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April 10, 2008

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

Attention: Donna Drogos

Subject: First Quarter 2008 Groundwater Monitoring Report  
Dublin Toyota UST Site, 6450 Dublin Court, Dublin, California  
Alameda County LOP Site ID No. 699

Ladies and Gentlemen:

Attached please find a copy of the *First Quarter 2008 Groundwater Monitoring Report, Dublin Toyota UST Site, 6450 Dublin Court, Dublin, California*, prepared by Gribi Associates. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Very truly yours,

A handwritten signature in black ink, appearing to read "Scott F. Anderson".

Scott F. Anderson  
Chief Financial Officer  
Dublin Toyota



6450 DUBLIN COURT • DUBLIN • CA 94568 • 925 829-7700 • FAX 925 829-9025

[www.dublintoysota.com](http://www.dublintoysota.com)



April 10, 2008

GA Project No. 147-01-03

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

Attention: Ms. Donna Drogos

Subject: First Quarter 2008 Groundwater Monitoring Report  
Dublin Toyota UST Site  
6450 Dublin Court, Dublin, California  
Alameda County LOP Site ID No. 699

Ladies and Gentlemen:

Gribi Associates is pleased to submit this First Quarter 2008 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 February 28, 2008.

#### **DESCRIPTION OF SAMPLING ACTIVITIES**

1. Gribi Associates personnel conducted groundwater monitoring activities for all 13 site wells (MW-1, MW-2, MW-3, MW-4S, MW-4D, MW-5S, MW-5D, MW-6S, MW-6D, MW-7, MW-8, MW-9, MW-10) on February 28, 2008 (see Figure 3).
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 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 2.13 feet (MW-9) to 6.05 feet (MW-4D).
2. Groundwater elevations, which are shown on Figure 4, ranged from 321.50 feet (MW-6S) to 323.45 feet (MW-2).
3. Groundwater elevations in shallow (“A” Zone) and deeper (“B” Zone) wells are variable and relatively flat.
  - a. Based on the MTBE plume configuration, groundwater flow direction trends in a southwesterly direction.
4. Free-product was not present in any of the wells.

### **Laboratory Analytical Results**

1. Groundwater samples from the 13 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 5 and Figure 6.
4. The laboratory analytical data report and chain-of custody are contained in Attachment B.

## **CONCLUSIONS**

1. During this quarterly sampling event, most groundwater MTBE concentrations were similar to previous sampling events.
  - a. Releases from the former USTs migrated laterally approximately 150 to 200 feet in a southwest direction in the upper “A” Zone.
  - b. MTBE then migrated vertically to, and then laterally southwest in, the deeper “B” Zone.
  - c. Reductions in oxygenates in downgradient site wells appears to be the result of: (1) Past removal of the UST sources; and (2) Natural attenuation over the ensuing years since source removal.

## **PLANNED ACTIVITIES**

1. Gribi Associates plans to perform Second Quarter 2008 groundwater monitoring and sampling.

Alameda County Department of  
Environmental Health  
April 10, 2008  
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,



Aaron J. Garcia  
Environmental Scientist



James E. Gribi  
Professional Geologist  
California No. 5843

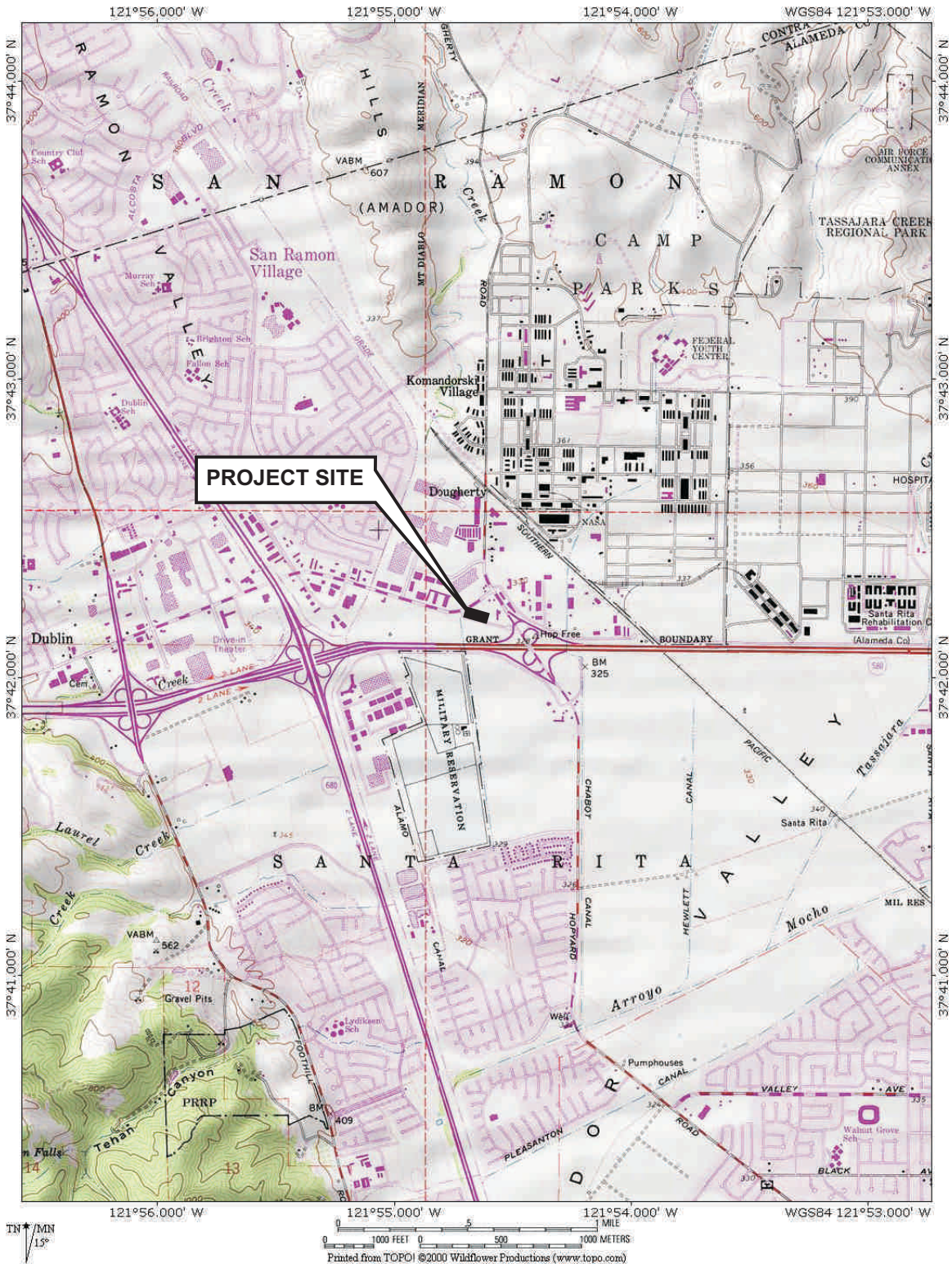



Enclosure

c:Mr. Scott Anderson, Dublin Toyota

## **FIGURES**





DESIGNED BY:	CHECKED BY:	<b>SITE VICINITY MAP</b>  DUBLIN TOYOTA 6450 DUBLIN COURT DUBLIN, CALIFORNIA	DATE: 12/31/07	FIGURE: 1
DRAWN BY: EGH	SCALE:			
PROJECT NO: 147-01				





DESIGNED BY:

CHECKED BY:

DRAWN BY: MAR

SCALE:

