TABLE 1
FWID ANNUAL PUMPAGE SUMMARY 1979 THROUGH 2011

Well:	FWID-59	FWID-60	FWID-61	FWID-66	FWID-69	FWID-70	FWID-71	FWID-72	FWID-73	FWID-74	FWID-75	Totals
Year	Annual withdrawal (gal*1000)											
1978[a]	0	67,330	311,914	34,842	1,071	1,011	296,302	21,320	21,907	26,690	0	782,387
1979	0	87,555	278,011	34,981	370	245	410,178	26,946	72,894	4,881	0	916,061
1980	0	97,866	0	40,207	3,645	6,645	367,834	8,908	119,113	399	0	644,617
1981	0	137,509	393,513	85,809	6,944	15,539	264,937	16,032	106,941	324	0	1,027,548
1982	72,350	63,728	393,138	77,773	4,499	9,632	284,905	5,875	93,082	282	0	1,005,264
1983	38,335	68,603	350,375	81,117	2,463	34,879	245,690	9,956	57,273	520	0	889,211
1984	31,874	22,280	362,277	100,955	5,735	28,658	256,041	1,643	61,678	120	0	871,261
1985	41,820	56,334	350,476	136,038	6,144	62,214	229,947	3,493	41,033	136	0	927,635
1986	25,207	60,319	404,952	138,951	2,396	37,627	124,882	2,111	85,077	36	87,145	968,703
1987	25,491	109,627	146,333	132,021	0	74,520	107,387	2,011	284,042	0	95,464	976,896
1988	32,530	135,248	394,503	135,943	0	36,236	42,708	344	137,611	0	54,483	969,606
1989	37,057	42,062	440,752	162,196	0	25,230	94,287	23,579	201,709	0	8,493	1,035,365
1990	13,705	5,262	336,628	91,053	0	44,978	39,618	48,189	222,499	0	28,093	830,025
1991	58	330	312,136	262,400	0	36,669	109,973	19,234	161,553	0	3,205	905,558
1992	175,041	424	229,375	284,540	0	5,079	48,885	28,738	129,633	0	5,035	906,750
1993	232,928	165,573	282,395	149,594	0	9	5,743	9,360	89,195	0	3,009	937,806
1994	117,013	180,961	274,958	218,808	0	39,599	8,267	10,389	100,563	0	2,780	953,338
1995	79,757	40,855	300,605	250,983	0	17,922	37,271	29,984	172,903	0	3,495	933,775
1996	72,630	35,859	386,264	227,454	0	52,559	13,651	202	177,627	0	5,341	971,587
1997	80,296	94,633	351,089	215,658	0	4,311	20,434	0	176,686	0	9,701	952,808
1998	202,724	117,948	288,631	165	0	134,198	13,472	0	158,338	0	7,060	922,536
1999	131,988	166,040	258,213	88	0	166,020	13,214	0	171,117	0	14,176	920,856
2000	106,707	167,170	154,454	340	0	190,845	59,656	0	239,932	0	19,169	938,273
2001	124,233	105,302	116,785	171	0	160,155	82,399	7,798	290,204	0	15,590	902,637
2002	94,913	166,271	174,625	0	0	106	48,878	169,272	269,752	0	12,556	936,373
2003	128,012	150,180	161,548	0	0	10,523	88,893	126,674	263,652	0	3,954	933,436
2004	143,061	187,023	77,617	0	0	64,162	66,294	101,125	255,300	0	43,754	938,336
2005	98,347	106,607	115,845	0	0	105,887	9,500	69,306	235,036	0	201,547	942,075
2006	101,174	129,488	248,256	0	0	39,683	27,269	126,151	237,566	0	29,359	938,946
2007	66,601	71,944	183,507	0	0	86,608	6,190	91,799	189,548	0	208,002	904,199
2008	67,623	64,193	151,094	0	0	83,366	5,563	91,875	192,179	0	203,857	859,750
2009	81,190	90,708	166,929	0	0	68,584	61,180	98,170	72,108	0	220,463	859,332
2010	72,391	57,522	170,229	0	0	64,966	78,620	96,551	100,608	0	154,225	795,112
2011	109,799	44,137	146,239	0	0	48,853	39,201	108,521	153,812	0	147,514	798,076

