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Alameda County  
Environmental Health



October 29, 2007

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: Third Quarter 2007 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 Third Quarter 2007 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 September 14, 2007.

#### **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 September 14, 2007 (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 4.02 feet(MW-9) to 7.52 feet (MW-1).
2. Groundwater elevations, which are shown on Figure 4, ranged from 320.21 feet (MW-6S) to 321.43 feet (MW-8).
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 three 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, groundwater MTBE concentrations were lower than the results from 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 Fourth Quarter 2007 groundwater monitoring and sampling.


Alameda County Department of  
Environmental Health  
October 29, 2007  
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



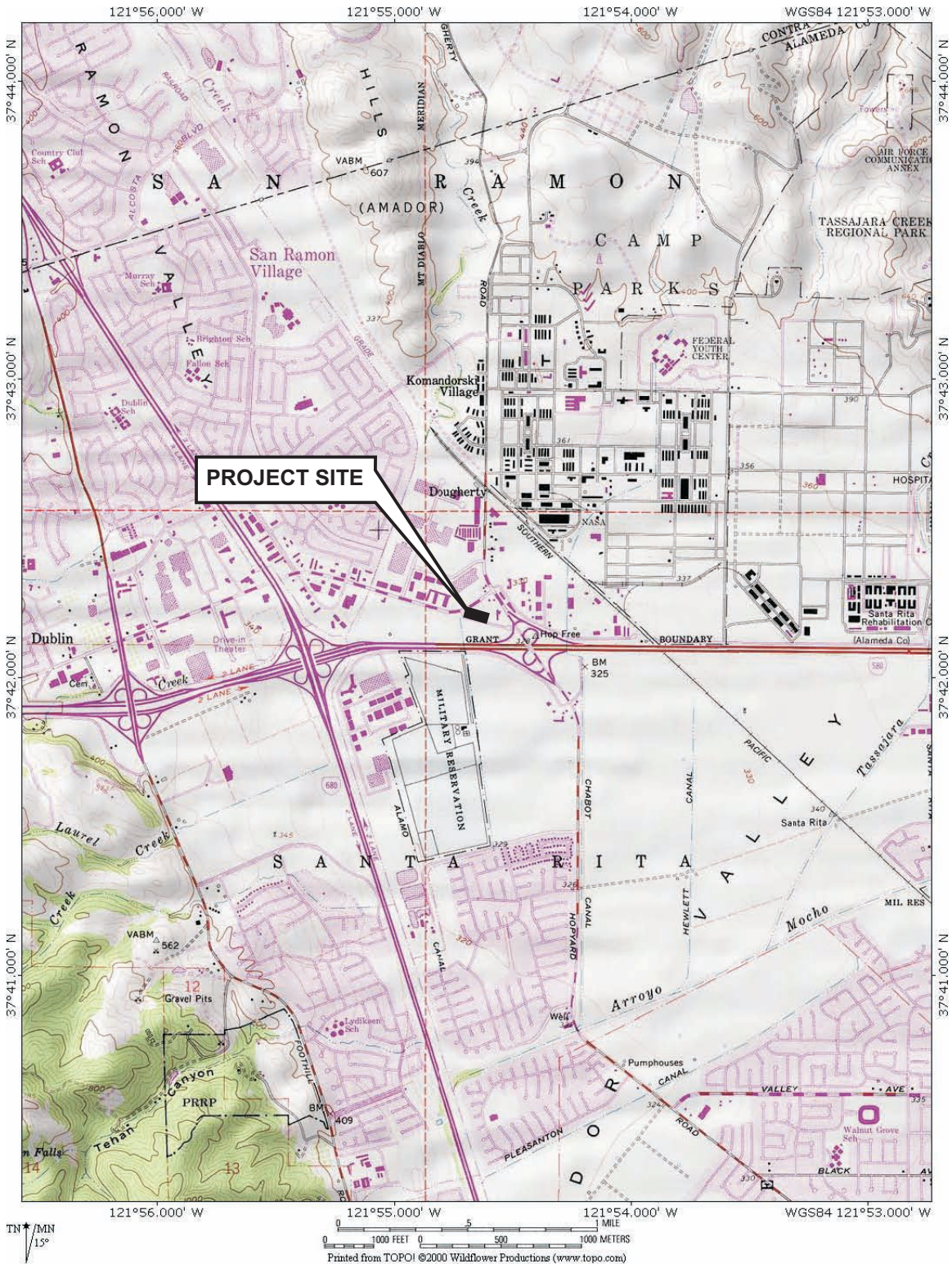
James E. Gribi  
Registered Geologist  
California No. 5843




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: 09/04/07	FIGURE: 1
DRAWN BY: EGH	SCALE:			
PROJECT NO: 147-01				



DESIGNED BY:

CHECKED BY:

DRAWN BY: MAR

SCALE:

