

GRIBI Associates *Geological and Environmental Consulting Services*

October 20, 2005

GA Project No. 147-01-03

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

Attention: Ms. Donna Drogos

Subject: Third Quarter 2005 Groundwater Monitoring Report
Dublin Toyota UST Site
6450 Dublin Court
Dublin, California
Alameda County LOP Site ID No. 699

Alameda County
OCT 25 2005
Environmental Health

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Third Quarter 2005 Groundwater Monitoring Report on behalf of Dublin Toyota for the underground storage tank (UST) site located at 6450 Dublin Court in Dublin, California (Figure 1 and Figure 2). This report summarizes groundwater monitoring activities conducted at the site on October 4, 2005.

DESCRIPTION OF SAMPLING ACTIVITIES

1. Gribi Associates personnel conducted groundwater monitoring activities for all three site wells (MW-1, MW-2 and MW-3) on October 4, 2005.
2. Groundwater monitoring was conducted in accordance with California LUFT Field Manual, including the following:
 - a. measuring static water levels;
 - b. checking for presence of free-product;
 - c. and purging of approximately three well volumes while recording of temperature, pH, conductivity, and clarity.
3. Collected groundwater samples were placed in an ice-chilled cooler and submitted to a state-certified laboratory for analyses.
4. Copies of groundwater sampling field data sheets are provided as Attachment A.

RESULTS OF GROUNDWATER MONITORING

Hydrologic Conditions

1. Groundwater depths ranged from approximately 6.0 feet to 7.5 feet at monitoring wells MW-3 and MW-1, respectively.
2. Groundwater flow direction is to be to the northeast, though contours are relatively flat.

- a. Historically, groundwater flow direction has trended in a southwesterly direction and appears to be generally related to surface topography.
3. Free-product was not present in any of the three wells.

Laboratory Analytical Results

1. Groundwater samples from the three wells were analyzed for the following parameters with standard method turn around time on results:
 - a. USEPA 8015M Total Petroleum Hydrocarbons as Gasoline (TPH-G)
 - b. USEPA 8260B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
 - c. USEPA 8260B Methyl-t-butyl Ether (MTBE)
 - d. USEPA 8260B Oxygenates (TBA, MTBE, DIPE, ETBE, and TAME)
2. Groundwater analytical results are summarized in Table 1.
3. Groundwater MTBE results for this monitoring event are summarized on Figure 3.
4. The laboratory analytical data report and chain-of custody are contained in Attachment B.

CONCLUSIONS

1. MTBE concentration in groundwater at monitoring well MW-1 declined to 2,500 ppb after a spike in concentration to 25,000 ppb measured during the previous quarter (Second Quarter 2005).
 - a. The recent MTBE concentration at MW-1 is the lowest historic MTBE groundwater concentrations for the well.
2. MTBE groundwater concentrations at monitoring wells MW-2 and MW-3 were similar to previous groundwater monitoring events with concentrations of 5.2 ppb MTBE and 380 ppb, respectively.

PLANNED ACTIVITIES

1. Gribi Associates plans to perform Aggressive Fluid/Vapor Recovery (AFVR) at newly installed dual phase extraction wells near the source area per the "*Interim Remedial Measures (IRM) Workplan*" (Gribi Associates, March 2005).
2. Gribi Associates plans to perform Fourth Quarter 2005 groundwater monitoring and sampling.
3. Gribi Associates submitted an SWI report on June 20, 2005. This report included a proposal to install ten groundwater monitoring wells. Gribi Associates is awaiting approval from Alameda County Department of Environmental Health before implementation of monitoring well installation activities.