[a] March - December

[b] Not currently equipped with pumping equipment

TABLE 2
FWID 2011 MONTHLY PUMPAGE SUMMARY

Well:	FWID-59	FWID-60	FWID-61	FWID-66	FWID-69	FWID-70	FWID-71	FWID-72	FWID-73	FWID-74	FWID-75	Total
Month	**Annual withdrawal (gal*1000)**											
January	**2,967**	**2,065**	**7,240**	0	0	**3,331**	**4,744**	**11,943**	**10,912**	0	**6,674**	**49,876**
February	**5,863**	**2,907**	**7,604**	0	0	**2,904**	**5,538**	**9,107**	**9,369**	0	**6,568**	**49,860**
March	**5,959**	**3,733**	**11,749**	0	0	**2,902**	**7,151**	**7,264**	**7,883**	0	**13,555**	**60,196**
April	**10,183**	**4,880**	**11,184**	0	0	**0**	**5,952**	**9,905**	**9,266**	0	**16,514**	**67,884**
May	**9,920**	**4,931**	**9,994**	0	0	**0**	**5,783**	**13,752**	**15,930**	0	**18,076**	**78,386**
June	**12,391**	**3,434**	**16,674**	0	0	**7,055**	**3,342**	**11,924**	**20,930**	0	**16,410**	**92,160**
July	**12,273**	**4,007**	**16,603**	0	0	**8,345**	**1,650**	**12,374**	**11,600**	0	**17,756**	**84,608**
August	**11,450**	**3,517**	**16,401**	0	0	**5,648**	**788**	**14,948**	**17,371**	0	**12,064**	**82,187**
September	**12,378**	**2,687**	**15,886**	0	0	**5,182**	**668**	**11,203**	**13,139**	0	**11,043**	**72,186**
October	**8,230**	**4,259**	**16,399**	0	0	**4,314**	**757**	**5,073**	**14,860**	0	**9,180**	**63,072**
November	**8,802**	**4,585**	**11,230**	0	0	**3,983**	**1,837**	**912**	**10,493**	0	**8,471**	**50,313**
December	**9,381**	**3,129**	**5,306**	0	0	**5,191**	**1,002**	**0**	**10,928**	0	**11,031**	**45,968**
2011	**109,799**	**44,137**	**146,239**	**0**	**0**	**48,853**	**39,201**	**108,521**	**153,812**	**0**	**147,514**	**798,076**

