-115	
Surrogate: Dibromofluoromethane	35.3	"	40.0		88.2		86-118	

LCS (2112503-BS1)

Prepared: 11/25/02 Analyzed: 11/26/02

Benzene	107	0.50 ug/l	100		107		75-125	
Toluene	104	0.50 "	100		104		75-125	
Surrogate: Toluene-d8	39.8	"	40.0		99.5		86-115	
Surrogate: 4-Bromofluorobenzene	39.2	"	40.0		98.0		86-115	
Surrogate: Dibromofluoromethane	36.3	"	40.0		90.8		86-118	

Matrix Spike (2112503-MS1)

Source: T200891-03

Prepared: 11/25/02 Analyzed: 11/26/02

Benzene	97.5	0.50 ug/l	100	ND	97.5		75-125	
Toluene	96.4	0.50 "	100	ND	96.4		75-125	
Surrogate: Toluene-d8	39.5	"	40.0		98.8		86-115	
Surrogate: 4-Bromofluorobenzene	39.5	"	40.0		98.8		86-115	
Surrogate: Dibromofluoromethane	40.6	"	40.0		102		86-118	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Page 5 of 8

Gribi Associates
1350 Hates St # C-14
Benicia CA, 94510

Project: Dublin Toyota
Project Number: [none]
Project Manager: Eric Hetrick

Reported:
11/26/02

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------------	----------------	------------------	----------------	-----	--------------	-------

Batch 2112503 - EPA 5030 Water MS

Matrix Spike Dup (2112503-MSD1)	Source: T200891-03			Prepared: 11/25/02	Analyzed: 11/26/02			
Benzene	102	0.50 ug/l	100	ND	102	75-125	4.51	20
Toluene	101	0.50 "	100	ND	101	75-125	4.66	20
<i>Surrogate: Toluene-d8</i>	40.3	"	40.0		101	86-115		
<i>Surrogate: 4-Bromofluorobenzene</i>	38.8	"	40.0		97.0	86-115		
<i>Surrogate: Dibromofluoromethane</i>	41.6	"	40.0		104	86-118		

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Gribi Associates
 1350 Hates St # C-14
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: [none]
 Project Manager: Eric Hetrick

Reported:
 11/26/02

Purgeable Petroleum Hydrocarbons by 8015 - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2112203 - EPA 5030 Water GC									
Blank (2112203-BLK1)									
Prepared & Analyzed: 11/22/02									
Gasoline Range Hydrocarbons	ND	50 ug/l							
Surrogate: 4-Bromofluorobenzene	49.3	"	50.0		98.6	65-135			
LCS (2112203-BS1)									
Prepared & Analyzed: 11/22/02									
Gasoline Range Hydrocarbons	6240	50 ug/l	5500		113	75-125			
Surrogate: 4-Bromofluorobenzene	57.6	"	50.0		115	65-135			
Matrix Spike (2112203-MS1)									
Source: T200860-10									
Prepared & Analyzed: 11/22/02									
Gasoline Range Hydrocarbons	6070	50 ug/l	5500	ND	110	65-135			
Surrogate: 4-Bromofluorobenzene	53.6	"	50.0		107	65-135			
Matrix Spike Dup (2112203-MSD1)									
Source: T200860-10									
Prepared & Analyzed: 11/22/02									
Gasoline Range Hydrocarbons	6340	50 ug/l	5500	ND	115	65-135	4.35	20	
Surrogate: 4-Bromofluorobenzene	55.6	"	50.0		111	65-135			

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

Gribi Associates
1350 Hates St # C-14
Benicia CA, 94510

Project: Dublin Toyota
Project Number: [none]
Project Manager: Eric Hetrick

Reported:
11/26/02

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Ben Beauchaine, Laboratory Supervisor

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

GRIBI ASSOCIATES
1350 Hayes Street, Suite C-14
Benicia, CA 94510

Attn: Mr. Jim Gribi

Date of Report:	6/14/02
Sampling Date:	5/29/02
Date Sample Received:	5/30/02
Date Analyzed:	June 5, 2002
Analyzed By:	ASL
Sample Type:	Soil
Project Name:	Dublin Toyota
Method:	EPA M8015 / 8021B
Log Number:	02-2176 to 02-2178

The sample(s) were analyzed with EPA methodology or equivalent methods as specified on the attached "Analyses Results" report.

The results of these analyses and the quality control data are enclosed.