PROJECT NO: 147-01-06

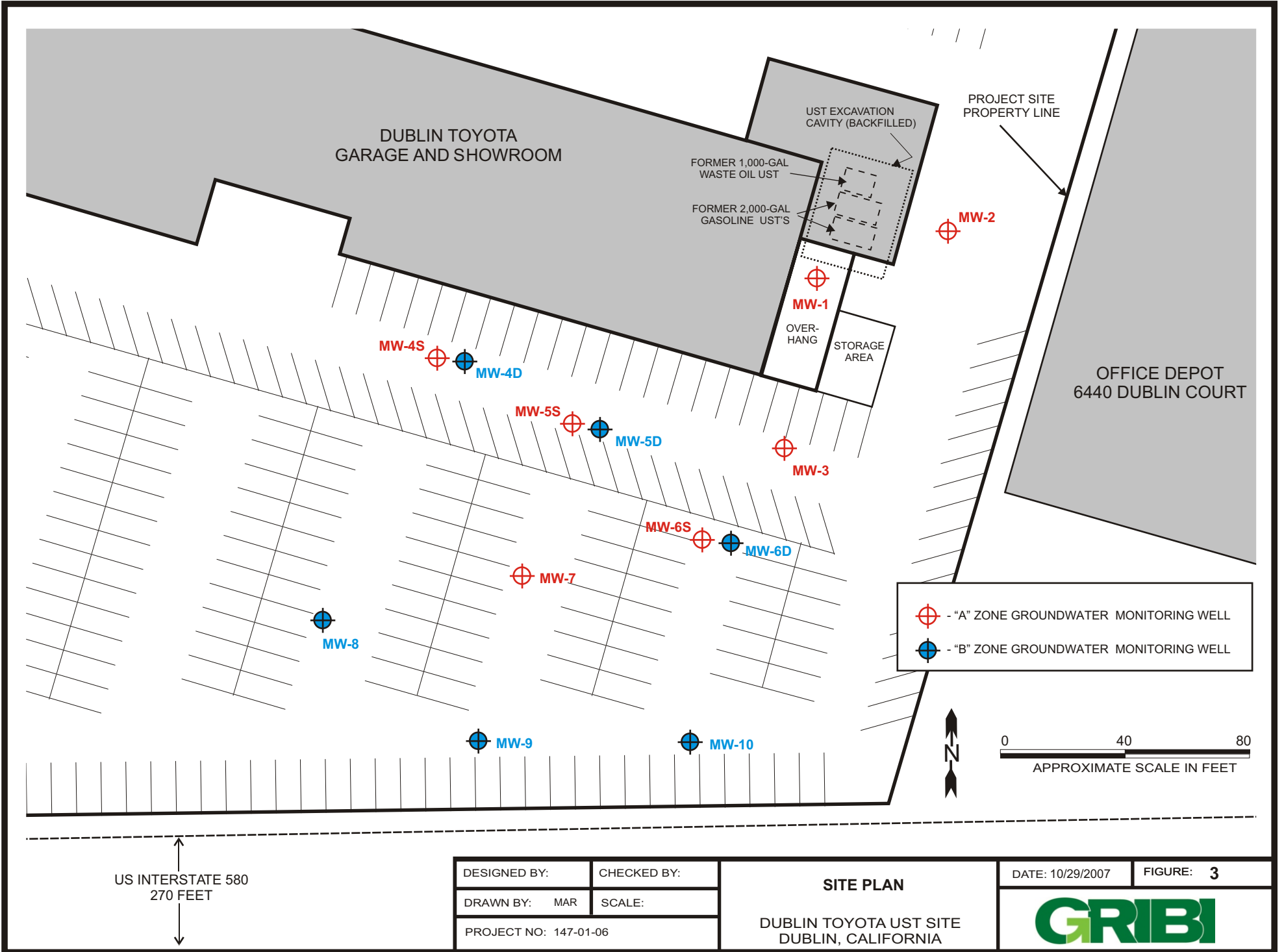
**AERIAL PHOTOGRAPH**

DUBLIN TOYOTA UST SITE  
DUBLIN, CALIFORNIA

DATE: 10/29/2007

FIGURE: 2





DUBLIN TOYOTA  
GARAGE AND SHOWROOM

FORMER 1,000-GAL  
WASTE OIL UST  
FORMER 2,000-GAL  
GASOLINE UST'S

UST EXCAVATION  
CAVITY (BACKFILLED)