TABLE 3
SOIL ANALYTICAL RESULTS - SPRING JOINT
MIRACLE MILE WQARF SITE

Sample Location ("D" indicates duplicate)	Depth Range (bgs)	Total Chromium (mg/Kg)	Hexavalent Chromium (mg/Kg)	Chromium III (mg/Kg)	SPLP Chromium (mg/L)	Calculated GPL (mg/Kg)	VOC Results	Comments
Residential SRL		**NA**	**30**	**120,000**				
Non-Residential SRL		**NA**	**65**	**1,000,000**				
Limited Site Characterization - Western Technologies Inc. - March 8, 2004								
Boring Location B2								
SJ-83-15	15 feet	12.2	ND	12.2			ND	VOCs were all ND per report text, however, analytical results were not attached to report
SJ-84-20	20 feet	5.75	ND	5.75			ND	
SJ-85-25	25 feet	3.39	2.40	ND			ND	
SJ-86-30	30 feet	3.85	ND	3.85			ND	
SJ-87-35	35 feet	4.55	2.00	2.55			ND	
SJ-88-40	40 feet	4.55	2.60	ND			ND	
SJ-89-45	45 feet	3.45	ND	3.45			ND	
SJ-90-50	50 feet	4.00	ND	4.00			ND	
SJ-91-55	55 feet	8.41	2.20	6.21			ND	
SJ-92-60	60 feet	3.37	ND	3.37			ND	
SJ-93-65	65 feet	10.6	9.20	ND			ND	
SJ-94-70	70 feet	17.0	12.6	4.40			ND	
Boring Location B1								
SJ-65-15	15 feet	11.8	3.00	9.80			ND	VOCs were all ND per report text, however, analytical results were not attached to report
SJ-66-20	20 feet	3.66	ND	3.66			ND	
SJ-67-25	25 feet	3.7	ND	3.70			ND	
SJ-68-30	30 feet	3.69	ND	3.69			ND	
SJ-69-35	35 feet	4.27	ND	4.27			ND	
SJ-70-40	40 feet	4.88	ND	4.88			ND	
SJ-71-45	45 feet	4.62	ND	4.62			ND	
SJ-72-50	50 feet	2.92	ND	2.92			ND	
SJ-73-55	55 feet	5.52	ND	5.52			ND	
SJ-74-60	60 feet	364	**208**	156			ND	
SJ-75-65	65 feet	12.8	3.4	9.40			ND	
SJ-76-70	70 feet	13.6	2.2	11.3			ND	
SJ-77-75	75 feet	7.05	ND	7.05			ND	
SJ-78-80	80 feet	1.57	ND	ND			ND	
SJ-79-85	85 feet	2.4	ND	2.40			ND	
SJ-80-90	90 feet	4.47	ND	4.47			ND	
SJ-81-95	95 feet	3.64	ND	3.64			ND	
SJ-82-100	100 feet	12.3	ND	12.3			ND	
Boring Location MW-1								
SJ-52-15	15 feet	8.09	2.00	6.09			ND	VOCs were all ND per report text, however, analytical results were not attached to report
SJ-53-20	20 feet	6.6	6.6	ND			ND	
SJ-54-25	25 feet	18.9	20.6	ND			ND	
SJ-55-30	30 feet	37.2	7.2	30			ND	
SJ-56-35	35 feet	133	**73**	60			ND	
SJ-57-40	40 feet	80.1	**41.6**	38.5			ND	
SJ-58-45	45 feet	46.4	27	19.4			ND	
SJ-59-50	50 feet	242	**143**	99			ND	
SJ-60-55	55 feet	222	**159**	63			ND	
SJ-61-60	60 feet	129	**87.2**	41.8			ND	
SJ-62-65	65 feet	22.1	14.2	7.9			ND	
SJ-63-70	70 feet	56.8	**36.2**	20.6			ND	
SJ-64-72.5	72.5 feet	2.73	2.00	ND			ND	
Borings and Well Installation Report -URS-June 11, 2005								
Outside Boring Locations								
SJS-SS-01	24-36 inches	5.2	NA	5.2	NA		NA	
SJS-SS-02	0-6 inches	9.3	NA	9.3	NA		NA	
SJS-SS-02	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-02	24-36 inches	6.8	NA	6.8	NA		NA	
SJS-SS-03	0-6 inches	2,800	10	2790	0.073	1,123,452	NA	Covered with asphalt cap on April 6-8, 2005
SJS-SS-03	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-03D	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-03	24-36 inches	1,700	5.4	1694.6	0.023	2,164,913	NA	
SJS-SS-04	0-6 inches	690	1.8	688.2	0.072	280,696	NA	
SJS-SS-04	24-36 inches	13	< 1.0	13	NA		NA	
SJS-SS-05	0-6 inches	390	14	376	NA		NA	
SJS-SS-05	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-05	24-36 inches	52	< 1.0	52	NA		NA	
SJS-SS-06	0-6 inches	7.8	NA	7.8	NA		NA	
SJS-SS-06	24-36 inches	5.7	NA	5.7	NA		NA	