PROJECT NO: 147-01-06

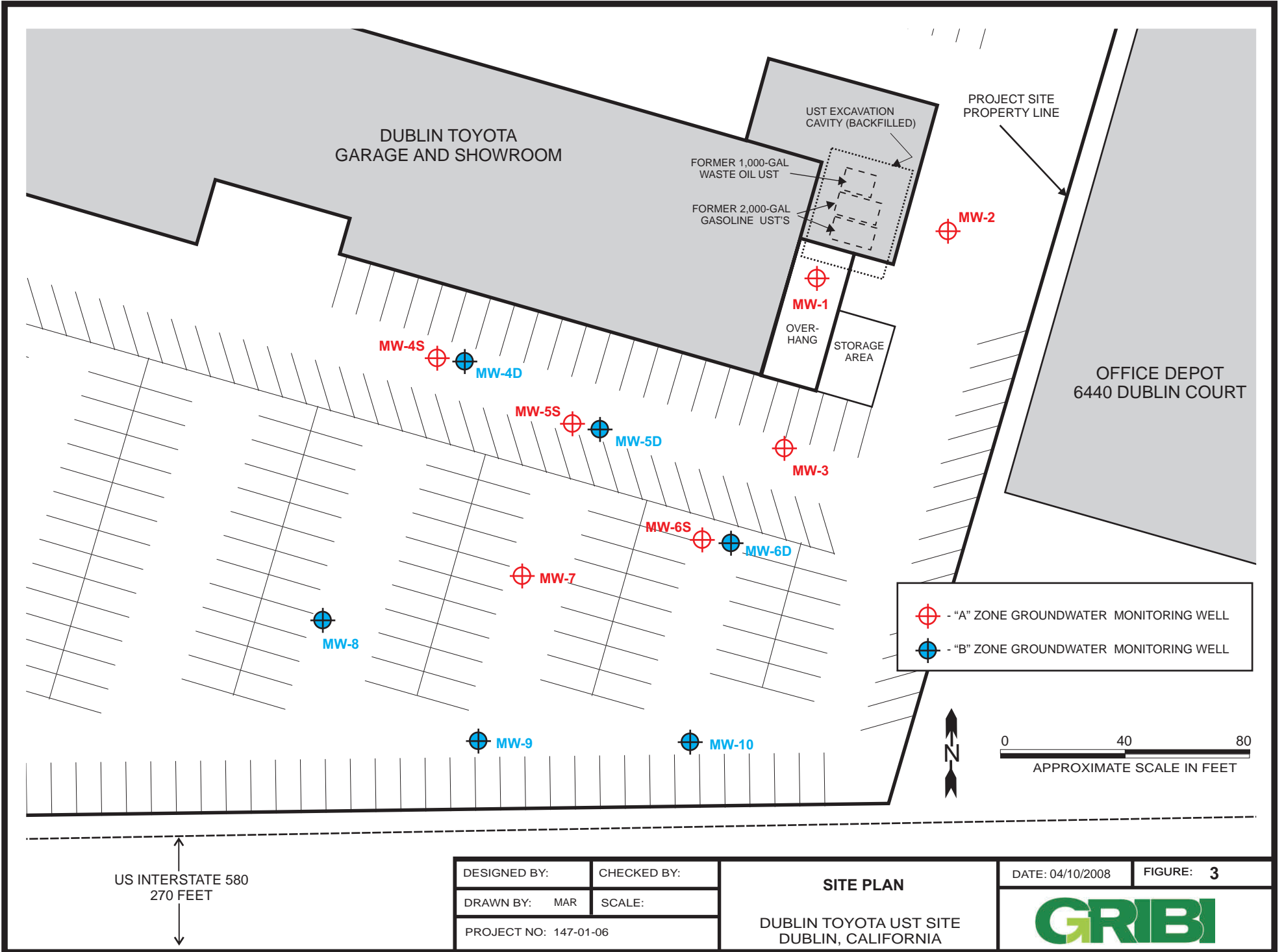
**AERIAL PHOTOGRAPH**

DUBLIN TOYOTA UST SITE  
DUBLIN, CALIFORNIA

DATE: 04/10/2008

FIGURE: 2





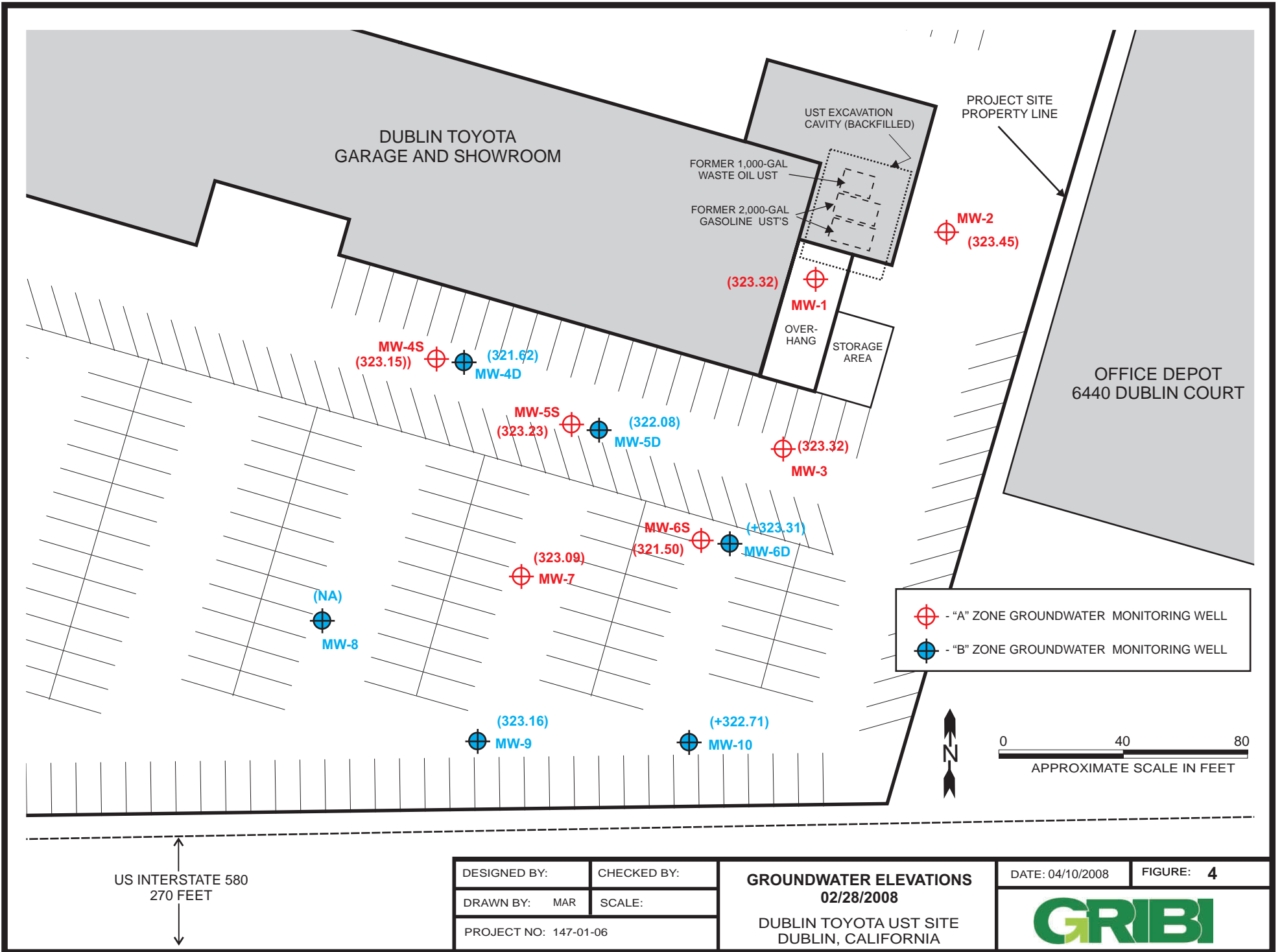
US INTERSTATE 580  
270 FEET

DESIGNED BY:	CHECKED BY:
DRAWN BY: MAR	SCALE:
PROJECT NO: 147-01-06	

**SITE PLAN**  
  
DUBLIN TOYOTA UST SITE  
DUBLIN, CALIFORNIA

DATE: 04/10/2008	FIGURE: 3
<b>GRIBI</b>	



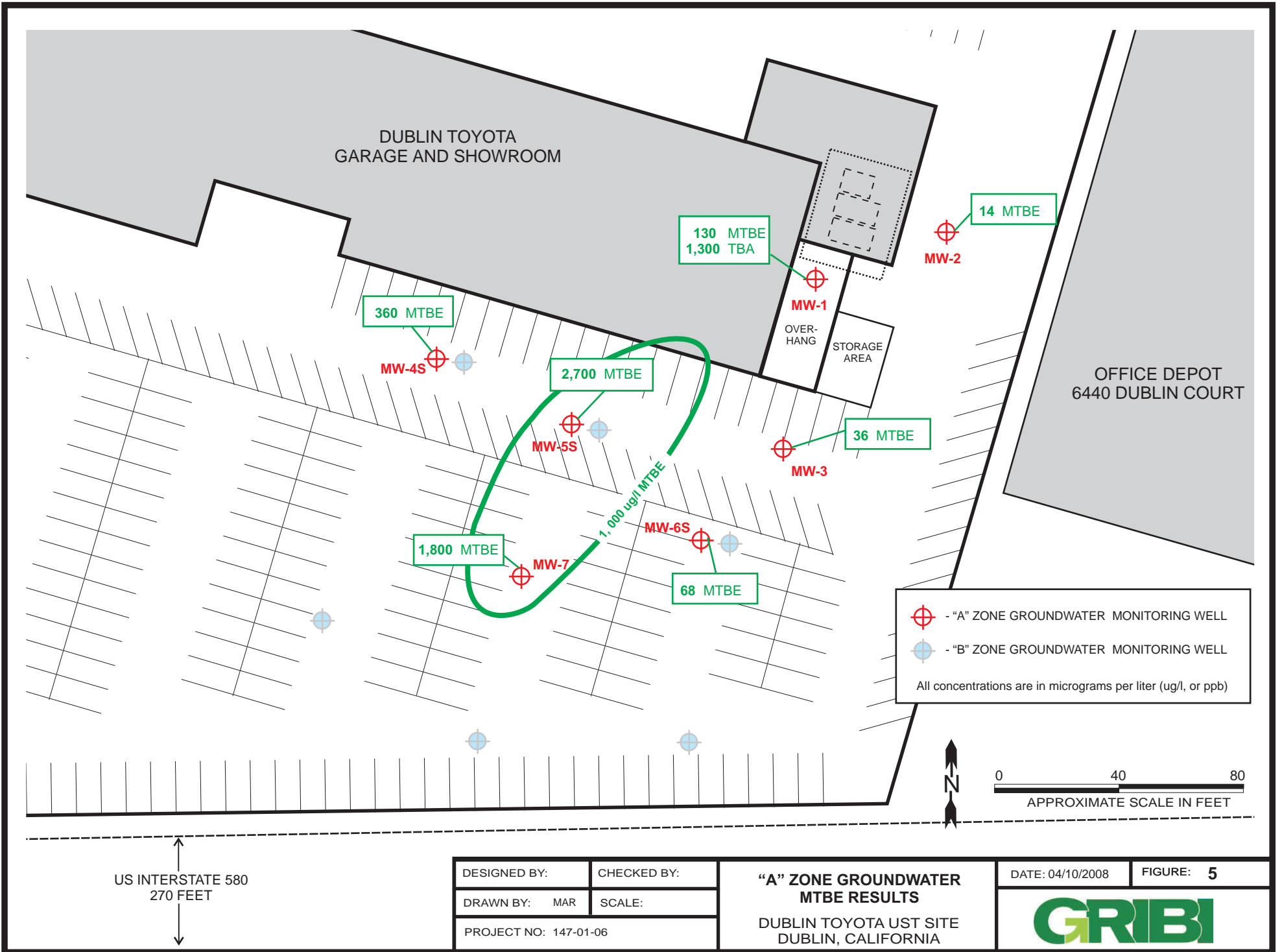


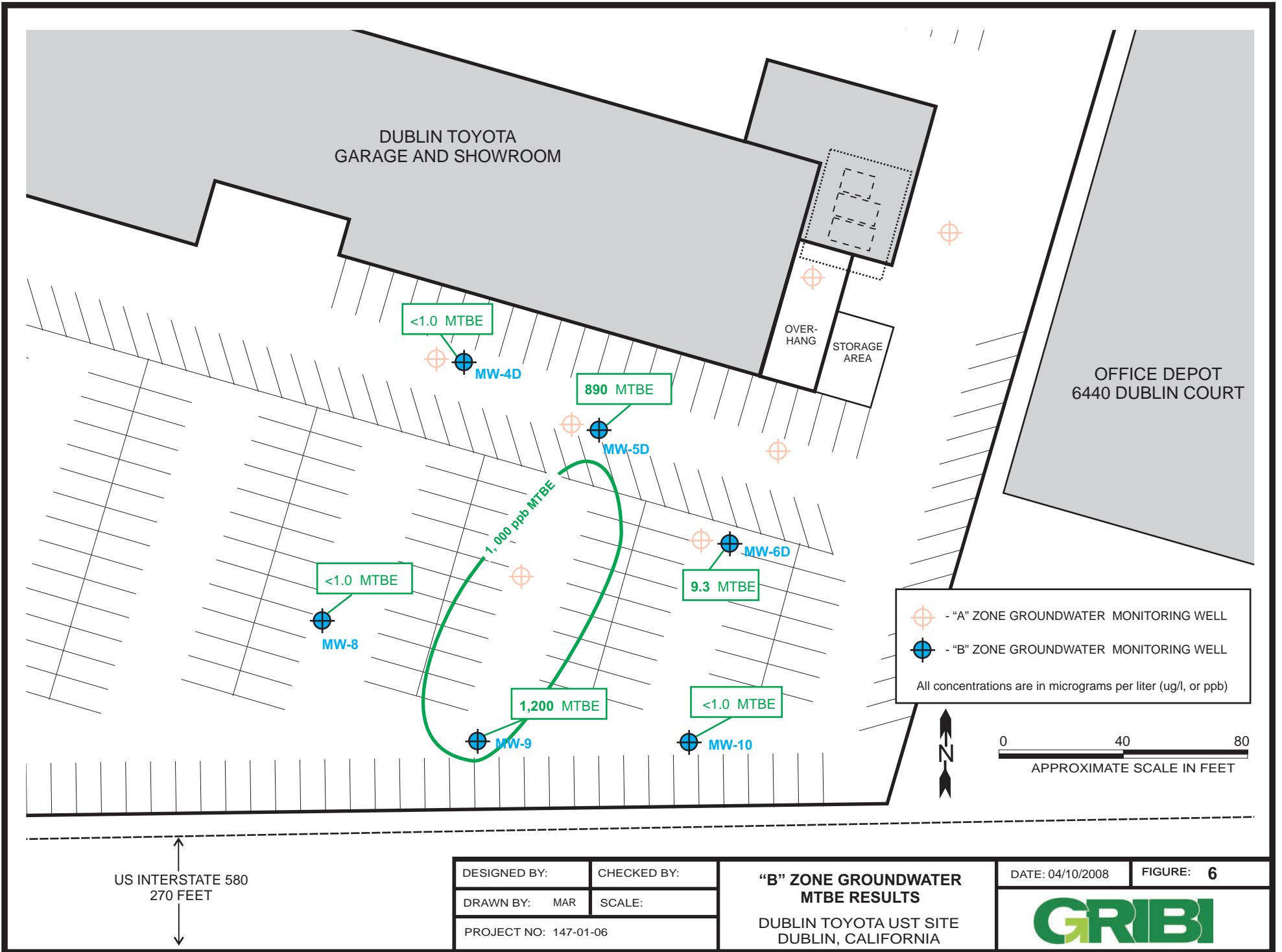
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DRAWN BY: MAR	SCALE:
PROJECT NO: 147-01-06	

**GROUNDWATER ELEVATIONS**  
**02/28/2008**  
 DUBLIN TOYOTA UST SITE  
 DUBLIN, CALIFORNIA

DATE: 04/10/2008    FIGURE: **4**

**GRIBI**





DUBLIN TOYOTA  
GARAGE AND SHOWROOM

OFFICE DEPOT  
6440 DUBLIN COURT

<1.0 MTBE

MW-4D

890 MTBE

MW-5D

<1.0 MTBE

MW-8

9.3 MTBE

MW-6D

1,200 MTBE

MW-9

<1.0 MTBE

MW-10

⊕ - "A" ZONE GROUNDWATER MONITORING WELL

⊙ - "B" ZONE GROUNDWATER MONITORING WELL

All concentrations are in micrograms per liter (ug/l, or ppb)