PROJECT SITE  
PROPERTY LINE

OFFICE DEPOT  
6440 DUBLIN COURT

MW-1

MW-2

MW-4S

MW-4D

MW-5S

MW-5D

MW-3

MW-6S



MW-6D

MW-7

MW-8

MW-9

MW-10

-  - "A" ZONE GROUNDWATER MONITORING WELL
-  - "B" ZONE GROUNDWATER MONITORING WELL

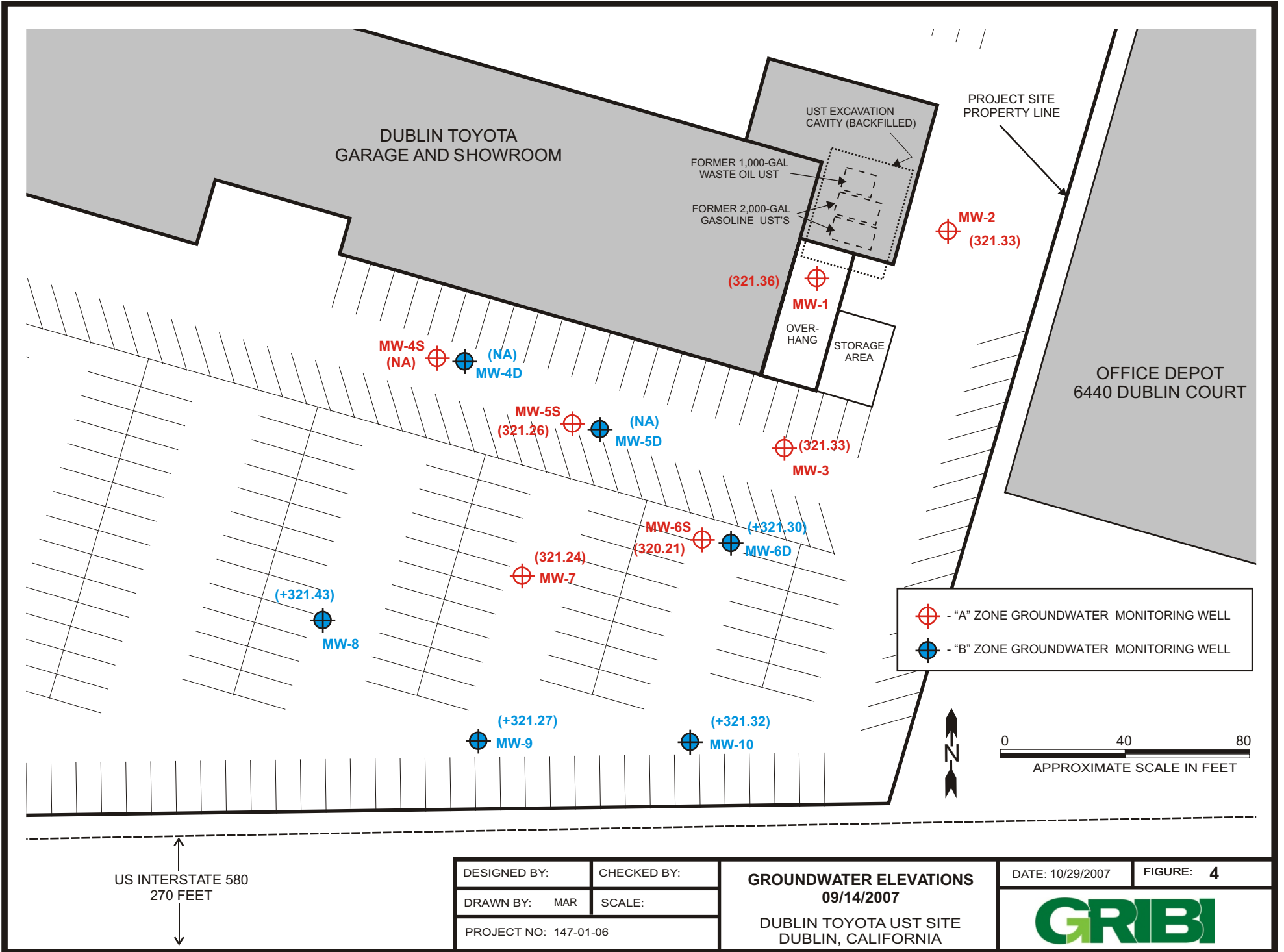
0 40 80  
APPROXIMATE SCALE IN FEET

US INTERSTATE 580  
270 FEET

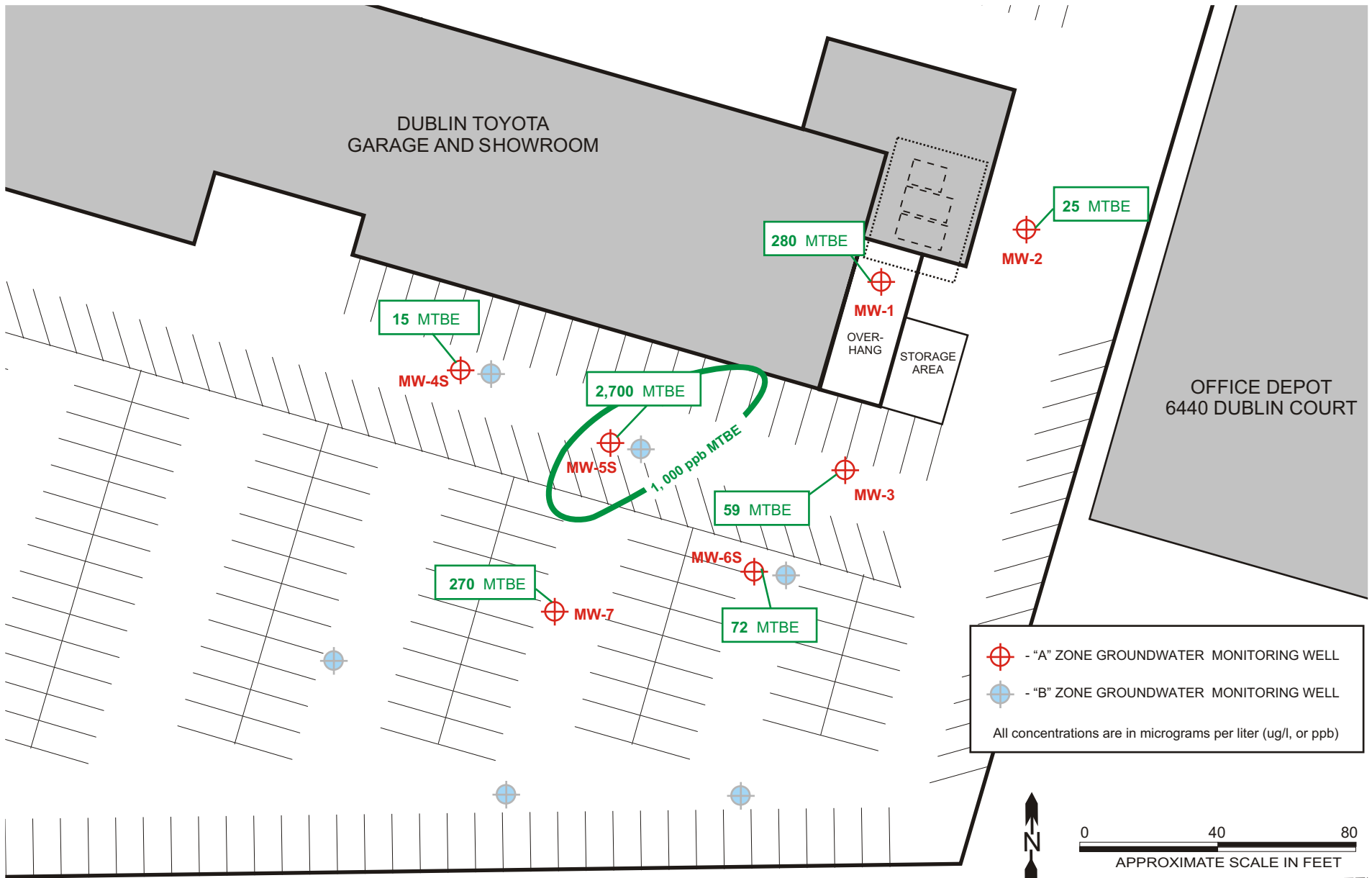
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DRAWN BY: MAR	SCALE:
PROJECT NO: 147-01-06	