TABLE 3
SOIL ANALYTICAL RESULTS - SPRING JOINT
MIRACLE MILE WQARF SITE

Sample Location ("D" indicates duplicate)	Depth Range (bgs)	Total Chromium (mg/Kg)	Hexavalent Chromium (mg/Kg)	Chromium III (mg/Kg)	SPLP Chromium (mg/L)	Calculated GPL (mg/Kg)	VOC Results	Comments
Residential SRL		**NA**	**30**	**120,000**				
Non-Residential SRL		**NA**	**65**	**1,000,000**				
Borings and Well Installation Report -URS-June 11, 2005								
Outside Boring Locations								
SJS-SS-08	0-6 inches	1,500	0.51	1499.49	0.021	2,092,143	NA	
SJS-SS-08	24-36 inches	13	<0.50	13	NA		NA	
SJS-SS-09	0-6 inches	11	NA	11	NA		NA	
SJS-SS-09	24-36 inches	7.4	NA	7.4	NA		NA	
SJS-SS-10	0-6 inches	8.2	NA	8.2	NA		NA	
SJS-SS-10	24-36 inches	7.4	NA	7.4	NA		NA	
SJS-SS-11	0-6 inches	13	1.6	11.4	NA		NA	
SJS-SS-11	24-36 inches	11	NA	11	NA		NA	
SJS-SS-12	0-6 inches	25	< 1.0	25	NA		NA	
SJS-SS-12	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-12	24-36 inches	7	NA	7	NA		NA	
SJS-SS-13	0-6 inches	46	< 1.0	46	NA		NA	
SJS-SS-13	24-36 inches	18	< 1.0	18	NA		NA	
SJS-SS-14	0-6 inches	34	< 1.0	34	NA		NA	
SJS-SS-14	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-14	24-36 inches	8.5	NA	8.5	NA		NA	
SJS-SS-15	0-6 inches	460	3	457	NA		NA	
SJS-SS-15	24-36 inches	13	< 1.0	13	NA		NA	
SJS-SS-16	0-6 inches	1,300	0.52	1299.48	0.035	1,087,914	NA	
SJS-SS-16	24-36 inches	11	NA	11	NA		NA	
SJS-SS-17	0-6 inches	25	< 1.0	25	NA		NA	
SJS-SS-17	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-17	24-36 inches	8	NA	8	NA		NA	
SJS-SS-18	0-6 inches	450	2.1	447.9	NA		NA	
SJS-SS-18	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-18	24-36 inches	6.1	NA	6.1	NA		NA	
SJS-SS-19	0-6 inches	9.3	NA	9.3	NA		NA	
SJS-SS-19	24-36 inches	7.3	NA	7.3	NA		NA	
SJS-SS-20	0-6 inches	6	NA	6	NA		NA	
SJS-SS-20	24-36 inches	5.3	NA	5.3	NA		NA	
SJS-SS-21	0-6 inches	18	< 1.0	18	NA		NA	
SJS-SS-21	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-21	24-36 inches	9.8	NA	9.8	NA		NA	
SJS-SS-22	0-6 inches	7.8	NA	7.8	NA		NA	
SJS-SS-22	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-22	24-36 inches	11	NA	11	NA		NA	
SJS-SS-23	0-6 inches	6.4	NA	6.4	NA		NA	
SJS-SS-23	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-23	24-36 inches	6.5	NA	6.5	NA		NA	
SJS-SS-24	0-6 inches	8.8	NA	8.8	NA		NA	
SJS-SS-24	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-24	24-36 inches	7.8	NA	7.8	NA		NA	
SJS-SS-25	0-6 inches	860	< 0.50	860	0.015	1,679,293	NA	
SJS-SS-25	24-36 inches	38	< 0.50	38	NA		NA	
SJS-SS-26	0-6 inches	90	< 0.50	90	NA		NA	
SJS-SS-26	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-26	24-36 inches	23	3	20	NA		NA	
SJS-SS-27D	0-6 inches	7.6	NA	7.6	NA		NA	
SJS-SS-27	22 inches	NA	NA	0	NA		VOC all ND	
SJS-SS-27	24-36 inches	7.9	NA	7.9	NA		NA	
SJS-SS-27D	24-36 inches	10	NA	10	NA		NA	
Well Installation								
IRA-31-010	10 feet	<5.0	NA	NA	NA		NA	
IRA-31-015	15 feet	6.3	NA	NA	NA		NA	
IRA-31-020	20 feet	<5.0	NA	NA	NA		NA	
IRA-31-025	25 feet	<5.0	NA	NA	NA		NA	
IRA-31-030	30 feet	<5.0	NA	NA	NA		NA	
IRA-31-035	35 feet	<5.0	NA	NA	NA		NA	
IRA-31-040	40 feet	<5.0	NA	NA	NA		NA	
IRA-31-045	45 feet	<5.0	NA	NA	NA		NA	
IRA-31-050	50 feet	<5.0	NA	NA	NA		NA	
IRA-31-055	55 feet	<5.0	NA	NA	NA		NA	
IRA-31-060	60 feet	<5.0	NA	NA	NA		NA	
IRA-31-065	65 feet	<5.0	NA	NA	NA		NA	
IRA-31-070	70 feet	9.5	NA	NA	NA		NA	
IRA-31-075	75 feet	11	NA	NA	NA		NA	
IRA-31-080	80 feet	14	NA	NA	NA		NA	