Ellen Atienza
Operations Manager

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

GRIBI ASSOCIATES

1350 Hayes Street, Suite C-14
Benicia, CA 94510

Attn: Mr. Jim Gribi

Date of Report: 6/14/02
Sampling Date: 5/29/02
Date Sample Received: 5/30/02
Date Extracted: 6/5/02
Date Analyzed: June 5, 2002
Analyzed By: ASL
Sample Type: Water
Units: µg/L
Project Name: Dublin Toyota
Detection Limit Multiplier: 50

ANALYSES RESULTS

<u>Analysis</u>	<u>Method</u>	<u>PQL</u>	<u>Log Number: 02-2176</u> <u>Sample ID: MW-1</u>
Benzene	EPA 8021B	15.0	ND
Ethylbenzene	EPA 8021B	15.0	ND
Toluene	EPA 8021B	15.0	ND
Xylenes (Total)	EPA 8021B	30.0	ND
TPH-G	EPA 8015M	2500	29100



Ellen Atienza
Operations Manager

TPH-G - Total Petroleum Hydrocarbons - Gasoline
Total Petroleum Hydrocarbon analysis resulting in hydrocarbons of the range C4-C12. Sample quantitated against gasoline.
DHS - Recommended Procedure From Leaking Underground Fuel Tank Field Manual, May 1988
ND= not detected at the reporting limit

D-TEK Analytical Laboratories, Inc.

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

GRIBI ASSOCIATES
1350 Hayes Street, Suite C-14
Benicia, CA 94510

Attn: Mr. Jim Gribi

Date of Report: 6/14/02
Sampling Date: 5/29/02
Date Sample Received: 5/30/02
Date Extracted: 6/5/02
Date Analyzed: June 5, 2002
Analyzed By: ASL
Sample Type: Water
Units: µg/l
Project Name: Dublin Toyota
Detection Limit Multiplier: 1

ANALYSES RESULTS

Analysis	Prep/Analysis Method	Detection Limit	Log Number: 02-2177		02-2178
			Sample ID: MW-2	MW-3	
Benzene	M8021	0.3	ND	ND	
Ethylbenzene	M8021	0.3	ND	ND	
Toluene	M8021	0.3	ND	ND	
Xylenes (Total)	M8021	0.6	3.9	219	
TPH-G	M8015	50.0	ND	ND	



Ellen Atienza
Operations Manager

TPH-G - Total Petroleum Hydrocarbons - Gasoline
Total Petroleum Hydrocarbon analysis resulting in hydrocarbons of the range C4-C12. Sample quantitated against gasoline.
DHS - Recommended Procedure From Leaking Underground Fuel Tank Field Manual, May 1988
ND= not detected at the reporting limit

D-TEK Analytical Laboratories, INC

9020 Kenamar Drive, Suite 205
San Diego, CA 92121
(858) 566-4540 FAX (858) 566-4542

QUALITY CONTROL DATA REPORT

Date: 6/14/02
Attn: Mr. Jim Gribi
Log #: 02-2176 to 02-2178
Date Analyzed: June 5, 2002
Analysis Method: EPA 8021B/8015M

METHOD BLANK

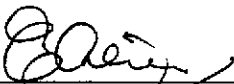
No target analytes were detected in the method blank.

MATRIX SPIKE RESULTS

Compound	Spike % Recovery	Spike DUP % Recovery	AVG. RPD
Benzene	106	112	5
Toluene	113	118	4

Surrogate Percent Recoveries: (Bromofluorobenzene)