Ms. Donna Drogos
Alameda County Department of Environmental Health
October 20, 2005
Page 3

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,



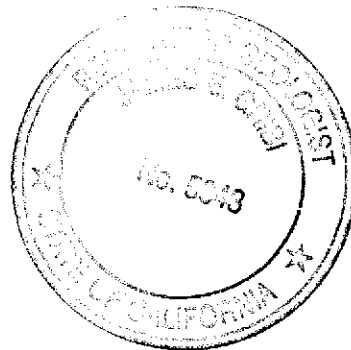
Matthew A. Rosman
Engineer



James E. Gribi
Registered Geologist
California No. 5843

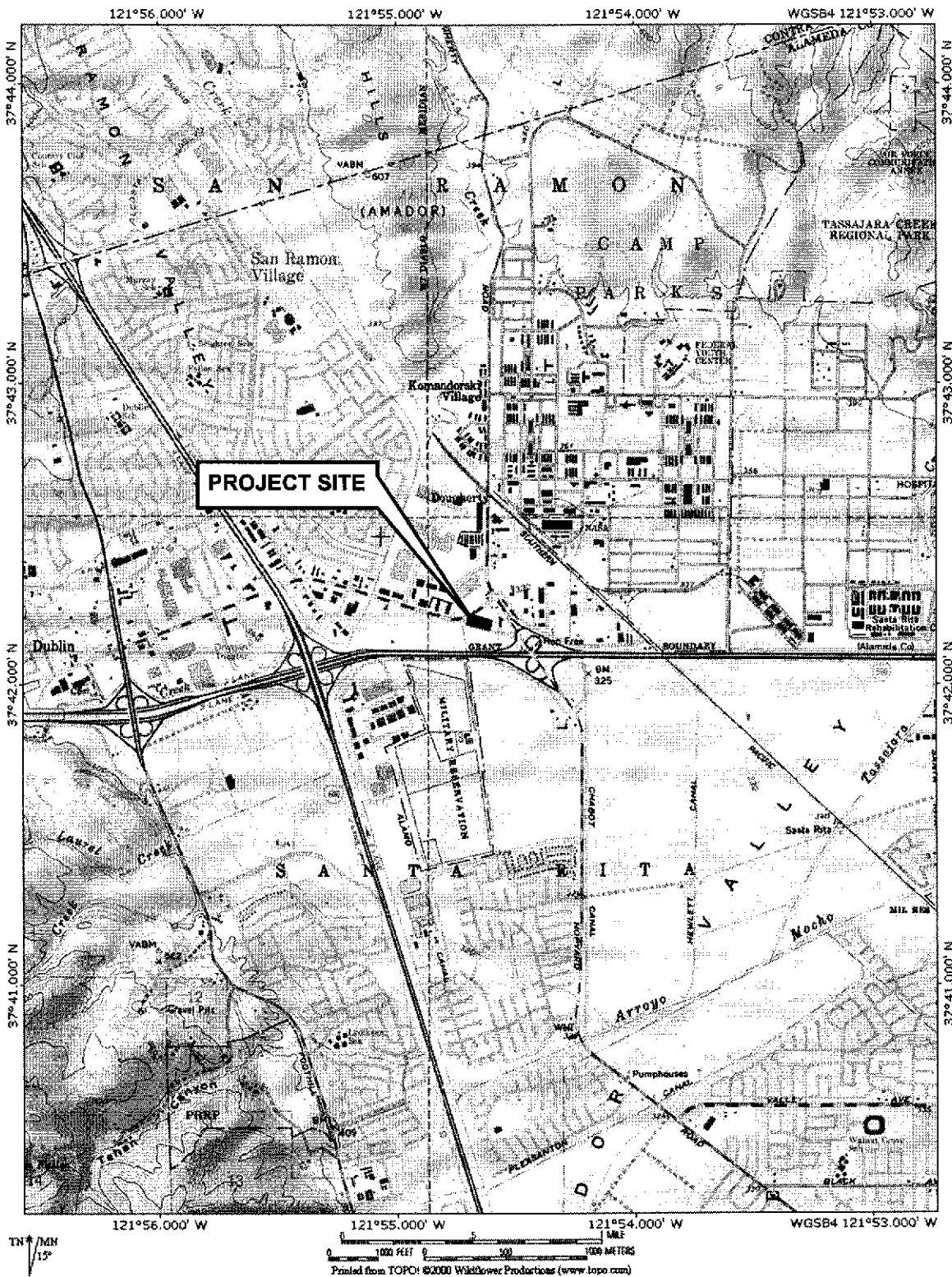
Enclosure

cc: Mr. Scott Anderson, Dublin Toyota



FIGURES

Alameda County
OCT 25 2005
Environmental Health

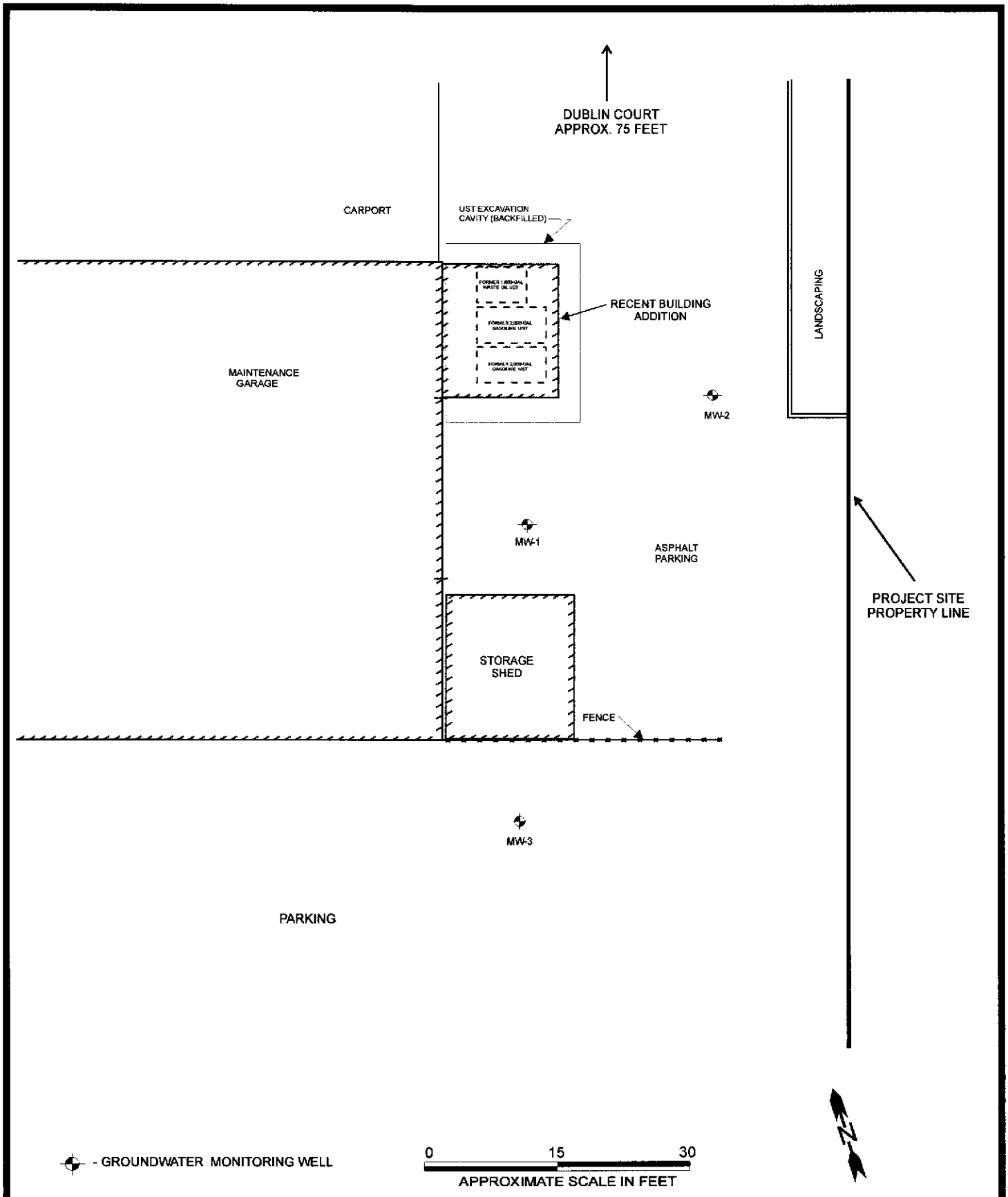


DESIGNED BY:	CHECKED BY:
DRAWN BY: EGH	SCALE:
PROJECT NO: 147-01	

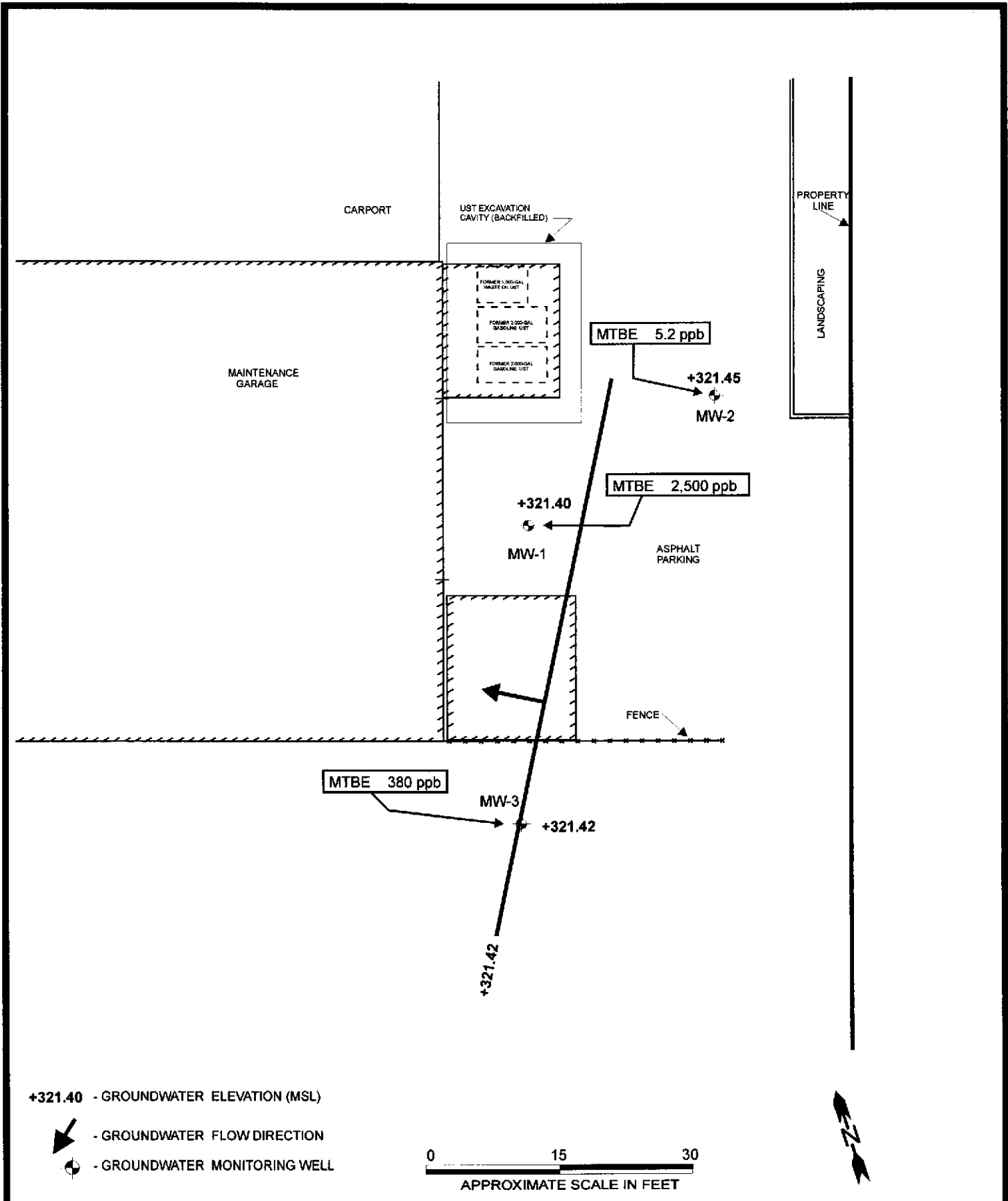
SITE VICINITY MAP

DUBLIN TOYOTA
6450 DUBLIN COURT
DUBLIN, CALIFORNIA

DATE: 05/07/03	FIGURE: 1
GRIBI Associates	



DESIGNED BY:	CHECKED BY:	SITE PLAN	DATE: 10/18/05	FIGURE: 2
DRAWN BY: MR	SCALE:		GRIBI Associates	
PROJECT NO: 147-01-03		DUBLIN TOYOTA UST SITE 6450 DUBLIN COURT DUBLIN, CALIFORNIA		