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

DATE: 10/29/2007    FIGURE: **3**  





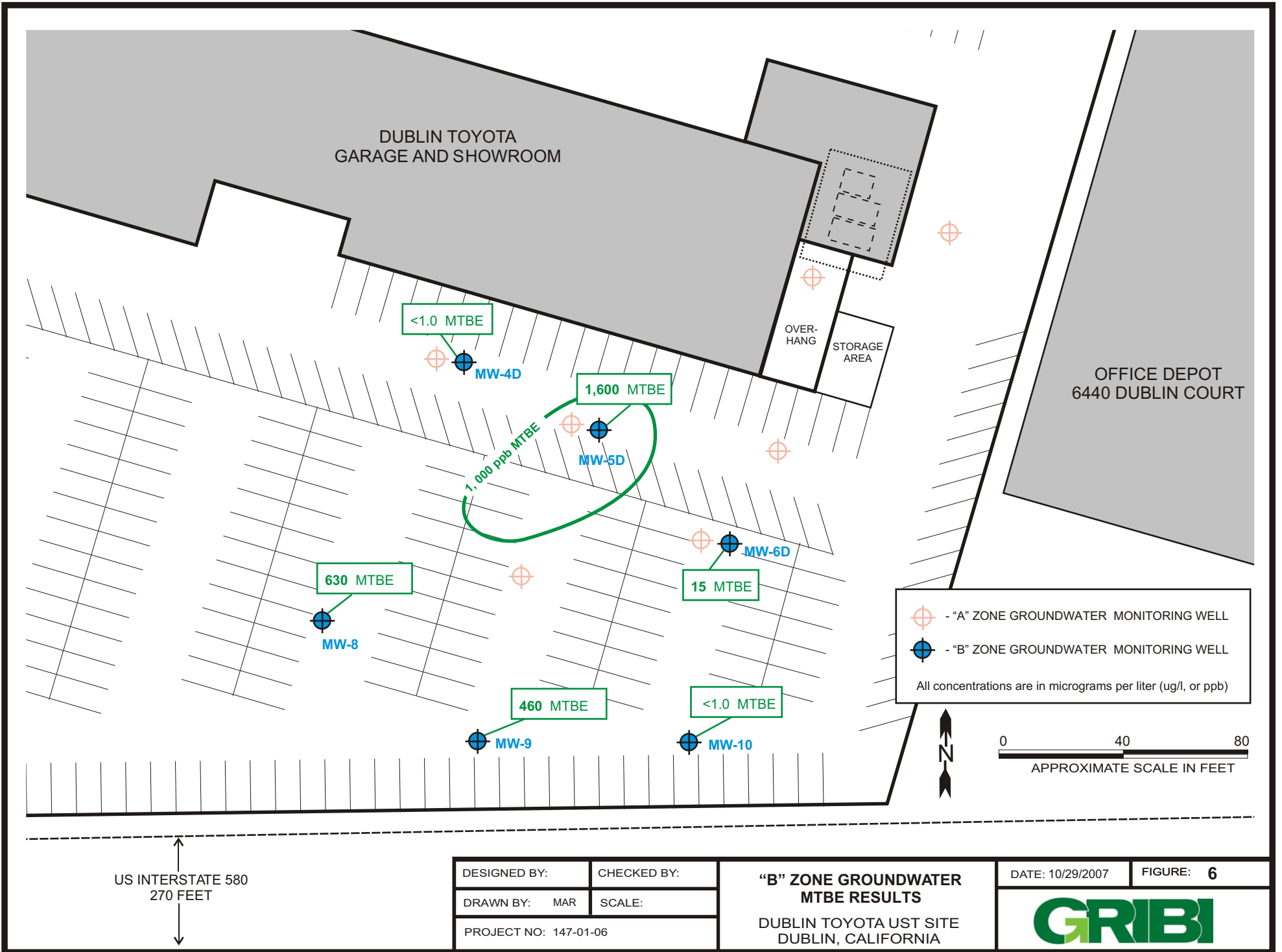
 - "A" ZONE GROUNDWATER MONITORING WELL  
 - "B" ZONE GROUNDWATER MONITORING WELL  
 All concentrations are in micrograms per liter (ug/l, or ppb)