02-2176	100
02-2177	112
02-2178	110

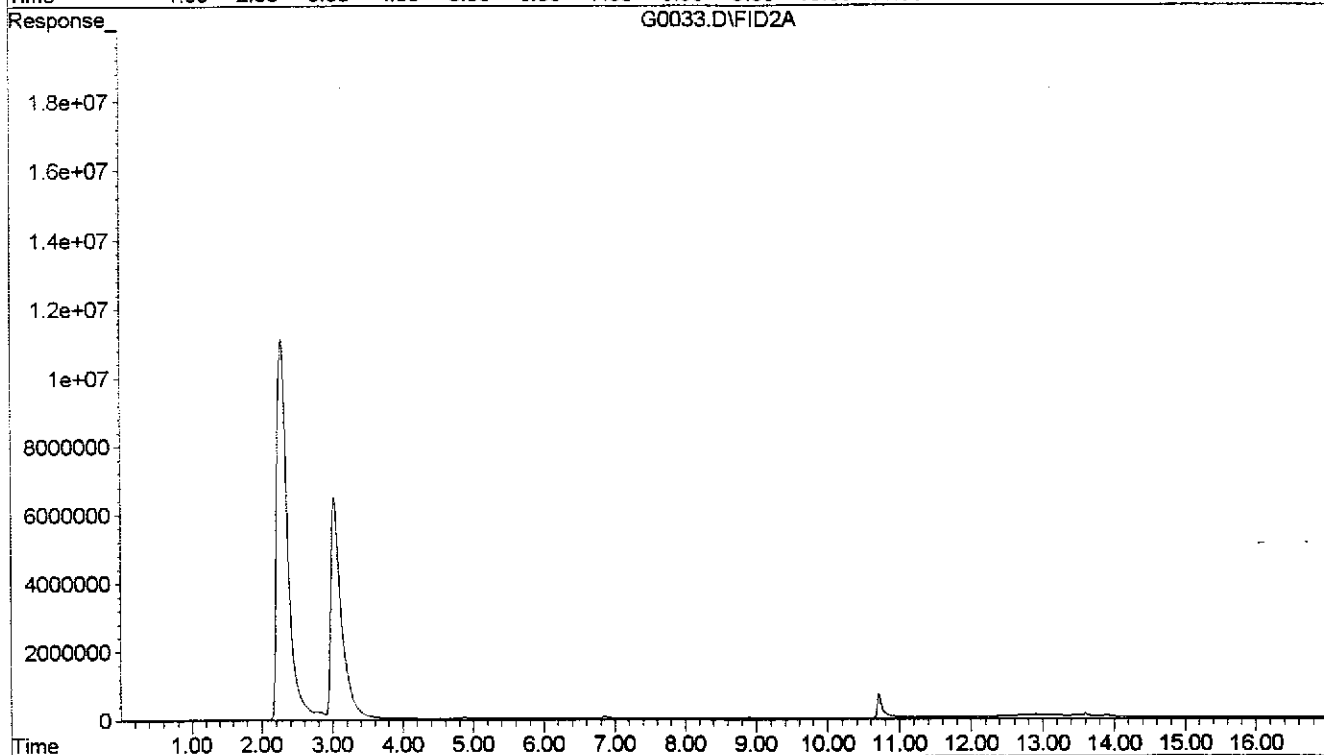
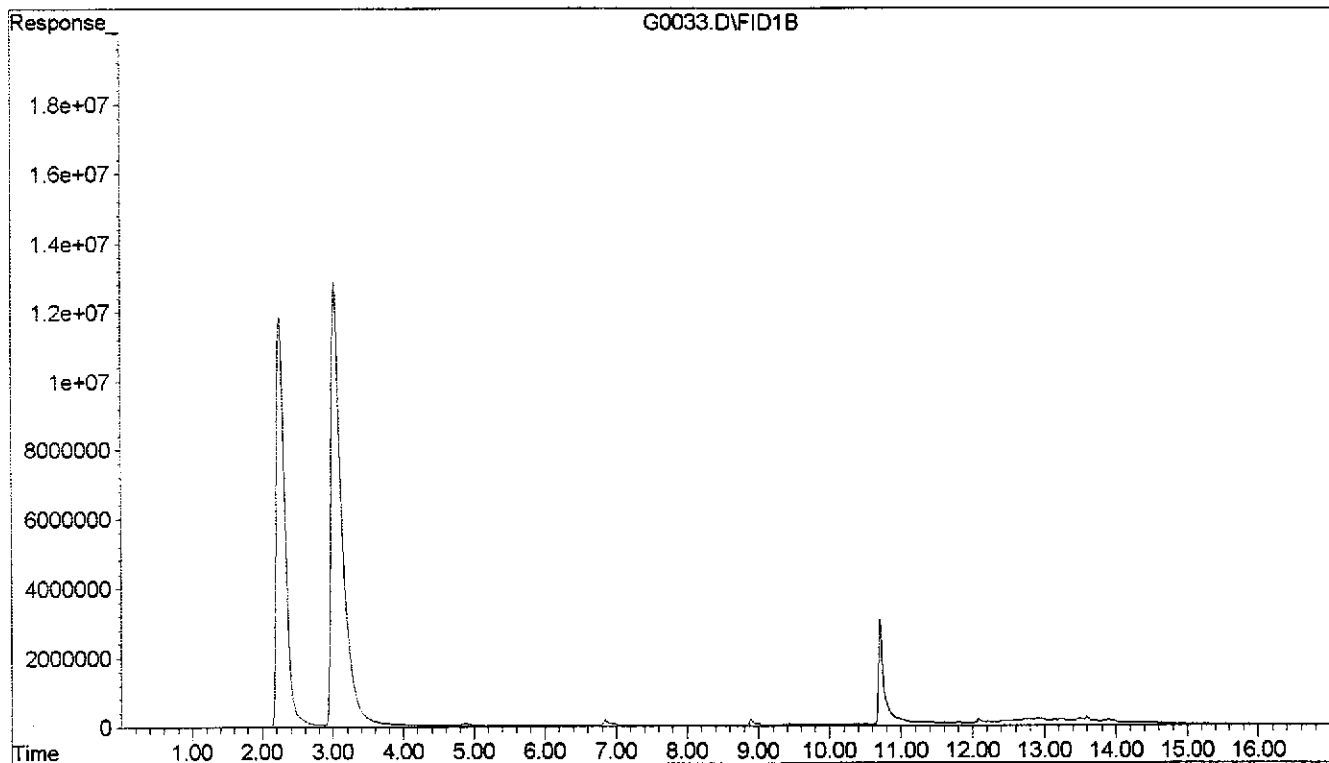