0 40 80  
APPROXIMATE SCALE IN FEET

US INTERSTATE 580  
270 FEET

DESIGNED BY:	CHECKED BY:
DRAWN BY: MAR	SCALE:
PROJECT NO: 147-01-06	

**"B" ZONE GROUNDWATER  
MTBE RESULTS**

DUBLIN TOYOTA UST SITE  
DUBLIN, CALIFORNIA

DATE: 04/10/2008 | FIGURE: 6



## **TABLE**



**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)										
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE	
<b>MW-1</b>	12/15/98	5.74	323.14	<b>46,000</b>	<100	<100	<100	<100	<100	--	--	--	--	<b>62,000</b>
<b>"A" Zone</b>	04/06/99	5.09	323.79	<b>45,000</b>	<50	<50	<50	<50	<50	--	--	--	--	<b>86,000<sup>1</sup></b>
<328.88>	07/14/99	6.18	322.7	<b>2,800</b>	<100	<100	<100	<100	<100	--	--	--	--	<b>65,000<sup>1</sup></b>
	10/14/99	6.86	322.02	<b>11,000</b>	<17	<17	<17	<17	<17	--	--	--	--	<b>98,000<sup>1</sup></b>
	08/18/00	6.98	321.9	<b>36,000</b>	<50	<50	<50	<50	<50	--	--	--	--	<b>66,000<sup>1</sup></b>
	05/29/02	6.42	322.46	<b>29,100</b>	<15	<15	<15	<30	<b>841</b>	<500	<100	N50	<b>27,800<sup>1</sup></b>	
	11/20/02	6.65	322.23	<b>110</b>	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	<b>20,000</b>	
	04/06/03	5.95	322.93	<b>1,300</b>	<1.0	<1.0	<1.0	<1.0	<b>10</b>	<b>360</b>	<2.0	<b>2.2</b>	<b>15,000</b>	
	07/13/03	6.55	322.33	<b>74</b>	<0.5	<0.5	<0.5	<1.0	<b>10</b>	<b>42</b>	<5.0	<5.0	<b>15,000</b>	
	02/11/04	5.74	323.14	<50	<0.5	<0.5	<0.5	<1.0	<b>10</b>	<b>420</b>	<2.0	<b>2.5</b>	<b>34,000</b>	
	06/16/04	6.37	322.51	<b>180</b>	<0.5	<0.5	<0.5	<1.0	<b>6.8</b>	<b>290</b>	<2.0	<2.0	<b>7,600</b>	
	10/16/04	7.29	321.59	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>6,720</b>	
	12/30/04	5.84	323.04	<b>92</b>	<0.5	<0.5	<0.5	<1.0	<b>5.2</b>	<10	<2.0	<2.0	<b>2,600</b>	
	03/22/05	5.22	323.66	<50	<0.5	<0.5	<0.5	<1.0	<b>7.3</b>	<10	<2.0	<2.0	<b>6,900</b>	
	06/10/05	6.17	322.71	<b>100</b>	<0.5	<0.5	<0.5	<1.0	<b>9.8</b>	<10	<2.0	<2.0	<b>25,000</b>	
	10/04/05	7.49	321.39	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>2,500</b>	
	12/21/05	7.18	321.70	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>6,800</b>	
	03/30/06	5.81	323.07	<50	<0.5	<0.5	<b>1.1</b>	<b>2.6</b>	<2.0	<10	<2.0	<2.0	<b>6,900</b>	
	06/01/06	7.20	321.68	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>5,100</b>	

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
	09/12/06	6.39	322.49	<50	<0.50	<0.50	<0.50	<1.0	<b>2.2</b>	<b>960</b>	<2.0	<2.0	<b>2,400</b>
	11/21/06	7.68	321.2	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<b>1,200</b>	<2.0	<2.0	<b>930</b>
	02/27/07	5.06	323.82	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>1,000</b>	<2.0	<2.0	<b>1,100</b>
	06/07/07	7.57	321.31	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>1,500</b>	<2.0	<2.0	<b>1,100</b>
	09/14/07	7.52	321.36	NA	<0.50	<0.50	<0.50	<1.0	<20	<b>640</b>	<2.0	<2.0	<b>280</b>
	11/17/07	7.28	321.60	NA	<0.50	<0.50	<0.50	<1.0	<20	<b>1,400</b>	<2.0	<2.0	<b>260</b>
	02/28/08	5.56	323.32	NA	<0.50	<0.50	<0.50	<1.0	<20	<b>1,300</b>	<2.0	<2.0	<b>130</b>
<b>MW-2</b>	12/15/98	4.3	323.34	<50	<0.50	<b>0.90</b>	<0.50	<b>1.5</b>	--	--	--	--	<5.0
<b>"A" Zone</b>	04/06/99	3.42	324.22	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0
<327.64>	07/14/99	4.76	322.88	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0
	10/14/99	5.48	322.16	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	<5.0
	08/18/00	5.72	321.92	<50	<0.50	<0.50	<0.50	<b>1.1</b>	--	--	--	--	<b>16</b>
	05/29/02	5.18	322.46	<50	<0.3	<0.3	<0.3	<b>3.9</b>	<2.0	<10	<2.0	<2.0	<b>2.6</b>
	11/20/02	5.52	322.12	<b>57</b>	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	<b>9.1</b>
	04/06/03	4.59	323.05	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<b>5.7</b>
	07/13/03	5.24	322.40	<50	<0.5	<0.5	<0.5	<1.0	<5.0	<10	<5.0	<5.0	<b>6.5</b>
	02/11/04	4.45	323.19	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>8.5</b>
	06/16/04	4.93	322.71	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>120</b>
	10/16/04	5.97	321.67	<b>78</b>	<0.5	<0.5	<0.5	<1.0	<b>4.1</b>	<10	<2.0	<2.0	<b>43.2</b>

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
	12/30/04	4.74	322.9	<50	<0.5	<0.5	<0.5	<1.0	<b>4.1</b>	<10	<2.0	<2.0	<b>14</b>
	03/22/05	3.86	323.78	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>13</b>
	06/10/05	4.83	322.81	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>14</b>
	10/04/05	6.19	321.45	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>5.2</b>
	12/21/05	5.81	321.83	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	03/30/06	4.55	323.09	<50	<0.5	<0.5	<b>1.7</b>	<b>3.9</b>	<2.0	<10	<2.0	<2.0	<b>13</b>
	06/01/06	5.93	321.71	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>14</b>
	09/12/06	8.65	318.99	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>22</b>
	11/21/06	6.42	321.22	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>19</b>
	02/27/07	5.14	322.50	NA	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>13</b>
	06/07/07	6.18	321.46	NA	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>30</b>
	09/14/07	6.31	321.33	NA	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>25</b>
	11/17/07	5.90	321.74	NA	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>13</b>
	02/28/08	4.19	323.45	NA	<0.5	<0.5	<0.5	<1.0	<2.0	<10.0	<2.0	<2.0	<b>14</b>
<b>MW-3</b>	08/18/00	5.67	321.77	<b>210</b>	<0.50	<b>0.58</b>	<0.50	<b>0.59</b>	--	--	--	--	<b>570<sup>1</sup></b>
<b>"A" Zone</b>	05/29/02	5.1	322.34	<50	<0.3	<0.3	<0.3	<b>219</b>	<2.0	<10	<2.0	<2.0	<b>281</b>
<327.44>	11/20/02	5.56	321.88	<b>200</b>	<0.5	<0.5	<0.5	<1.0	<20	<50	<20	<20	<b>460</b>
	04/06/03	4.64	322.8	<b>270</b>	<1.0	<1.0	<1.0	<1.0	<2.0	<10	<2.0	<2.0	<b>340</b>
	07/13/03	5.48	321.96	<50	<0.5	<0.5	<0.5	<1.0	<5.0	<10	<5.0	<5.0	<b>460</b>