US INTERSTATE 580  
 270 FEET

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

**"A" ZONE GROUNDWATER  
 MTBE RESULTS**  
 DUBLIN TOYOTA UST SITE  
 DUBLIN, CALIFORNIA

DATE: 10/29/2007      FIGURE: 5  

DUBLIN TOYOTA  
GARAGE AND SHOWROOM

OFFICE DEPOT  
6440 DUBLIN COURT

<1.0 MTBE

MW-4D

1,600 MTBE

MW-5D

1,000 ppb MTBE

630 MTBE

MW-8

15 MTBE



MW-6D

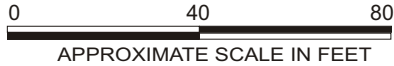
460 MTBE

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)



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: 10/29/2007    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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<1.0	<2.0	<10	<2.0	<2.0	<b>2,500</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
	12/21/05	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>
	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	321.20	<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>
<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>

**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
	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>
	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>
	06/7/07	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>
<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>
	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>

**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
	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>
<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>

**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
	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>
<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
<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>
<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>



**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
	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>
<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>
<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	321.30	NA	<0.50	<0.50	<0.50	<1.0	<2.0	<10	<2.0	<2.0	<b>15</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>
<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>
<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>

**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-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

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 Toyota

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

Sampling Personnel AG

Date 9/14/97

Weather Conditions SUN

Well ID MW-1

Casing Diameter (inches) 2"

Depth to Water (ft) 9.52

Total Depth (ft) 24.9

Water Column (ft) 17.38

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

3X Well Volume (gal) 10

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>12 V PMP</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>8:50</u>	<u>5</u>	<u>20.16</u>	<u>2.142</u>	<u>0.52</u>	<u>7.30</u>	<u>-109.7</u>	
<u>8:55</u>	<u>5</u>	<u>19.94</u>	<u>1.946</u>	<u>0.30</u>	<u>7.29</u>	<u>-121.1</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 8:55

Sampler's Signature AG

Ground Water Monitoring Field Sheet

Site Dustin Toyota

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

Sampling Personnel AJA

Date 9/14/07

Weather Conditions SUN

Well ID MV-2

Casing Diameter (inches) 2"

Depth to Water (ft) 6.31'

Total Depth (ft) 28.8'

Water Column (ft) 22.49'

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

3X Well Volume (gal) 13

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>PERME</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>7:50</u>	<u>5</u>	<u>19.21</u>	<u>1.713</u>	<u>2.92</u>	<u>7.26</u>	<u>-59.5</u>	
<u>7:55</u>	<u>5</u>	<u>19.06</u>	<u>1.668</u>	<u>0.42</u>	<u>7.34</u>	<u>-71.2</u>	
<u>8:00</u>	<u>3</u>	<u>18.98</u>	<u>1.672</u>	<u>0.31</u>	<u>7.49</u>	<u>-72.5</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 6:00am

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dwelling on STA

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

Sampling Personnel ADZ

Date 9/14/07

Weather Conditions SUN

Well ID MW-3

Casing Diameter (inches) 2"

Depth to Water (ft) 6.11'

Total Depth (ft) 28.2

Water Column (ft) 22.09'

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

3X Well Volume (gal) 13

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>gravel</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>9:50</u>	<u>5</u>	<u>22.64</u>	<u>0.604</u>	<u>-0.44</u>	<u>7.23</u>	<u>-120</u>	
<u>9:55</u>	<u>5</u>	<u>23.09</u>	<u>0.415</u>	<u>0.15</u>	<u>7.14</u>	<u>-120.5</u>	
<u>10:00</u>	<u>3</u>	<u>21.57</u>	<u>3.456</u>	<u>0.10</u>	<u>7.11</u>	<u>-57.6</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 ~~9:55~~ 10:00

Sampler's Signature 

Ground Water Monitoring Field Sheet

Site Dublin Twp

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

Sampling Personnel NSH

Date 9/14/07

Weather Conditions SN

Well ID MW-45

Casing Diameter (inches) 3.4"

Depth to Water (ft) N/A

Total Depth (ft) 20'

Water Column (ft) 1

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

3X Well Volume (gal) \_\_\_\_\_

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>P. 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>21.00</u>	<u>3.307</u>	<u>1.11</u>	<u>7.15</u>	<u>91.7</u>	
<u>11:00</u>	<u>1/2</u>	<u>21.84</u>	<u>3.500</u>	<u>2.09</u>	<u>7.09</u>	<u>96.7</u>	

Sample Observations

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

Sample Time 11:00

Sampler's Signature [Signature]



Ground Water Monitoring Field Sheet

Site Dublin Twp

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

Sampling Personnel ASL

Date 9/14/07

Weather Conditions SUN

Well ID MW-4P

Casing Diameter (inches) 3/4"

Depth to Water (ft) NA

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>12V mp</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>11:22</u>	<u>1/2</u>	<u>24.92</u>	<u>0.963</u>	<u>3.38</u>	<u>7.54</u>	<u>72.7</u>	
<u>11:25</u>	<u>1/2</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 11:25

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Drobin Twp Project Number \_\_\_\_\_  
 Sampling Personnel DSB Date 9/14/07  
 Weather Conditions SW  
 Well ID MW-53 Casing Diameter (inches) 3/4"  
 Depth to Water (ft) 3.83 Total Depth (ft) 20  
 Water Column (ft) 14.17 One Well Volume (gal) \_\_\_\_\_  
 3X Well Volume (gal) 1

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>Probe</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>5:18</u>	<u>1/2</u>	<u>21.34</u>	<u>1.932</u>	<u>7.52</u>	<u>6.97</u>	<u>2.4</u>	
<u>5:15</u>	<u>1/2</u>	<u>21.55</u>	<u>3.000</u>	<u>8.89</u>	<u>6.46</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 5:15