Ellen Atienza
Operations Manager

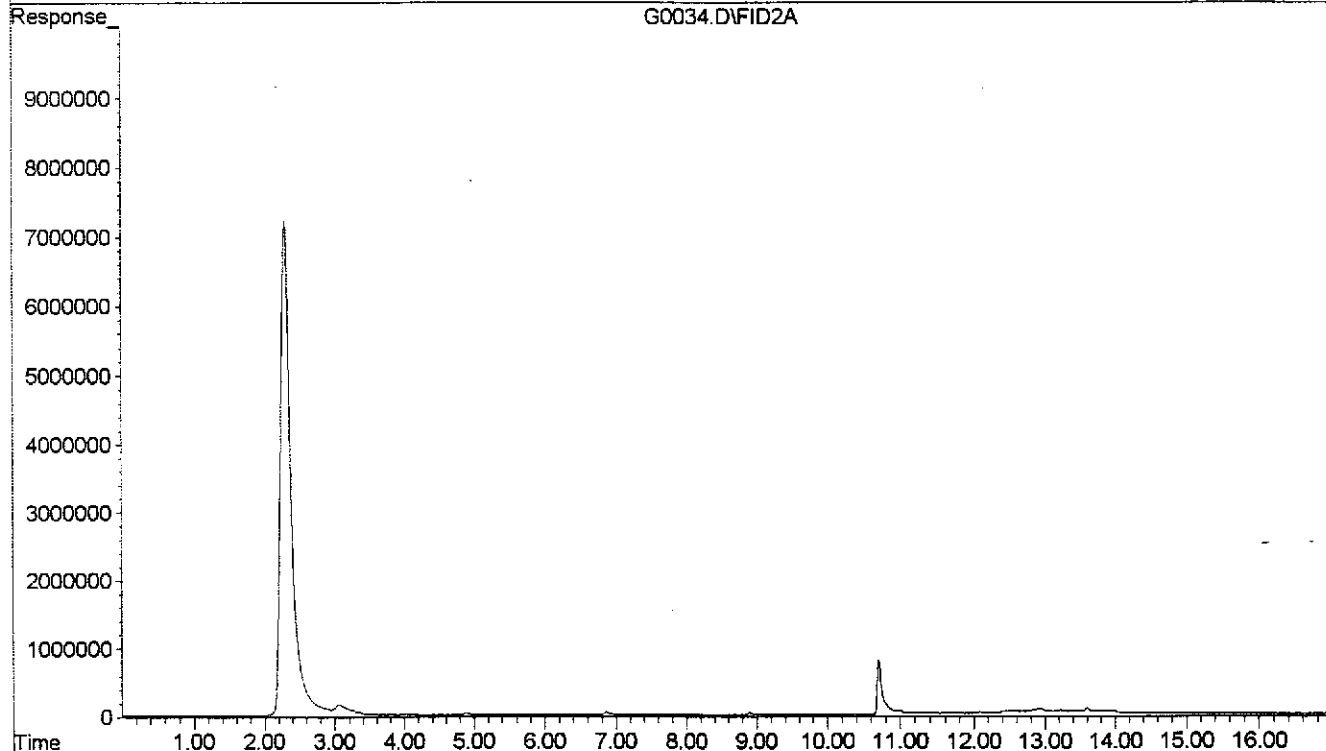
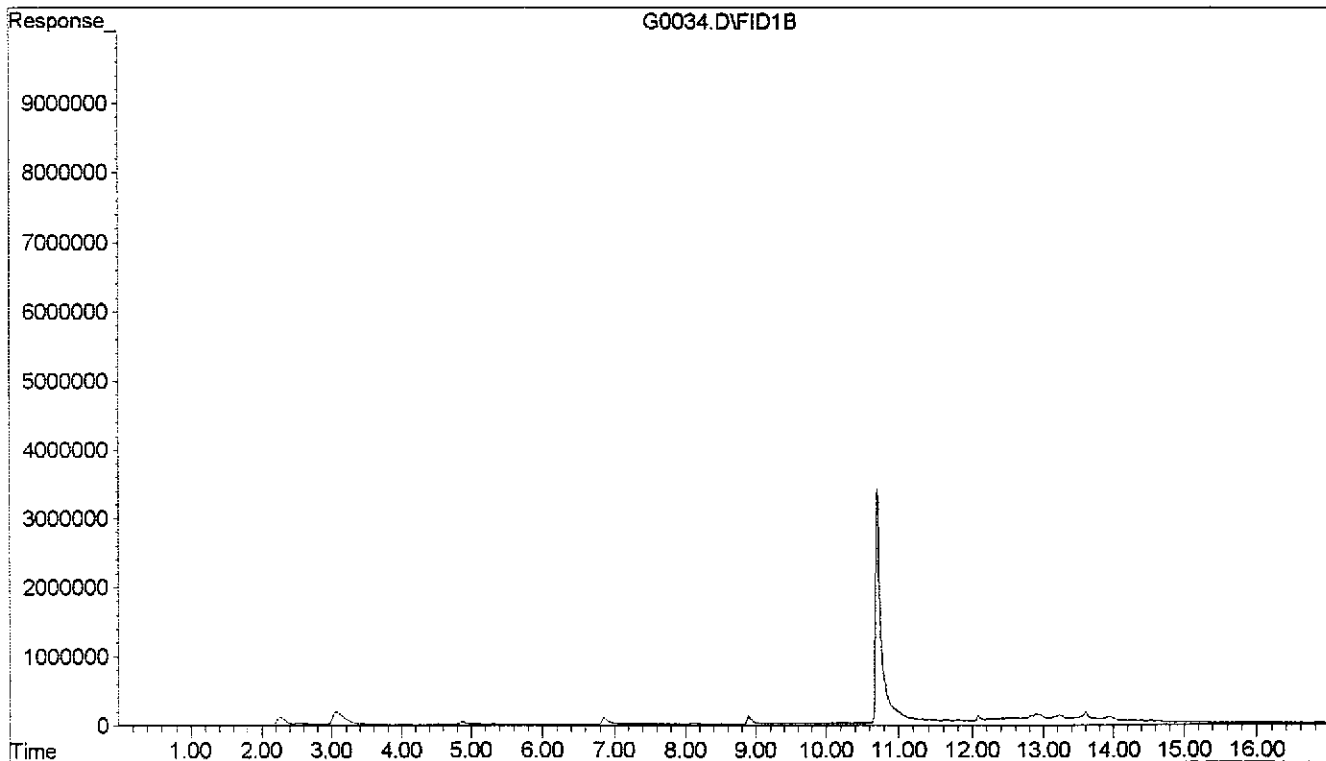
QUALITY CONTROL TERMINOLOGY