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
	02/11/04	4.47	322.97	<50	<0.5	<0.5	<0.5	<1.0	<b>2.2</b>	<b>1,000</b>	<2.0	<2.0	<b>4,000</b>
	06/16/04	5.23	322.21	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>240</b>
	10/16/04	5.92	321.52	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>210</b>
	12/30/04	4.54	322.9	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<b>120</b>	<2.0	<2.0	<b>190</b>
	03/22/05	3.9	323.54	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>210</b>
	06/10/05	4.83	322.61	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>230</b>
	10/04/05	6.02	321.42	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>380</b>
	12/21/05	5.74	321.7	<50	<0.5	<0.5	<0.5	<1.0	<2.0	<10	<2.0	<2.0	<b>320</b>
	03/30/06	4.35	323.09	<50	<0.50	<0.50	<b>1.3</b>	<b>3.0</b>	<2.0	<10	<2.0	<2.0	<b>160</b>
	06/01/06	5.69	321.75	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>270</b>
	09/12/06	6.21	321.23	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>130</b>
	11/21/06	6.29	321.15	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<10	<2.0	<2.0	<b>90</b>
	02/27/07	-	-	NA	<0.50	<0.50	<0.50	<0.50	<2.0	<10	<2.0	<2.0	<b>39</b>
	06/7/07	5.98	321.46	NA	<0.50	<0.50	<0.50	<0.50	<2.0	<10	<2.0	<2.0	<b>270</b>
	09/14/07	6.11	321.33	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>59</b>
	11/17/07	5.86	321.58	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>75</b>
	02/28/08	4.12	323.32	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>36</b>



**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
<b>MW-4S</b>	04/27/06	5.03	322.77	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<b>"A" Zone</b>	06/01/06	3.72	324.08	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<327.80>	9/12/06	6.01	321.79	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	11/21/06	6.68	321.12	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2.1</b>
	02/27/07	5.39	322.41	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>3.0</b>
	06/07/07	6.38	321.42	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>27</b>
	09/14/07	-	-	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>15</b>
	11/17/07	6.39	321.41	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>73</b>
	02/28/08	4.65	323.15	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>360</b>
<b>MW-4D</b>	04/27/06	5.00	322.67	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<b>"B" Zone</b>	06/01/06	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<327.67>	09/12/06	4.23	323.44	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	11/21/06	6.51	321.16	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	02/27/07	-	-	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	06/07/07	7.51	320.16	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	09/14/07	-	--	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	11/17/07	6.43	321.24	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	02/28/08	6.05	321.62	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
<b>MW-5S</b>	04/27/06	4.25	322.84	<50	<0.50	<0.50	<0.50	<1.0	<b>4.6</b>	<10	<2.0	<2.0	<b>10,000</b>
<b>“A” Zone</b>	06/01/06	5.41	321.68	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>8,300</b>
<327.09>	09/12/06	5.85	321.24	<50	<0.50	<0.50	<0.50	<1.0	<b>3.5</b>	<b>340</b>	<2.0	<2.0	<b>6,500</b>
	11/21/06	5.57	321.52	<50	<0.50	<0.50	<0.50	<1.0	<b>3.5</b>	<b>1,200</b>	<2.0	<2.0	<b>4,700</b>
	02/27/07	4.61	322.48	NA	<0.50	<0.50	<0.50	<1.0	<b>2.9</b>	<b>1,400</b>	<2.0	<2.0	<b>3,800</b>
	06/07/07	5.61	321.48	NA	<0.50	<0.50	<0.50	<1.0	<b>3.2</b>	<10	<2.0	<2.0	<b>7,800</b>
	09/14/07	5.83	321.26	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>640</b>	<2.0	<2.0	<b>2,700</b>
	11/17/07	5.61	321.48	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>47</b>	<2.0	<2.0	<b>4,700</b>
	02/28/08	3.86	323.23	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,700</b>
<b>MW-5D</b>	04/27/06	4.01	323.29	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,900</b>
<b>“B” Zone</b>	06/01/06	5.85	321.45	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,300</b>
<327.30>	09/12/06	6.50	320.80	<50	<0.50	<0.50	<0.50	<1.0	<b>2.6</b>	<b>150</b>	<2.0	<2.0	<b>3,900</b>
	11/21/06	6.11	321.19	<50	<0.50	<0.50	<0.50	<1.0	<b>4.0</b>	<b>1,300</b>	<2.0	<2.0	<b>2,600</b>
	02/27/07	5.51	321.79	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>440</b>	<2.0	<2.0	<b>1,900</b>
	06/07/07	6.72	320.58	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,700</b>
	09/14/07	–	--	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>170</b>	<2.0	<2.0	<b>1,600</b>
	11/17/07	5.55	321.75	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>3,000</b>
	02/28/08	5.22	322.08	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>890</b>

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
<b>MW-6S</b>	04/27/06	12.32	314.21	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>190</b>
<b>“A” Zone</b>	06/01/06	11.39	315.14	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>73</b>
<326.53>	09/12/06	16.49	310.04	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>130</b>
	11/21/06	7.93	318.60	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>140</b>
	02/27/07	-	-	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>87</b>
	06/07/07	6.08	320.45	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>83</b>
	09/14/07	6.32	320.21	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>72</b>
	11/17/07	7.69	318.84	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>72</b>
	02/28/08	5.03	321.50	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>68</b>
<b>MW-6D</b>	04/27/06	4.09	322.63	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>22</b>
<b>“B” Zone</b>	06/01/06	4.85	321.87	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>11</b>
<326.72>	09/12/06	5.40	321.32	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>7.3</b>
	11/21/06	5.52	321.2	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>7.8</b>
	02/27/07	4.09	322.63	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>4.6</b>
	06/07/07	5.14	321.58	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>8.5</b>
	09/14/07	5.42	321.3	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>15</b>
	11/17/07	5.20	321.52	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>26</b>
	02/28/08	3.41	323.31	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>9.3</b>

**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
<b>MW-7</b>	04/27/06	3.33	322.83	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<b>“A” Zone</b>	06/01/06	4.47	321.69	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>16</b>
<326.16>	09/12/06	4.92	321.24	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>81</b>
	11/21/06	5.02	321.14	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>180</b>
	02/27/07	3.46	322.70	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>120</b>	<2.0	<2.0	<b>350</b>
	06/07/07	4.71	321.45	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>520</b>
	09/14/07	4.92	321.24	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>13</b>	<2.0	<2.0	<b>270</b>
	11/17/07	4.69	321.47	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>710</b>
	02/28/08	3.07	323.09	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,800</b>
<b>MW-8</b>	04/27/06	3.05	322.83	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,000</b>
<b>“B” Zone</b>	06/01/06	4.09	321.79	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,000</b>
<325.88>	09/12/06	4.58	321.3	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<b>150</b>	<2.0	<2.0	<b>2,500</b>
	11/21/06	5.73	320.15	<50	<0.50	<0.50	<0.50	<1.0	<b>2.2</b>	<b>430</b>	<2.0	<2.0	<b>1,900</b>
	02/27/07	3.03	322.85	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>330</b>	<2.0	<2.0	<b>1,600</b>
	06/07/07	4.32	321.56	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,500</b>
	09/14/07	4.45	321.43	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>58</b>	<2.0	<2.0	<b>630</b>
	11/17/07	4.39	321.49	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>640</b>
	02/28/08	-	-	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0



**Table 1**  
**SUMMARY OF GROUNDWATER ANALYTICAL RESULTS**  
Dublin Toyota UST Site

Sample ID	Sample Date	GW Depth	GW Elevation	Concentrations, in micrograms per liter (ug/l)									
				TPH-G	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
<b>MW-9</b>	04/27/06	2.45	322.84	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>2,200</b>
<b>"B" Zone</b>	06/01/06	3.52	321.77	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,000</b>
<325.29>	09/12/06	4.01	321.28	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<b>130</b>	<2.0	<2.0	<b>2,100</b>
	11/21/06	4.08	321.21	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<b>180</b>	<2.0	<2.0	<b>1,200</b>
	02/27/07	2.69	322.60	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>270</b>	<2.0	<2.0	<b>930</b>
	06/07/07	3.73	321.56	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,400</b>
	09/14/07	4.02	321.27	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<b>35</b>	<2.0	<2.0	<b>460</b>
	11/17/07	--	--	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>910</b>
	02/28/08	2.13	323.16	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>1,200</b>
<b>MW-10</b>	04/27/06	2.65	322.89	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>15</b>
<b>"B" Zone</b>	06/01/06	3.72	321.82	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
<325.54>	09/12/06	4.27	321.27	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>12</b>
	11/21/06	4.35	321.19	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>15</b>
	02/27/07	3.78	321.76	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>11</b>
	06/07/07	3.91	321.63	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>12</b>
	09/14/07	4.22	321.32	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0
	11/17/07	4.06	321.48	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>6.1</b>
	02/28/08	2.83	322.71	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<1.0