Sampler's Signature *[Signature]*

Ground Water Monitoring Field Sheet

Site DUBLIN TIGATA Project Number \_\_\_\_\_

Sampling Personnel ADK Date 9/14/07

Weather Conditions SN

Well ID MW-50 Casing Diameter (inches) 3 1/4"

Depth to Water (ft) N/A Total Depth (ft) 42

Water Column (ft) \_\_\_\_\_ 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>RRHE</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>5:45</u>	<u>1/2</u>	<u>21.8L</u>	<u>1.376</u>	<u>8.86</u>	<u>7.38</u>	<u>-152.4</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 5:45

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Twp

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

Sampling Personnel AK

Date 5/14/11

Weather Conditions SN

Well ID MW-65

Casing Diameter (inches) 3/4"

Depth to Water (ft) 6.32

Total Depth (ft) 20

Water Column (ft) 13.68

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>Purge</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>1:10</u>	<u>1/2</u>	<u>22.71</u>	<u>4.295</u>	<u>2.98</u>	<u>7.13</u>	<u>-93.3</u>	
<u>1:15</u>	<u>1/2</u>	<u>21.34</u>	<u>4.165</u>	<u>3.00</u>	<u>7.11</u>	<u>-75.6</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 1:15

Sampler's Signature AK

Ground Water Monitoring Field Sheet

Site DWIS/Tyoto

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

Sampling Personnel KJH

Date 9/14/07

Weather Conditions SW

Well ID MW-6D

Casing Diameter (inches) 3 1/4"

Depth to Water (ft) 3.42

Total Depth (ft) 40

Water Column (ft) 34.58

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>Pumping</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>1:40</u>	<u>1/2</u>	<u>28.56</u>	<u>4.335</u>	<u>-1.72</u>	<u>7.15</u>	<u>-6.52</u>	
<u>1:45</u>	<u>1/2</u>	<u>28.52</u>	<u>3.825</u>	<u>9.07</u>	<u>7.17</u>	<u>-23.7</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 1:45

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Twp PA

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

Sampling Personnel ADJ

Date 9/1/00

Weather Conditions SW

Well ID MMW-7

Casing Diameter (inches) 3/4"

Depth to Water (ft) 4.92

Total Depth (ft) 20

Water Column (ft) 15.08

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

3X Well Volume (gal) 1

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>ANAL</u>		<u>X</u>	<u>P. Anal</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>2:30</u>	<u>1/2</u>	<u>21.84</u>	<u>5.545</u>	<u>0.24</u>	<u>7.18</u>	<u>-12.8</u>	
<u>2:35</u>	<u>1/2</u>	<u>20.97</u>	<u>4.633</u>	<u>0.24</u>	<u>7.11</u>	<u>-10.6</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 2:35

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Dublin Toyota

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

Sampling Personnel ATH

Date 9/14/07

Weather Conditions SLN

Well ID mw-8

Casing Diameter (inches) 3 1/4"

Depth to Water (ft) 4.45

Total Depth (ft) 40

Water Column (ft) 35.55

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

3X Well Volume (gal) 2

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>Probe</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>3:05</u>	<u>1</u>	<u>20.31</u>	<u>3.928</u>	<u>0.25</u>	<u>7.04</u>	<u>-51.7</u>	
<u>3:15</u>	<u>1</u>	<u>20.40</u>	<u>3.821</u>	<u>0.26</u>	<u>7.02</u>	<u>-47.6</u>	

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					
Precipitate					

Sample Time 3:15

Sampler's Signature [Signature]

Ground Water Monitoring Field Sheet

Site Duval/Tyler

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

Sampling Personnel ASH

Date 9/14/07

Weather Conditions sun

Well ID MW-5

Casing Diameter (inches) 3.75"

Depth to Water (ft) 4.02

Total Depth (ft) 40'

Water Column (ft) 35.68

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>None</u>		<u>X</u>	<u>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>4:28</u>	<u>1</u>	<u>20.13</u>	<u>4.152</u>	<u>9.86</u>	<u>6.94</u>	<u>-37.3</u>	
<u>4:32</u>	<u>1</u>	<u>20.04</u>	<u>4.360</u>	<u>10.88</u>	<u>6.96</u>	<u>-52.7</u>	

Sample Observations

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

Sample Time 4:30

Sampler's Signature [Signature]



Ground Water Monitoring Field Sheet

Site DUBLIN TONGUE

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

Sampling Personnel ADK

Date 9/14/87

Weather Conditions SUN

Well ID MW-18

Casing Diameter (inches) 3.4"

Depth to Water (ft) 4.22

Total Depth (ft) 40'

Water Column (ft) 35.78

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>P. Pump</u>

Field Parameters

Time	Volume Purged	Temp (Celsius)	E.C. (mS/cm)	D.O. (mg/L)	pH	ORP (mv)	Comments
<u>12:15</u>	<u>1</u>	<u>23.20</u>	<u>2.775</u>	<u>15.86</u>	<u>7.36</u>	<u>-225.3</u>	
<u>12:25</u>	<u>1</u>	<u>23.75</u>	<u>1.654</u>	<u>10.18</u>	<u>7.35</u>	<u>-243.4</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 12:25

Sampler's Signature ADK

**ATTACHMENT B**

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

27 September 2007

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 09/22/07 09:30. 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  
Project Coordinator

