

Table 2  
**HISTORICAL GROUNDWATER ANALYTICAL DATA**  
 Toyota of Santa Barbara

Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPHg	FUEL OXYGENATES*				
							TAME	TBA	DIPE	Ethanol	ETBE
MW-1	September 1998*	900	150	320	1,750	1,000	NE	12	NE	NE	5
	August 1998	6.4	3.6	300	7,800	34,000	-	-	-	-	<5.0
	October 1998	5.0	2.6	220	100	3,700	-	-	-	-	-
	February 1999	9.6	9.7	740	280	9,200	-	-	-	-	-
	April 1999	8.1	7.2	480	190	6,600	-	-	-	-	-
	February 2000	7.8	2.9	600	68	5,200	-	-	-	-	<20
	September 2000	5.1	2.1	510	100	7,000	<5.0	<5.0	<5.0	<5.0	<5.0
	March 2001	<2.0	<2.0	610	26	6,500	<2.0	<2.0	<2.0	<2.0	<2.0
	August 2001	<2.0	0.6	330	19	5,800	<2.0	<2.0	<2.0	<2.0	<2.0
	February 2002	1.4	0.9	350	19	4,600	<5.0	<5.0	<5.0	<5.0	<5.0
	September 2002	1.3	0.9	97	26	2,100	<5.0	<5.0	<5.0	<5.0	<5.0
	February 2003	100	65	480	120	5,300	-	-	-	-	-
September 2003	<0.5	<0.5	12	17	880	-	-	-	-	-	
March 2004*	<0.5	<0.5	17	2.4	1,100	-	-	-	-	-	
August 1998	ND	ND	ND	ND	ND	ND	-	-	-	-	
October 1998	ND	ND	ND	ND	72	ND	-	-	-	-	
February 1999	ND	ND	ND	ND	ND	ND	-	-	-	-	
April 1999	ND	ND	ND	ND	ND	ND	-	-	-	-	
February 2000	<0.5	<0.5	<0.5	<1.0	<50	<5.0	<5.0	<5.0	<5.0	<10	
September 2000	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
March 2001	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
August 2001	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2002	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
September 2002	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2003	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
September 2003	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
March 2004**	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
August 1998	ND	ND	39	22	7,500	-	-	-	-	-	
October 1998	ND	ND	29	20	5,900	-	-	-	-	-	
February 1999	ND	ND	19	14	3,600	-	-	-	-	-	
April 1999	ND	ND	32	15	2,800	-	-	-	-	-	
February 2000	<0.5	<0.5	7.5	5.2	1,800	-	-	-	-	<10	
September 2000	<0.5	<0.5	<0.5	<0.5	1,400	<5.0	<5.0	<5.0	<5.0	<5.0	
March 2001	1.6	<0.5	31	5.6	980	<5.0	<5.0	<5.0	<5.0	<5.0	
August 2001	<0.5	<0.5	<0.5	<0.5	1,200	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2002	<0.5	<0.5	<0.5	<0.5	1,100	<5.0	<5.0	<5.0	<5.0	<5.0	
September 2002	<0.5	<0.5	<0.5	<0.5	920	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2003*	<0.5	<0.5	<0.5	<0.5	1000	(810)	-	-	-	-	
September 2003*	<0.5	<0.5	<0.5	<0.5	560	(730)	-	-	-	-	
March 2004*	<0.5	<0.5	<0.5	<0.5	520	-	-	-	-	-	
August 1998	ND	ND	ND	ND	ND	ND	-	-	-	-	
October 1998	ND	ND	ND	ND	ND	ND	-	-	-	-	
February 1999	ND	ND	ND	ND	ND	ND	-	-	-	-	
April 1999	ND	ND	ND	ND	ND	ND	-	-	-	-	
February 2000	<0.5	<0.5	<0.5	<1.0	<50	<5.0	<5.0	<5.0	<5.0	<10	
September 2000	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
March 2001	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
August 2001	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2002	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
September 2002	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
February 2003	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	
September 2003	<0.5	<0.5	<0.5	<0.5	<50	<5.0	<5.0	<5.0	<5.0	<5.0	

oj\Toyota\Tables Toyota Add Soil GW 2004 FINAL.xls,T2 GW Hist Data

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Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPHg	FUEL OXYGENATES*					
							TAME	TBA	DIPE	Ethanol	ETBE	MTBE
MW-5	FPD IL <sup>a</sup>	1	150	300	1,750	1,000	NE	12	NE	NE	NE	5
	August 1998	ND	ND	ND	ND	180	-	-	-	-	-	-
	October 1998	ND	ND	ND	ND	92	-	-	-	-	-	-
	February 1999	ND	ND	ND	ND	50	-	-	-	-	-	-
	April 1999	ND	ND	ND	ND	ND	-	-	-	-	-	-
	February 2000	<0.5	<0.5	<0.5	<1.0	ND	-	-	-	-	-	<10
	September 2000	<0.5	<0.5	<0.5	<0.5	ND	<0.5	<5.0	<0.5	<50	<0.5	3.2
	March 2001	49	1.1	530	1.3	1,900	<0.5	7.9	<0.5	<50	<0.5	3.6
	April 2001	2.7	<0.5	170	1.40	720	-	-	-	-	-	-
	August 2001	<0.5	<0.5	11	0.8	<50	<0.5	<5.0	<0.5	<50	<0.5	2.8
	February 2002	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<0.5	<50	<0.5	2.4
	February 2002 DUP	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<0.5	<50	<0.5	2.1
	September 2002	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<0.5	<50	<0.5	2.4
	February 2003	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<0.5	<50	<0.5	-
	September 2003	<0.5	<0.5	<0.5	<0.5	<50	<0.5	<5.0	<0.5	<50	<0.5	-
March 2004*	<0.5	<0.5	<0.5	<0.5	<0.5	<50	-	-	-	-	-	

Notes:

Results in micrograms per liter (ug/l)

ND indicates detection limit above, or detected concentration at or above, Investigation Level Guidelines

a - per FPD letter (dated February 4, 2003) fuel oxygenates analysis not required

b - FPG I.L.s, revised January 2004

c - duplicate sample results presented in parentheses ( ) next to primary sample result

d - per FPD letter (dated February 4, 2003) monitoring of MW-4 not required

e - per personal communication (September 2004) from Steve Nailor (FPD), cessation of groundwater monitoring activities after 1st quarter 2004 was approved

Acronyms/Abbreviations:

DIPE - di-isopropyl ether

DUP - Duplicate

ETBE - ethyl-t-butyl ether

FPD - (County of Santa Barbara) Fire Prevention Division

IL - (FPD) Investigation Level, revised January 2004

LUFF - Leaking Underground Fuel Tank (Program)

MTBE - methyl t-butyl ether

NE - not established

ND - Not detected at or above Practical Quantitation Limit (PQL)

TAME - t-amyyl methyl ether

TBA - t-butyl alcohol

TPHg - Total Petroleum Hydrocarbons quantified as gasoline (carbon range C4 through C9)

- Not analyzed

\* Hoover & Associates, Inc. 1996