DESIGNED BY:	CHECKED BY:	GROUNDWATER GRADIENT & MTBE CONCENTRATIONS, 10/04/05 DUBLIN TOYOTA UST SITE 6450 DUBLIN COURT DUBLIN, CALIFORNIA	DATE: 10/18/05	FIGURE: 3
DRAWN BY: MR	SCALE:		GRIBI Associates	
PROJECT NO: 147-01-03				

Table 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
 Dublin Toyota UST Site

Sample ID	Sample Date	GW Elevation	Concentration (µg/l)											
			TPH-D	TPH-MO	TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-1	12/15/98	323.15	<0.050	110	46,000	<100	<100	<100	<100	--	--	--	--	62,000
<328.89>	04/06/99	323.80	<50	<100	45,000	<50	<50	<50	<50	--	--	--	--	86,000 ¹
	07/14/99	322.71	<50	<100	2,800	<100	<100	<100	<100	--	--	--	--	65,000 ¹
	10/14/99	322.03	<50	<100	11,000	<17	<17	<17	<17	--	--	--	--	98,000 ¹
	08/18/00	321.91	<50	<100	36,000	<50	<50	<50	<50	--	--	--	--	66,000 ¹
	05/29/02	322.47	--	--	29,100	<15	<15	<15	<30	841	<500	<100	N50	27,800 ¹
	11/20/02	322.24	--	--	110	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	20,000
	04/06/03	322.94	--	--	1,300	<1.0	<1.0	<1.0	<1.0	10	360	<2.0	2.2	15,000
	07/13/03	322.34	--	--	74	<0.5	<0.5	<0.5	<1.0	10	42	<5.0	<5.0	15,000
	02/11/04	323.15	--	--	<50	<0.5	<0.5	<0.5	<1.0	10	420	<2.0	2.5	34,000
	06/16/04	322.52	--	--	180	<0.5	<0.5	<0.5	<1.0	6.8	290	<2.0	<2.0	7,600
	10/16/04	321.60	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	6,720
	12/30/04	323.05	--	--	92	<0.5	<0.5	<0.5	<1.0	5.2	<10	<2.0	<2.0	2,600
	3/22/05	323.67	--	--	<50	<0.5	<0.5	<0.5	<1.0	7.3	<10	<2.0	<2.0	6,900
	6/10/05	322.72	--	--	100	<0.5	<0.5	<0.5	<1.0	9.8	<10	<2.0	<2.0	25,000
	10/04/05	321.40	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	2,500
MW-2	12/15/98	323.34	<50	570	<50	<0.50	0.90	<0.50	1.5	--	--	--	--	<5.0
<327.64>	04/06/99	324.22	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0

Table 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
 Dublin Toyota UST Site

Sample ID	Sample Date	GW Elevation	Concentration (µg/l)											
			TPH-D	TPH-MO	TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
	7/14/99	322.88	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0
	10/14/99	322.16	<50	<100	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0
	08/18/00	321.92	<50	<100	<50	<0.50	<0.50	<0.50	1.1	--	--	--	--	16
	05/29/02	322.46	--	--	<50	<0.3	<0.3	<0.3	3.9	<2.0	<10	<2.0	<2.0	2.6
	11/20/02	322.12	--	--	57	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	9.1
	04/06/03	323.05	--	--	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	5.7
	07/13/03	322.40	--	--	<50	<0.5	<0.5	<0.5	<1.0	<5.0	<10	<5.0	<5.0	6.5
	02/11/04	323.19	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	8.5
	06/16/04	322.71	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	120
	10/16/04	321.67	--	--	78	<0.5	<0.5	<0.5	<1.0	4.1	<10	<2.0	<2.0	43.2
	12/30/04	322.90	--	--	<50	<0.5	<0.5	<0.5	<1.0	4.1	<10	<2.0	<2.0	14
	3/22/05	323.78	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	13
	6/10/05	322.81	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	14
	10/04/05	321.45	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	5.2
MW-3	08/18/00	321.77	<50	<100	210	<0.50	0.58	<0.50	0.59	--	--	--	--	570¹
<327.44>	05/29/02	322.34	--	--	<50	<0.3	<0.3	<0.3	219	<2.0	<10	<2.0	<2.0	281
	11/20/02	321.88	--	--	200	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	460
	04/06/03	322.80	--	--	270	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	340