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

### Chain of Custody Record

T701237

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

Date: **9/20/07** Page: **Of**  
 Project Name: **PUB IN TOYOTA**  
 Collector: **AARON GARCIA** Client Project #:  
 Batch #: 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) + Oily	Lead Scav. (1,2 DCA & 1,2 EDB (8260B)	EPA 8260 (Full List)	Halogenated VOCs (8260B)	CAM 17 METALS	Laboratory ID #	Preservative	Comments	Total # of containers
MW-1	9/19/07	8:55	Water	VIA													01			5
MW-2		8:00															02			5
MW-3		10:00															03			5
MW-4S		11:00															04			5
MW-4D		11:45															05			5
MW-5S		5:15															06			5
MW-5D		5:45															07			5
MW-6S		1:15															08			5
MW-6D		1:45															09			5
MW-7		2:25															10			5
MW-8		3:15															11			5
MW-9		4:30															12			5
MW-10		12:25															13			5

Relinquished by: (signature) <i>[Signature]</i>	Date / Time 9/20/07 11:30	Received by: (signature) <i>[Signature]</i>	Date / Time 9/21/07 11:30
Relinquished by: (signature) 650	Date / Time 9/22/07 9:30	Received by: (signature) <i>[Signature]</i>	Date / Time 9/22/07 9:30
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers  
 Chain of Custody seals Y/N/NA  
 Seals intact? Y/N/NA  
 Received good condition/cold  
 Turn around time: 7.2

Notes  
**STD. TAT**  
*[Signature]*

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

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

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

**Reported:**  
09/27/07 18:08

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T701237-01	Water	09/14/07 08:55	09/22/07 09:30
MW-2	T701237-02	Water	09/14/07 08:00	09/22/07 09:30
MW-3	T701237-03	Water	09/14/07 10:00	09/22/07 09:30
MW-4S	T701237-04	Water	09/14/07 11:00	09/22/07 09:30
MW-4D	T701237-05	Water	09/14/07 11:25	09/22/07 09:30
MW-5S	T701237-06	Water	09/14/07 17:15	09/22/07 09:30
MW-5D	T701237-07	Water	09/14/07 17:45	09/22/07 09:30
MW-6S	T701237-08	Water	09/14/07 13:15	09/22/07 09:30
MW-6D	T701237-09	Water	09/14/07 13:45	09/22/07 09:30
MW-7	T701237-10	Water	09/14/07 14:35	09/22/07 09:30
MW-8	T701237-11	Water	09/14/07 15:15	09/22/07 09:30
MW-9	T701237-12	Water	09/14/07 16:30	09/22/07 09:30
MW-10	T701237-13	Water	09/14/07 12:25	09/22/07 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.*

Albert Vargas, 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:**  
 09/27/07 18:08

**MW-1**  
**T701237-01 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SunStar Laboratories, Inc.</b>									
<b>Volatile Organic Compounds by EPA Method 8260B</b>									
Benzene	ND	0.50	ug/l	1	7092411	09/24/07	09/25/07	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>640</b>	250	"	25	"	"	09/25/07	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	09/25/07	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>280</b>	25	"	25	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.6 %		84-118	"	"	09/25/07	"	
<i>Surrogate: Dibromofluoromethane</i>		87.6 %		66-124	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.8 %		85-115	"	"	"	"	

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, 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:**  
 09/27/07 18:08

**MW-2**  
**T701237-02 (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	7092411	09/24/07	09/25/07	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>25</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.6 %	84-118		"	"	"	"	S-GC
<i>Surrogate: Dibromofluoromethane</i>		89.1 %	66-124		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.5 %	85-115		"	"	"	"	

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, 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:**  
 09/27/07 18:08

**MW-3  
 T701237-03 (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	7092411	09/24/07	09/25/07	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>59</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.0 %		84-118	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		89.2 %		66-124	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95.6 %		85-115	"	"	"	"	

SunStar Laboratories, Inc.

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Albert Vargas, 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:**  
 09/27/07 18:08

**MW-4S**  
**T701237-04 (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	7092411	09/24/07	09/25/07	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>15</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.1 %	84-118		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.9 %	66-124		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.8 %	85-115		"	"	"	"	

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, 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:**  
 09/27/07 18:08

**MW-4D**  
**T701237-05 (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	7092411	09/24/07	09/25/07	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>		81.9 %		84-118	"	"	"	"	S-GC
<i>Surrogate: Dibromofluoromethane</i>		87.0 %		66-124	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.8 %		85-115	"	"	"	"	

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Albert Vargas, Project Coordinator

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

**Reported:**  
 09/27/07 18:08

**MW-5S**  
**T701237-06 (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	7092411	09/24/07	09/25/07	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>640</b>	250	"	25	"	"	09/25/07	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	09/25/07	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>2700</b>	25	"	25	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.2 %		84-118	"	"	09/25/07	"	
<i>Surrogate: Dibromofluoromethane</i>		91.4 %		66-124	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.0 %		85-115	"	"	"	"	

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Albert Vargas, Project Coordinator

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

**Reported:**  
 09/27/07 18:08

**MW-5D**  
**T701237-07 (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	7092411	09/24/07	09/25/07	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>170</b>	50	"	5	"	"	09/25/07	"	
Di-isopropyl ether	ND	2.0	"	1	"	"	09/25/07	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>1600</b>	50	"	50	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %		84-118	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		84.9 %		66-124	"	"	09/25/07	"	
<i>Surrogate: Toluene-d8</i>		99.5 %		85-115	"	"	"	"	

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 Project Number: 147-01-03  
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**Reported:**  
 09/27/07 18:08