TABLE 3
SOIL ANALYTICAL RESULTS - SPRING JOINT
MIRACLE MILE WQARF SITE

Sample Location ("D" indicates duplicate)	Depth Range (bgs)	Total Chromium (mg/Kg)	Hexavalent Chromium (mg/Kg)	Chromium III (mg/Kg)	SPLP Chromium (mg/L)	Calculated GPL (mg/Kg)	VOC Results	Comments
Residential SRL		**NA**	**30**	**120,000**				
Non-Residential SRL		**NA**	**65**	**1,000,000**				
Borings and Well Installation Report -URS-June 11, 2005								
Well Installation								
IRA-31-085	85 feet	<5.0	NA	NA	NA		NA	
IRA-31-090	90 feet	18	NA	NA	NA		NA	
IRA-31-095	95 feet	15	NA	NA	NA		NA	
IRA-31-100	100 feet	11	NA	NA	NA		NA	
IRA-31-105	105 feet	16	NA	NA	NA		NA	
IRA-31-110	110 feet	<5.0	NA	NA	NA		NA	
IRA-31-115	115 feet	<5.0	NA	NA	NA		NA	
IRA-31-120	120 feet	<5.0	NA	NA	NA		NA	
IRA-31-125	125 feet	<5.0	NA	NA	NA		NA	
IRA-31-130	130 feet	<5.0	NA	NA	NA		NA	
IRA-31-135	135 feet	6.4	NA	NA	NA		NA	
IRA-31-140	140 feet	<5.0	NA	NA	NA		NA	
IRA-31-145	145 feet	<5.0	NA	NA	NA		NA	
IRA-31-150	150 feet	<5.0	NA	NA	NA		NA	
IRA-31-155	155 feet	<5.0	NA	NA	NA		NA	
IRA-31-160	160 feet	<5.0	NA	NA	NA		NA	
IRA-31-165	165 feet	<5.0	NA	NA	NA		NA	
IRA-31-170	170 feet	<5.0	NA	NA	NA		NA	
IRA-31-173	173 feet	<5.0	NA	NA	NA		NA	
IRA-31-175	175 feet	<5.0	NA	NA	NA		NA	
IRA-31-180	180 feet	<5.0	NA	NA	NA		NA	
IRA-31-185	185 feet	<5.0	NA	NA	NA		NA	
IRA-31-190	190 feet	<5.0	NA	NA	NA		NA	
IRA-31-195	195 feet	<5.0	NA	NA	NA		NA	
IRA-31-200	200 feet	<5.0	NA	NA	NA		NA	
IRA-31-205	205 feet	<5.0	NA	NA	NA		NA	
IRA-31-210	210 feet	<5.0	NA	NA	NA		NA	
Borings and Well Installation Report -URS-June 11, 2005								
Indoor Boring Locations								
SJ-BD-B1	4-6 inches	<5.0	NM	NM			ND	all samples measured for total chromium only, however, amounts are lower than individual species SRLs
SJ-BD-B2	0-2 inches	5.9	NM	NM			ND	
SJ-BD-B2	8-10 inches	<5.0	NM	NM			ND	
SJ-BD-B2	18-20 inches	<5.0	NM	NM			ND	
SJ-BD-B3	0-2 inches	6.3	NM	NM			ND	
SJ-BD-B3	4-6 inches	6.7	NM	NM			ND	
SJ-BD-B4	0-2 inches	7.7	NM	NM			Detect	Detects for 2-Butanone (MEK) - 21 µg/Kg and Acetone 91 µg/Kg
SJ-BD-B4	4-6 inches	5.9	NM	NM			ND	
SJ-BD-B5	0-2 inches	7.4	NM	NM			ND	
SJ-BD-B5	4-6 inches	5.7	NM	NM			ND	
SJ-BD-B6	4-6 inches	12	NM	NM			Detect	Detect for Acetone 33 µg/Kg
SJ-BD-B6	12-14 inches	7.4	NM	NM			ND	
SJ-BD-B6	22-24 inches	,5.0	NM	NM			ND	