Table Notes:

GW Depth = Groundwater depth below top of casing.  
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.  
<328.88> = Surveyed top of casing mean sea level elevation.  
"A" Zone = Discontinuous sand and gravel layers shallower than 25 feet in depth.  
"B" Zone = Semi-continuous sand and gravel layer between about 30 and 35 feet in depth.  
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**

Ground Water Monitoring Field Sheet

Site Dublin Taylor

Project Number \_\_\_\_\_

Sampling Personnel ASL

Date 2/2/08

Weather Conditions SN

Well ID MWD-1

Casing Diameter (inches) 2"

Depth to Water (ft) 5.56

Total Depth (ft) 24.9

Water Column (ft) 19.34

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 11

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	Bailer	Pump	Comments
<u>Probe</u>		<u>X</u>	<u>12 V pump</u>


**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>8:25</u>	<u>5</u>	<u>19.33</u>	<u>2.137</u>	<u>12.44</u>	<u>8.21</u>	<u>-9.0</u>	
<u>8:30</u>	<u>6</u>	<u>18.69</u>	<u>2.871</u>	<u>1.10</u>	<u>7.52</u>	<u>37.3</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>///</u>				
Odor	<u>///</u>				
Turbidity	<u>///</u>				
Sheen	<u>///</u>				
Floating Particles					
Precipitate					

Sample Time 8:30

Sampler's Signature 



Ground Water Monitoring Field Sheet

Site Dublin Toyota

Project Number \_\_\_\_\_

Sampling Personnel ADK

Date 2/28/08

Weather Conditions SUN

Well ID MV-2

Casing Diameter (inches) 2"

Depth to Water (ft) 4.19

Total Depth (ft) 28.8'

Water Column (ft) 24.61

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 5

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
<u>PUMP</u>		<u>X</u>	<u>12 v pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>7:25</u>	<u>5</u>	<u>17.93</u>	<u>1.866</u>	<u>11.07</u>	<u>7.84</u>	<u>90.2</u>	
<u>7:30</u>	<u>5</u>	<u>17.79</u>	<u>1.951</u>	<u>1.43</u>	<u>8.35</u>	<u>1.9</u>	

**Sample Observations**

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

Sample Time 7:30

Sampler's Signature 

Ground Water Monitoring Field Sheet

Site Dublin Tapara

Project Number \_\_\_\_\_

Sampling Personnel AKH

Date 2/23/09

Weather Conditions SUN

Well ID MW-3

Casing Diameter (inches) 2"

Depth to Water (ft) 4.12

Total Depth (ft) 28.2

Water Column (ft) 24.08

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 14

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	Bailer	Pump	Comments
<u>Pump</u>		<u>X</u>	<u>12 v amp</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>9:30</u>	<u>5</u>	<u>20.45</u>	<u>5.752</u>	<u>10.10</u>	<u>7.55</u>	<u>14.6</u>	
<u>9:35</u>	<u>5</u>	<u>19.47</u>	<u>4.938</u>	<u>1.10</u>	<u>7.40</u>	<u>42.5</u>	
<u>9:40</u>	<u>4</u>	<u>20.10</u>	<u>5.123</u>	<u>0.81</u>	<u>7.47</u>	<u>38.2</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>///</u>				
Odor	<u>///</u>				
Turbidity	<u>///</u>				
Sheen	<u>///</u>				
Floating Particles					
Precipitate					

Sample Time 9:40

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Twp PA

Project Number \_\_\_\_\_

Sampling Personnel ASH

Date 2/28/08

Weather Conditions SUN

Well ID MW-45

Casing Diameter (inches) 3/4"

Depth to Water (ft) 4.45

Total Depth (ft) 20'

Water Column (ft) 15.35

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 1

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	Bailer	Pump	Comments
<u>Pump</u>		<u>X</u>	<u>PERIST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>10:55</u>	<u>1/2</u>	<u>20.99</u>	<u>3.604</u>	<u>0.58</u>	<u>8.54</u>	<u>-48.0</u>	
<u>11:00</u>	<u>1/2</u>	<u>21.02</u>	<u>3.845</u>	<u>0.43</u>	<u>7.84</u>	<u>62.8</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>/</u>				
Odor	<u>/</u>				
Turbidity	<u>/</u>				
Sheen	<u>/</u>				
Floating Particles					
Precipitate					

Sample Time 11:00

Sampler's Signature 



Ground Water Monitoring Field Sheet

Site Dublin Twp PA

Project Number \_\_\_\_\_

Sampling Personnel ASH

Date 2/28/08

Weather Conditions SN

Well ID MW-40

Casing Diameter (inches) 3/4"

Depth to Water (ft) 6.25

Total Depth (ft) 40'

Water Column (ft) 33.95

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 2

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	Bailer	Pump	Comments
<u>Purge</u>		<u>X</u>	<u>PARAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>11:45</u>	<u>1</u>	<u>20.74</u>	<u>1.864</u>	<u>8.81</u>	<u>8.17</u>	<u>14.5</u>	
<u>11:50</u>	<u>1</u>	<u>20.65</u>	<u>1.654</u>	<u>1.09</u>	<u>8.16</u>	<u>8.0</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>✓</u>				
Odor	<u>✓</u>				
Turbidity	<u>✓</u>				
Sheen	<u>✓</u>				
Floating Particles					
Precipitate					

Sample Time 11:50

Sampler's Signature 

Ground Water Monitoring Field Sheet

Site Dublin Toyota

Project Number \_\_\_\_\_

Sampling Personnel AFH

Date 2/28/08

Weather Conditions SUN

Well ID MW-55

Casing Diameter (inches) 3/4"

Depth to Water (ft) 3.86

Total Depth (ft) 20

Water Column (ft) 16.14

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 1

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	Bailer	Pump	Comments
<u>Amke</u>		<u>X</u>	<u>PALAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>2:55</u>	<u>1/2</u>	<u>20.65</u>	<u>2.659</u>	<u>0.64</u>	<u>8.42</u>	<u>-48.4</u>	
<u>3:00</u>	<u>1/2</u>	<u>20.74</u>	<u>2.744</u>	<u>0.58</u>	<u>7.94</u>	<u>-8.2</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>✓</u>				
Odor	<u>✓</u>				
Turbidity	<u>✓</u>				
Sheen	<u>✓</u>				
Floating Particles					
Precipitate					

Sample Time 3:00

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dustin Tempita

Project Number \_\_\_\_\_

Sampling Personnel Don

Date 2/28/08

Weather Conditions SUN

Well ID MW-50

Casing Diameter (inches) 3/4"

Depth to Water (ft) 5.22

Total Depth (ft) 40'

Water Column (ft) 34.78

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 2

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	Bailer	Pump	Comments
<u>Probe</u>		<u>X</u>	<u>PARAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>3:25</u>	<u>1</u>	<u>20.00</u>	<u>2.509</u>	<u>2.31</u>	<u>8.53</u>	<u>-103.3</u>	
<u>3:30</u>	<u>1</u>	<u>20.25</u>	<u>2.476</u>	<u>6.30</u>	<u>8.46</u>	<u>-65.8</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>✓</u>				
Odor	<u>✓</u>				
Turbidity	<u>✓</u>				
Sheen	<u>✓</u>				
Floating Particles					
Precipitate					

Sample Time 3:30

Sampler's Signature [Signature]