Table 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
 Dublin Toyota UST Site

Sample ID	Sample Date	GW Elevation	Concentration (µg/l)											
			TPH-D	TPH-MO	TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
	07/13/03	321.96	--	--	<50	<0.5	<0.5	<0.5	<1.0	<5.0	<10	<5.0	<5.0	460
	02/11/04	322.97	--	--	<50	<0.5	<0.5	<0.5	<1.0	2.2	1,000	<2.0	<2.0	4,000
	06/16/04	322.21	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	240
	10/16/04	321.52	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	210
	12/30/04	322.90	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	120	<2.0	<2.0	190
	3/22/05	323.54	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	210
	6/10/05	322.61	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	230
	10/04/05	321.42	--	--	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	380

Table Notes:

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
 TAME = Tert-amyl Methyl Ether
 TBA = tert-Butanol

DIPE = Diisopropyle ether ETBE = Ethyl-tert-butyl ether
 MTBE = Methyl-t-Butyl Ether
 NA = Not analyzed for particular parameter
 <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 = MW-1 and MW-2 laboratory results reported by Sunstar Laboratories appear to be mistakenly switched. This has been corrected herein.

ATTACHMENT A

GROUNDWATER MONITORING FIELD DATA RECORDS

Groundwater Monitoring Field Sheet

17810
 - 7.5

 12.5
 x .2

 2.50

Site Dublin Toyota
 Sampling Personnel M. Rosman
 Weather Conditions Clear, mild

Project No. 147-01-03
 Date ~~9/20~~ 10/04/05

Well ID MW-1
 Depth to Water (ft) 7.49
 Water Column (ft) 12.5
 3X Well Volume (gal) ~8

Casing Diameter (inches) 2"
 Total Depth (ft) 20
 One Well Volume (gal) 2.5

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 3/4 inch well, 0.17 for 2 inch well, 0.38 for 3 inch well, 0.66 for 4 inch well, 1.50 for 6 inch well

Field Methods (check appropriate box)

Activity	Baller	Pump	Comments
Purge Method			
Sample Method	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12V Purge Pump

Field Parameters

Time	Volume Purged (gal)	Temp. (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
1350	2	21.32	2.405	1.20	7.39	23.3	
	4	20.70	2.301	1.22	7.35	-34.6	
	6	20.06	2.188	1.39	7.30	-32.6	
1359	8	19.89	2.125	1.52	7.27	-29.1	

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<input checked="" type="checkbox"/>				
Odor	<input checked="" type="checkbox"/>				
Turbidity	<input checked="" type="checkbox"/>				
Sheen	<input checked="" type="checkbox"/>				
Floating Particles	<input checked="" type="checkbox"/>				
Precipitate	<input checked="" type="checkbox"/>				

Sample Time 1405

Sampler's Signature M. Rosman

Groundwater Monitoring Field Sheet

Site Dublin Toyota
 Sampling Personnel M. Rasman
 Weather Conditions clear, mild

Project No. 147-01-03
 Date 10/04/05

Well ID MW-2
 Depth to Water (ft) 6.19
 Water Column (ft) 13.8
 3X Well Volume (gal) ~2.8

Casing Diameter (inches) 2"
 Total Depth (ft) 20
 One Well Volume (gal) ~2.8

Notes:

One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 1/4 inch well, 0.17 for 2 inch well, 0.38 for 3 inch well, 0.66 for 4 inch well, 1.50 for 6 inch well

Field Methods (check appropriate box)

Activity	Bailer	Pump	Comments
Purge Method			
Sample Method	X	X	12V Purge Pump

Field Parameters

Time	Volume Purged (gal)	Temp. (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
1307	2	20.59	1.219	7.60	7.67	-58.1	
	4	19.88	1.215	5.05	7.69	-44.5	
	6	19.74	1.229	4.21	7.67	-36.4	
1315	8	19.59	1.236	3.72	7.66	-28.6	