SRL - Soil Remediation Levels
bgs - below ground surface
mg/Kg - milligrams per kilogram
mg/L - milligrams per liter
µg/Kg - micrograms per Kilogram
SPLP - Synthetic Precipitation Leaching Procedure
GPL - Groundwater Protection Level
VOC - Volatile Organic Compounds
"<" - value below indicated analytical reporting limit
ND - value below analytical levels of detection
NA - sample was not analyzed for chemical parameter
NM - not measured
BOLD - result is greater than the Residential SRL
- result is greater than the Non-residential SRL

TABLE 4
WELL CONSTRUCTION INFORMATION - MIRACLE MILE WQARF SITE

Well ID	Property Location/ Facility Name	ADWR Registry Number	Well Construction Date	Well Depth[1] (ft)	Aquifer Zone	Cadastral Location	State Plane Coordinates[2]		Reference Elevation (ft amsl)	Well Bottom Elevation (ft amsl)	Screened Interval (ft)	Casing Diameter (inches)	Well Use
							UTM Northing	UTM Easting					
IRA-1	Abrams Airborne	529841	Oct-90	220	regional	(D-13-13) 27BDB	464772.57	981016.57	2283.28	2063.28	130-210	4	MW
IRA-2	A Family Discount Storage	529840	Oct-90	240	regional	(D-13-13) 27BAA	466075.34	982175.48	2295.99	2055.99	150-230	4	MW
IRA-3	FW High School	529842	Oct-90	240	regional	(D-13-13) 27ADB	464983.81	983739.07	2305.30	2065.3	150-240	4	MW
IRA-4	Rio West	529843	Oct-90	220	regional	(D-13-13) 27DBB	463505.11	982320.90	2292.45	2072.45	130-220	4	MW
IRA-5	9-1-1 Collision	530831	Apr-91	215	regional	(D-13-13) 22CCC	467148.30	980142.37	2277.80	2062.8	130-210	4	MW
IRA-6	Darling/Fairfax Industrial	547953	Mar-95	203	regional	(D-13-13) 27BDD	464994.64	981883.76	2290.98	2087.98	138-203	4	MW
IRA-7	Desert Refrigeration and Auto Service Inc.	547954	Mar-95	203	regional	(D-13-13) 27BDD	464665.54	981919.38	2289.88	2086.88	138-203	4	MW
IRA-8	Darling/Fairfax Industrial	557128	May-96	205	regional	(D-13-13) 27BDA	465202.87	981868.63	2293.19	2088.19	140-200	4	MW
IRA-9	First Rock 4x4 & Automotive Repair	562355	Mar-97	230	regional	(D-13-13) 22DCC	466778.36	982312.36	2301.97	2071.97	145-225	4	MW
IRA-10-100	Carefree Village MHP	561743	Apr-97	104.5	perched	(D-13-13) 22DCC	467078.57	983435.42	2305.87	2201.37	81.5-101.5	4	MW
IRA-10-230	Carefree Village MHP	561744	Apr-97	230	regional	(D-13-13) 22DCC	467063.25	983435.66	2305.61	2075.61	145-225	4	MW
IRA-11-70	Friedman Recycling	586372	Jun-01	68	perched	(D-13-13) 27BAB	466321.26	981573.55	2293.63	2225.63	58-68	2	MW
IRA-11-210	Friedman Recycling	586372	Jun-01	210	regional	(D-13-13) 27BAB	466320.94	981573.19	2293.84	2083.84	150-210	4	MW
IRA-12-70	Darling/Fairfax Industrial	586370	Jun-01	70	perched	(D-13-13) 27BAC	465322.58	981394.72	2286.31	2216.31	60-70	2	MW
IRA-12-210	Darling/Fairfax Industrial	586370	Jun-01	210	regional	(D-13-13) 27BAC	465322.77	981394.78	2286.52	2076.52	140-210	4	MW
IRA-13-70	City of Tucson	586430	Jun-01	74	perched	(D-13-13) 27ABB	466337.39	982715.39	2303.81	2229.81	64-74	2	U