Ground Water Monitoring Field Sheet

Site Dublin Tampa

Project Number \_\_\_\_\_

Sampling Personnel ADH

Date 2/28/08

Weather Conditions sun

Well ID MW-65

Casing Diameter (inches) 3/4"

Depth to Water (ft) 5.83

Total Depth (ft) 20'

Water Column (ft) 14.97

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 1

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	Bailer	Pump	Comments
<u>Pump</u>		<u>X</u>	<u>PERAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>1:25</u>	<u>1/2</u>	<u>20.77</u>	<u>4.255</u>	<u>4.57</u>	<u>8.52</u>	<u>-59.3</u>	
<u>1:30</u>	<u>1/2</u>	<u>19.96</u>	<u>4.297</u>	<u>2.61</u>	<u>7.59</u>	<u>6.7</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>/</u>				
Odor	<u>/</u>				
Turbidity	<u>/</u>				
Sheen	<u>/</u>				
Floating Particles					
Precipitate					

Sample Time 1:30

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Toyota

Project Number \_\_\_\_\_

Sampling Personnel AOH

Date 2/28/08

Weather Conditions sun

Well ID MW-6D

Casing Diameter (inches) 3/4"

Depth to Water (ft) 3.41

Total Depth (ft) 40'

Water Column (ft) 36.59

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 2

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	Bailer	Pump	Comments
<u>Probe</u>		<u>X</u>	<u>Perist. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>1:55</u>	<u>31</u>	<u>20.05</u>	<u>3.162</u>	<u>-1.25</u>	<u>8.84</u>	<u>-112.8</u>	
<u>2:00</u>	<u>31</u>	<u>20.06</u>	<u>3.15</u>	<u>0.25</u>	<u>8.02</u>	<u>-44.0</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>/</u>				
Odor	<u>/</u>				
Turbidity	<u>/</u>				
Sheen	<u>/</u>				
Floating Particles					
Precipitate					

Sample Time 2:00

Sampler's Signature [Signature]



Ground Water Monitoring Field Sheet

Site Dublin Twp PA

Project Number \_\_\_\_\_

Sampling Personnel ADH

Date 2/28/08

Weather Conditions SUN

Well ID MW-7

Casing Diameter (inches) 3/4"

Depth to Water (ft) 3.07

Total Depth (ft) 20'

Water Column (ft) 16.93

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 1

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	Bailer	Pump	Comments
<u>PULHE</u>		<u>X</u>	<u>PARAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>12:45</u>	<u>1/2</u>	<u>20.22</u>	<u>5.224</u>	<u>12.78</u>	<u>7.90</u>	<u>96.8</u>	
<u>12:50</u>	<u>1/2</u>	<u>20.27</u>	<u>4.127</u>	<u>2.91</u>	<u>8.07</u>	<u>32.6</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>/</u>				
Odor	<u>/</u>				
Turbidity	<u>/</u>				
Sheen	<u>/</u>				
Floating Particles					
Precipitate					

Sample Time 12:50

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site DUBLIN TOYOTA

Project Number \_\_\_\_\_

Sampling Personnel ADH

Date 2/28/08

Weather Conditions Sun

Well ID MW-8

Casing Diameter (inches) 3/4"

Depth to Water (ft) —

Total Depth (ft) 40'

Water Column (ft) —

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) —

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	Bailer	Pump	Comments
<u>PUMP</u>		<u>X</u>	<u>PARAST. Pump</u>

**Field Parameters** DID NOT RECORD

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>✓</u>				
Odor	<u>✓</u>				
Turbidity	<u>✓</u>				
Sheen	<u>✓</u>				
Floating Particles					
Precipitate					

Sample Time 5:50

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Toyota

Project Number \_\_\_\_\_

Sampling Personnel ASH

Date 2/28/08

Weather Conditions SN

Well ID MW-9

Casing Diameter (inches) 3 1/4"

Depth to Water (ft) 2.13

Total Depth (ft) 40'

Water Column (ft) 37.87

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 2

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	Bailer	Pump	Comments
<u>PUMP</u>		<u>X</u>	<u>PARAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>4:25</u>	<u>1</u>	<u>19.51</u>	<u>8.620</u>	<u>0.44</u>	<u>6.28</u>	<u>-89.1</u>	
<u>4:30</u>	<u>1</u>	<u>19.42</u>	<u>4.322</u>	<u>0.37</u>	<u>7.50</u>	<u>-27.8</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>/</u>				
Odor	<u>/</u>				
Turbidity	<u>/</u>				
Sheen	<u>/</u>				
Floating Particles					
Precipitate					

Sample Time 4:30

Sampler's Signature [Signature]



Ground Water Monitoring Field Sheet

Site Dublin Twp

Project Number \_\_\_\_\_

Sampling Personnel ADZ

Date 2/28/08

Weather Conditions SUN

Well ID MW-1A

Casing Diameter (inches) 3/4"

Depth to Water (ft) 2.83

Total Depth (ft) 40'

Water Column (ft) 37.17

One Well Volume (gal) \_\_\_\_\_

3X Well Volume (gal) 2

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	Bailer	Pump	Comments
<u>Purge</u>		<u>X</u>	<u>PACAST. Pump</u>

**Field Parameters**

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>5:10</u>	<u>1</u>	<u>18.84</u>	<u>0.416</u>	<u>-1.67</u>	<u>9.29</u>	<u>-145.6</u>	
<u>5:15</u>	<u>1</u>	<u>19.19</u>	<u>0.345</u>	<u>0.87</u>	<u>8.41</u>	<u>-83.0</u>	

**Sample Observations**

Characteristic	None	Slight	Moderate	Strong	Comments
Color	<u>✓</u>				
Odor	<u>✓</u>				
Turbidity	<u>✓</u>				
Sheen	<u>✓</u>				
Floating Particles					
Precipitate					

Sample Time 5:15

Sampler's Signature [Signature]

**ATTACHMENT B**

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

06 March 2008

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 03/01/08 09:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Albert Vargas".

Albert Vargas  
Senior Project Coordinator

SunStar Laboratories, Inc.  
 3002 Dow Ave, Suite 212  
 Tustin, CA 92780  
 1-800-781-6777

## Chain of Custody Record

Client: GRIBI ASSOCIATES  
 Address: 1090 ADAMS STREET, SUITE K  
 Phone: (707) 748-7743 Fax: (707) 748-7763  
 Project Manager: JAMES GRIBI

Date: 2/24/08 Page:      Of       
 Project Name: Dustin Taylor  
 Collector: David Garcia Client Project #:       
 Batch #: 1800267 Proposal #:     

Sample ID	Date Sampled	Time	Sample Type	Container Type	BTEX/TPH Gas/MTBE (8021B/M8015)	TPH as Gas (M8015)	TPH as Diesel (M8015)	TPH as Motor Oil (M8015)	TPH Gas/BTEX/MTBE (8260B)	5 Oxygenates/TPH Gas/BTEX (8260B)	7 Oxygenates/TPH Gas/BTEX (8260B)	5 Oxygenates (8260B)	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)	Laboratory ID #	Preservative	Comments	Total # of containers
MV-1	2/18/08	6:30	WATER	VIA					X							01			4
MV-2		7:30							X							02			4
MV-3		9:40							X							03			4
MV-4S		11:00							X							04			4
MV-4D		11:50							X							05			4
MV-5S		3:00							X							06			4
MV-5D		3:30							X							07			4
MV-6S		1:30							X							08			4
MV-6D		2:00							X							09			4
MV-7		12:10							X							10			4
MV-8		5:10							X							11			4
MV-9		4:30							X							12			4
MV-10		5:15							X							13			4
																#			

STD. TAT

Relinquished by: (signature) <i>[Signature]</i>	Date / Time 2/19/08 3:10	Received by: (signature) <i>[Signature]</i>	Date / Time 2/29/08 3:10	Total # of containers Chain of Custody seals Y/N/NA Seals intact? Y/N/NA Received good condition/cold	Notes <i>NEED FOR FILE</i>
Relinquished by: (signature) <i>[Signature]</i>	Date / Time 3-1-08 9:15	Received by: (signature) <i>[Signature]</i>	Date / Time 3-1-08 9:15		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time		