- Spike- environmental sample is matrix spiked with method compounds and % recovery of concentration spiked into sample is calculated. Reported as % recovery. Acceptable range for "Normal Matrix Sample" is 75% - 120%. Any out-of-control QC data is clearly indicated.
- Surrogates- Compounds representative of a group of compounds. Surrogates are spiked into environmental samples and % recovery of concentration spiked is calculated and reported. Acceptable range is 70% - 120%. Any out-of-control QC data is clearly indicated.

File : C:\HPCHEM\1\DATA\060502\G0033.D
Operator : LOLITA CHAN
Acquired : 5 Jun 02 15:31 using AcqMethod BTEXNEW.M
Instrument : GC #1 GAS
Sample Name: W-86943 DL=50 D-TEK R
Misc Info :
Vial Number: 4



File : C:\HPCHEM\1\DATA\060502\G0034.D
Operator : LOLITA CHAN
Acquired : 5 Jun 02 15:56 using AcqMethod BTEXNEW.M
Instrument : GC #1 GAS
Sample Name: W-86944 DL=1 D-TEK R
Misc Info :
Vial Number: 5



File : C:\HPCHEM\1\DATA\060502\G0032.D
Operator : LOLITA CHAN
Acquired : 5 Jun 02 14:59 using AcqMethod BTEXNEW.M
Instrument : GC #1 GAS
Sample Name: W-86945 DL=1 D-TEK
Misc Info :
Vial Number: 1