Sample Observations

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Floating Particles	X				
Precipitate	X				

Sample Time 1320

Sampler's Signature M. Rasman

28.10
 - 6.2

 13.8
 x .2

 2.76
 x 3

 8.28

Groundwater Monitoring Field Sheet

14.0
 1.2

 2.80
 x 3

 8.4

Site Dublin Toyota
 Sampling Personnel M. Rosman
 Weather Conditions Clear, mild

Project No. 2147-01-03
 Date 10/04/05

Well ID MW-3
 Depth to Water (ft) 6.02
 Water Column (ft) 14.0
 3X Well Volume (gal) - 8

Casing Diameter (inches) 2"
 Total Depth (ft) 20.0
 One Well Volume (gal) 2.8

Notes:
 One Well Volume is determined by multiplying "Water Column" by:
 • 0.059 for 1/4 inch well, 0.17 for 2 inch well, 0.38 for 3 inch well, 0.66 for 4 inch well, 1.50 for 6 inch well

Field Methods (check appropriate box)

Activity	Bailer	Pump	Comments
Purge Method			
Sample Method	X	X	12V Purge Pump

Field Parameters

Time	Volume Purged (gal)	Temp. (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
1328	2	24.30	5.507	5.20	7.27	17.4	forbid
	4	23.90	6.150	4.99	7.25	26.4	Cleaning
	6	22.48	6.852	4.49	7.23	27.7	
1335	8	22.39	6.758	4.05	7.23	30.3	

Sample Observations

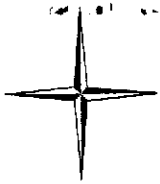
Characteristic	None	Slight	Moderate	Strong	Comments
Color					
Odor			X		SA light grey
Turbidity					
Sheen	X		X		
Floating Particles	Y				
Precipitate	Y				

Sample Time 1340

Sampler's Signature M. Rosman

ATTACHMENT B

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



SunStar Laboratories, Inc.

11 October 2005

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510
RE: Dublin Toyota

Enclosed are the results of analyses for samples received by the laboratory on 10/07/05 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Stack
Project Manager

Gribi Associates
1090 Adam Street, Suite K
Benicia CA, 94510

Project: Dublin Toyota
Project Number: 147-01-03
Project Manager: Jim Gribi

Reported:
10/11/05 12:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T501181-01	Water	10/04/05 14:05	10/07/05 09:30
MW-2	T501181-02	Water	10/04/05 13:20	10/07/05 09:30
MW-3	T501181-03	Water	10/04/05 13:40	10/07/05 09:30

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.



Jennifer Stack, Project Manager

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: 147-01-03
 Project Manager: Jim Gribi

Reported:
 10/11/05 12:07

MW-1
T501181-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	5100710	10/07/05	10/07/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		108 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	5100711	10/07/05	10/07/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	2500	50	"	50	"	"	10/10/05	"	
Surrogate: Toluene-d8		104 %	87.6-115		"	"	10/07/05	"	
Surrogate: 4-Bromofluorobenzene		110 %	80-112		"	"	"	"	
Surrogate: Dibromofluoromethane		103 %	78.6-122		"	"	"	"	

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.



Jennifer Stack, Project Manager

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: 147-01-03
 Project Manager: Jim Gribi

Reported:
 10/11/05 12:07

MW-2
T501181-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	5100710	10/07/05	10/07/05	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		119 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	5100711	10/07/05	10/07/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	5.2	1.0	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.8 %	87.6-115		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		110 %	80-112		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		104 %	78.6-122		"	"	"	"	

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.



Jennifer Stack, Project Manager

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: 147-01-03
 Project Manager: Jim Gribi

Reported:
 10/11/05 12:07

MW-3
T501181-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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SunStar Laboratories, Inc.