Sample disposal Instructions: Disposal @ \$2.00 each \_\_\_\_\_ Return to client \_\_\_\_\_ Pickup \_\_\_\_\_

Turn around time: \_\_\_\_\_

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

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

**Reported:**  
03/06/08 15:50

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T800267-01	Water	02/28/08 08:30	03/01/08 09:15
MW-2	T800267-02	Water	02/28/08 07:30	03/01/08 09:15
MW-3	T800267-03	Water	02/28/08 09:40	03/01/08 09:15
MW-4S	T800267-04	Water	02/28/08 11:00	03/01/08 09:15
MW-4D	T800267-05	Water	02/28/08 11:50	03/01/08 09:15
MW-5S	T800267-06	Water	02/28/08 15:00	03/01/08 09:15
MW-5D	T800267-07	Water	02/28/08 15:30	03/01/08 09:15
MW-6S	T800267-08	Water	02/28/08 13:30	03/01/08 09:15
MW-6D	T800267-09	Water	02/28/08 14:00	03/01/08 09:15
MW-7	T800267-10	Water	02/28/08 12:50	03/01/08 09:15
MW-8	T800267-11	Water	02/28/08 17:50	03/01/08 09:15
MW-9	T800267-12	Water	02/28/08 16:30	03/01/08 09:15
MW-10	T800267-13	Water	02/28/08 17:15	03/01/08 09:15

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.*



Albert Vargas, Senior Project Coordinator



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

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

**Reported:**  
 03/06/08 15:50

**MW-1**  
**T800267-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Tert-butyl alcohol</b>	<b>1300</b>	500	"	50	"	"	03/05/08	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	03/03/08	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>130</b>	50	"	50	"	"	03/05/08	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.0 %		77.1-110	"	"	03/03/08	"	
<i>Surrogate: Dibromofluoromethane</i>		85.6 %		66.3-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.0 %		90.9-105	"	"	"	"	

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.*



Albert Vargas, Senior Project Coordinator

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

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

**Reported:**  
 03/06/08 15:50

**MW-2**  
**T800267-02 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>14</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.2 %		77.1-110	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.9 %		66.3-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94.9 %		90.9-105	"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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

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

**Reported:**  
 03/06/08 15:50

**MW-3**  
**T800267-03 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>36</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	77.1-110		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		89.9 %	66.3-111		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	90.9-105		"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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

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

**Reported:**  
 03/06/08 15:50

**MW-4S**  
**T800267-04 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>360</b>	<b>250</b>	<b>"</b>	<b>250</b>	<b>"</b>	<b>"</b>	<b>03/05/08</b>	<b>"</b>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>93.4 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>03/03/08</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>89.2 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>99.6 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
03/06/08 15:50

**MW-4D**  
**T800267-05 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.8 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>89.5 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>98.1 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
 03/06/08 15:50

**MW-5S**  
**T800267-06 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>2700</b>	<b>500</b>	<b>"</b>	<b>500</b>	<b>"</b>	<b>"</b>	<b>03/05/08</b>	<b>"</b>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>93.6 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>03/03/08</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>88.6 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>98.5 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
 03/06/08 15:50

**MW-5D**  
**T800267-07 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>890</b>	500	"	500	"	"	03/05/08	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.9 %		77.1-110	"	"	03/03/08	"	
<i>Surrogate: Dibromofluoromethane</i>		92.2 %		66.3-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98.4 %		90.9-105	"	"	"	"	

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

**Reported:**  
 03/06/08 15:50

**MW-6S**  
**T800267-08 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>68</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.5 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>90.4 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>96.4 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
 03/06/08 15:50

**MW-6D**  
**T800267-09 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>9.3</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.9 %		77.1-110	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		90.1 %		66.3-111	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.1 %		90.9-105	"	"	"	"	

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Albert Vargas, Senior Project Coordinator

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

**Reported:**  
 03/06/08 15:50

**MW-7  
 T800267-10 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>1800</b>	<b>500</b>	<b>"</b>	<b>500</b>	<b>"</b>	<b>"</b>	<b>03/05/08</b>	<b>"</b>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>95.6 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>03/03/08</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>88.6 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>98.2 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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Benicia CA, 94510

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

**Reported:**  
03/06/08 15:50

**MW-8**  
**T800267-11 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>95.8 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>90.4 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>99.2 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
03/06/08 15:50

**MW-9**  
**T800267-12 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>1200</b>	<b>500</b>	<b>"</b>	<b>500</b>	<b>"</b>	<b>"</b>	<b>03/05/08</b>	<b>"</b>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>92.6 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>03/03/08</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>89.9 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>98.6 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

**Reported:**  
03/06/08 15:50

**MW-10**  
**T800267-13 (Water)**

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

**Volatile Organic Compounds by EPA Method 8260B**

Benzene	ND	0.50	ug/l	1	8030305	03/03/08	03/03/08	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	ND	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>95.2 %</i>	<i>77.1-110</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>89.8 %</i>	<i>66.3-111</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>101 %</i>	<i>90.9-105</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

Reported:  
 03/06/08 15:50

**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 8030305 - EPA 5030 GCMS**

**Blank (8030305-BLK1)**

Prepared & Analyzed: 03/03/08

Surrogate: 4-Bromofluorobenzene	7.88		ug/l	8.00		98.5	77.1-110			
Surrogate: Dibromofluoromethane	8.58		"	8.00		107	66.3-111			
Surrogate: Toluene-d8	7.98		"	8.00		99.8	90.9-105			
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	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	5.0	"							

**LCS (8030305-BS1)**

Prepared & Analyzed: 03/03/08

Surrogate: 4-Bromofluorobenzene	8.47		ug/l	8.00		106	77.1-110			
Surrogate: Dibromofluoromethane	8.87		"	8.00		111	66.3-111			
Surrogate: Toluene-d8	7.93		"	8.00		99.1	90.9-105			
Chlorobenzene	22.1	1.0	"	20.0		111	75-125			
1,1-Dichloroethene	22.7	1.0	"	20.0		114	75-125			
Trichloroethene	20.6	1.0	"	20.0		103	75-125			
Benzene	22.3	0.50	"	20.0		111	75-125			
Toluene	21.6	0.50	"	20.0		108	75-125			

**Matrix Spike (8030305-MS1)**

Source: T800267-03

Prepared & Analyzed: 03/03/08

Surrogate: 4-Bromofluorobenzene	7.56		ug/l	8.00		94.5	77.1-110			
Surrogate: Dibromofluoromethane	6.89		"	8.00		86.1	66.3-111			
Surrogate: Toluene-d8	7.92		"	8.00		99.0	90.9-105			
Chlorobenzene	21.1	1.0	"	20.0	ND	106	75-125			
1,1-Dichloroethene	19.5	1.0	"	20.0	ND	97.5	75-125			
Trichloroethene	18.8	1.0	"	20.0	ND	94.0	75-125			
Benzene	20.5	0.50	"	20.0	ND	102	75-125			
Toluene	20.1	0.50	"	20.0	ND	101	75-125			

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.



Albert Vargas, Senior Project Coordinator

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

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

**Reported:**  
 03/06/08 15:50

**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 8030305 - EPA 5030 GCMS**

**Matrix Spike Dup (8030305-MSD1)**

**Source: T800267-03**

Prepared & Analyzed: 03/03/08

Surrogate: 4-Bromofluorobenzene	7.69		ug/l	8.00		96.1	77.1-110			
Surrogate: Dibromofluoromethane	6.77		"	8.00		84.6	66.3-111			
Surrogate: Toluene-d8	8.02		"	8.00		100	90.9-105			
Chlorobenzene	21.9	1.0	"	20.0	ND	110	75-125	3.67	20	
1,1-Dichloroethene	21.2	1.0	"	20.0	ND	106	75-125	8.31	20	
Trichloroethene	20.1	1.0	"	20.0	ND	101	75-125	6.73	20	
Benzene	21.7	0.50	"	20.0	ND	108	75-125	5.60	20	
Toluene	21.3	0.50	"	20.0	ND	107	75-125	5.65	20	

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

**Reported:**  
03/06/08 15:50

### 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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Albert Vargas, Senior Project Coordinator