**MW-6S**  
**T701237-08 (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	7092411	09/24/07	09/25/07	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>72</b>	<b>1.0</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>82.1 %</i>	<i>84-118</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>S-GC</i>
<i>Surrogate: Dibromofluoromethane</i>		<i>84.0 %</i>	<i>66-124</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>101 %</i>	<i>85-115</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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 Project Manager: Jim Gribi

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**MW-6D**  
**T701237-09 (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	7092411	09/24/07	09/25/07	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>15</b>	1.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.9 %	84-118		"	"	"	"	S-GC
<i>Surrogate: Dibromofluoromethane</i>		93.2 %	66-124		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96.5 %	85-115		"	"	"	"	

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 Project Manager: Jim Gribi

**Reported:**  
 09/27/07 18:08

**MW-7  
 T701237-10 (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	7092411	09/24/07	09/25/07	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>13</b>	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>270</b>	25	"	25	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %		84-118	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		93.4 %		66-124	"	"	09/25/07	"	
<i>Surrogate: Toluene-d8</i>		97.9 %		85-115	"	"	"	"	

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

**Reported:**  
 09/27/07 18:08

**MW-8  
 T701237-11 (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	7092411	09/24/07	09/25/07	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>58</b>	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>630</b>	50	"	50	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.2 %		84-118	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		91.8 %		66-124	"	"	09/25/07	"	
<i>Surrogate: Toluene-d8</i>		102 %		85-115	"	"	"	"	

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

**Reported:**  
 09/27/07 18:08

**MW-9  
 T701237-12 (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	7092411	09/24/07	09/25/07	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>35</b>	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
<b>Methyl tert-butyl ether</b>	<b>460</b>	50	"	50	"	"	09/25/07	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.8 %		84-118	"	"	09/25/07	"	
<i>Surrogate: Dibromofluoromethane</i>		95.9 %		66-124	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		99.1 %		85-115	"	"	"	"	

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

**Reported:**  
 09/27/07 18:08

**MW-10**  
**T701237-13 (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	2.5	ug/l	5	7092411	09/24/07	09/25/07	EPA 8260B	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	5.0	"	"	"	"	"	"	
o-Xylene	ND	2.5	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	10	"	"	"	"	"	"	
Tert-butyl alcohol	ND	50	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	84-118		"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		101 %	66-124		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		97.9 %	85-115		"	"	"	"	

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

Reported:  
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**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 7092411 - EPA 5030 GCMS**

**Blank (7092411-BLK1)**

Prepared: 09/24/07 Analyzed: 09/25/07

Surrogate: 4-Bromofluorobenzene	6.54		ug/l	8.00		81.8	84-118			S-GC
Surrogate: Dibromofluoromethane	7.33		"	8.00		91.6	66-124			
Surrogate: Toluene-d8	7.41		"	8.00		92.6	85-115			
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 (7092411-BS1)**

Prepared: 09/24/07 Analyzed: 09/25/07

Surrogate: 4-Bromofluorobenzene	6.54		ug/l	8.00		81.8	84-118			S-GC
Surrogate: Dibromofluoromethane	6.23		"	8.00		77.9	66-124			
Surrogate: Toluene-d8	7.70		"	8.00		96.2	85-115			
Chlorobenzene	21.0	1.0	"	20.0		105	75-125			
1,1-Dichloroethene	18.8	1.0	"	20.0		94.0	75-125			
Trichloroethene	22.1	1.0	"	20.0		110	75-125			
Benzene	19.5	0.50	"	20.0		97.4	75-125			
Toluene	19.9	0.50	"	20.0		99.7	75-125			

**Matrix Spike (7092411-MS1)**

Source: T701237-09

Prepared: 09/24/07 Analyzed: 09/25/07

Surrogate: 4-Bromofluorobenzene	6.92		ug/l	8.00		86.5	84-118			
Surrogate: Dibromofluoromethane	5.87		"	8.00		73.4	66-124			
Surrogate: Toluene-d8	7.42		"	8.00		92.8	85-115			
Chlorobenzene	20.4	1.0	"	20.0	ND	102	75-125			
1,1-Dichloroethene	16.8	1.0	"	20.0	ND	84.0	75-125			
Trichloroethene	18.1	1.0	"	20.0	ND	90.4	75-125			
Benzene	18.2	0.50	"	20.0	ND	90.8	75-125			
Toluene	18.2	0.50	"	20.0	ND	90.8	75-125			

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

**Reported:**  
09/27/07 18:08

**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 7092411 - EPA 5030 GCMS**

**Matrix Spike Dup (7092411-MSD1)**

**Source: T701237-09**

Prepared: 09/24/07

Analyzed: 09/25/07

Surrogate: 4-Bromofluorobenzene	6.58		ug/l	8.00		82.2	84-118			S-GC
Surrogate: Dibromofluoromethane	6.66		"	8.00		83.2	66-124			
Surrogate: Toluene-d8	7.64		"	8.00		95.5	85-115			
Chlorobenzene	20.4	1.0	"	20.0	ND	102	75-125	0.245	20	
1,1-Dichloroethene	19.2	1.0	"	20.0	ND	96.0	75-125	13.3	20	
Trichloroethene	19.4	1.0	"	20.0	ND	97.2	75-125	7.25	20	
Benzene	19.1	0.50	"	20.0	ND	95.3	75-125	4.78	20	
Toluene	19.4	0.50	"	20.0	ND	97.1	75-125	6.76	20	

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

**Reported:**  
09/27/07 18:08

### Notes and Definitions

S-GC Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

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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