Purgeable Petroleum Hydrocarbons by EPA 8015m

C6-C12 (GRO)	ND	50	ug/l	1	5100710	10/07/05	10/07/05	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		113 %	65-135		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Benzene	ND	0.50	ug/l	1	5100711	10/07/05	10/07/05	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Methyl tert-butyl ether	380	1.0	"	"	"	"	"	"	
Surrogate: Toluene-d8		99.2 %	87.6-115		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %	80-112		"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	78.6-122		"	"	"	"	

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Jennifer Stack, Project Manager

Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: 147-01-03
 Project Manager: Jim Gribi

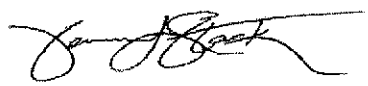
Reported:
 10/11/05 12:07

Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5100710 - EPA 5030 GC										
Blank (5100710-BLK1)										
Prepared & Analyzed: 10/07/05										
Surrogate: 4-Bromofluorobenzene	58.7		ug/l	50.0		117	65-135			
C6-C12 (GRO)	ND	50	"							
LCS (5100710-BS1)										
Prepared & Analyzed: 10/07/05										
Surrogate: 4-Bromofluorobenzene	50.8		ug/l	50.0		102	65-135			
C6-C12 (GRO)	6440	50	"	5500		117	75-125			
Matrix Spike (5100710-MS1)										
Source: T501181-02 Prepared & Analyzed: 10/07/05										
Surrogate: 4-Bromofluorobenzene	56.5		ug/l	50.0		113	65-135			
C6-C12 (GRO)	6120	50	"	5500	ND	111	65-135			
Matrix Spike Dup (5100710-MSD1)										
Source: T501181-02 Prepared & Analyzed: 10/07/05										
Surrogate: 4-Bromofluorobenzene	56.1		ug/l	50.0		112	65-135			
C6-C12 (GRO)	6260	50	"	5500	ND	114	65-135	2.26	20	

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Gribi Associates
 1090 Adam Street, Suite K
 Benicia CA, 94510

Project: Dublin Toyota
 Project Number: 147-01-03
 Project Manager: Jim Gribi

Reported:
 10/11/05 12:07

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100711 - EPA 5030 GCMS

Blank (5100711-BLK1)

Prepared & Analyzed: 10/07/05

Surrogate: Toluene-d8	39.7		ug/l	40.0		99.2	87.6-115			
Surrogate: 4-Bromofluorobenzene	44.0		"	40.0		110	80-112			
Surrogate: Dibromofluoromethane	39.4		"	40.0		98.5	78.6-122			
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.50	"							
Tert-amyl methyl ether	ND	2.0	"							
Tert-butyl alcohol	ND	10	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Methyl tert-butyl ether	ND	1.0	"							

LCS (5100711-BS1)

Prepared & Analyzed: 10/07/05

Surrogate: Toluene-d8	40.4		ug/l	40.0		101	87.6-115			
Surrogate: 4-Bromofluorobenzene	44.0		"	40.0		110	80-112			
Surrogate: Dibromofluoromethane	41.1		"	40.0		103	78.6-122			
Benzene	114	0.50	"	100		114	75-125			
Toluene	112	0.50	"	100		112	75-125			

Matrix Spike (5100711-MS1)

Source: T501181-02

Prepared & Analyzed: 10/07/05

Surrogate: Toluene-d8	41.0		ug/l	40.0		102	87.6-115			
Surrogate: 4-Bromofluorobenzene	45.0		"	40.0		112	80-112			
Surrogate: Dibromofluoromethane	42.1		"	40.0		105	78.6-122			
Benzene	121	0.50	"	100	ND	121	75-125			
Toluene	120	0.50	"	100	ND	120	75-125			

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Benicia CA, 94510

Project: Dublin Toyota
Project Number: 147-01-03
Project Manager: Jim Gribi

Reported:
10/11/05 12:07

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5100711 - EPA 5030 GCMS

Matrix Spike Dup (5100711-MSD1)

Source: T501181-02

Prepared & Analyzed: 10/07/05

Surrogate: Toluene-d8	40.2		ug/l	40.0		100	87.6-115			
Surrogate: 4-Bromofluorobenzene	43.5		"	40.0		109	80-112			
Surrogate: Dibromofluoromethane	41.8		"	40.0		104	78.6-122			
Benzene	120	0.50	"	100	ND	120	75-125	0.830	20	
Toluene	119	0.50	"	100	ND	119	75-125	0.837	20	

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Reported:
10/11/05 12:07

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

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Jennifer Stack, Project Manager