IRA-13-210	City of Tucson	586430	Jun-01	210	regional	(D-13-13) 27ABB	466337.45	982715.06	2304.33	2094.33	150-210	4	MW
IRA-14	A Family Discount Storage	586502	Jun-01	300	regional	(D-13-13) 27BAD	466075.90	982145.82	2297.55	1997.55	160-170 190-200 230-240 260-270 290-300	4	MW
IRA-15	A Family Discount Storage	586501	Jun-01	101	perched	(D-13-13) 27BAD	466064.94	982161.29	2296.62	2195.62	91-101	4	MW
IRA-16	Darling/Fairfax Industrial	586371	Jun-01	76	perched	(D-13-13) 27BAC	465202.52	981861.01	2293.00	2217	66-76	4	MW
IRA-17	R.E. Darling	596077	Feb-03	75	perched	(D-13-13) 27BAD	465561.90	981852.96	2290.26	2215.26	65-75	4	MW
IRA-18	R.E. Darling	596078	Feb-03	75.5	perched	(D-13-13) 27BAD	465412.72	981861.01	2292.96	2217.46	65.5-75.5	4	MW
IRA-19	R.E. Darling	596079	Feb-03	72	perched	(D-13-13) 27BDA	465021.60	982188.58	2293.49	2221.49	62-72	4	MW
IRA-20	R.E. Darling	596080	Feb-03	85.5	perched	(D-13-13) 27BDA	465267.91	982151.39	2295.79	2210.29	75-85	4	MW
IRA-21	R.E. Darling	596081	Feb-03	73.5	perched	(D-13-13) 27BAD	465493.46	981664.12	2288.03	2214.53	63.5-73.5	4	MW
IRA-22	R.E. Darling	596082	Feb-03	71	perched	(D-13-13) 27BDA	464988.27	981789.09	2288.79	2217.79	61-71	4	MW
IRA-23	Abrams Airborne	596075	Feb-03	79.5	perched	(D-13-13) 27BDA	464704.26	982201.33	2291.92	2212.42	69.5-79.5	4	MW
IRA-24	La Cholla and Wetmore	900260	Jun-04	218	regional	(D-13-13)21ADD	469449.51	979538.47	2283.27	2065.27	168-218	4	MW
IRA-25	4355 N. Romero	596369	May-03	240	regional	(D-13-13) 22CAA	468886.44	982168.08	2303.88	2063.88	170-240	4	MW
IRA-26	4250 N. Romero	596372	Apr-03	240	regional	(D-13-13) 22CBD	468364.93	983485.48	2309.74	2069.74	170-240	4	MW
IRA-27	Abrams Airborne	900481	Jul-04	66	perched	(D-13-13) 27BDA	464966.71	981252.96	2282.49	2216.49	55.5-65.5	4	MW
IRA-28	Abrams Airborne	900480	Jul-04	66	perched	(D-13-13) 27BDA	464856.37	981404.29	2286.12	2220.12	56-66	4	MW
IRA-29	Abrams Airborne	900479	Jul-04	67	perched	(D-13-13) 27BDA	464726.17	981614.50	2286.12	2219.12	56.5-66.5	4	MW
IRA-30	Abrams Airborne	900478	Jul-04	69.5	perched	(D-13-13) 27BDA	464727.08	981931.33	2290.02	2220.52	59-69	4	MW
IRA-31[3]	Spring Joint Specialists	900477	Jun-04	209	regional	(D-13-13) 27ACC	464727.01	981931.30	2291.13	2082.13	159-209	4	MW
IRA-32	4522 N. Pomona	913097	Apr-11	230	regional	(D-14-13) 22ADB	470189.11	983489.19	2293.96	2063.96	180-230	4.25	MW

TABLE 4
WELL CONSTRUCTION INFORMATION - MIRACLE MILE WQARF SITE

Well ID	Property Location/ Facility Name	ADWR Registry Number	Well Construction Date	Well Depth[1] (ft)	Aquifer Zone	Cadastral Location	State Plane Coordinates[2]		Reference Elevation (ft amsl)	Well Bottom Elevation (ft amsl)	Screened Interval (ft)	Casing Diameter (inches)	Well Use
							UTM Northing	UTM Easting					
IRA-33	4522 N. Pomona	913098	Apr-11	349	regional	(D-14-14) 22ADB	470204.35	983488.59	2292.65	1943.65	269-289 309-329 339-349	4.25	MW
IRA-34	1318 W. Wetmore	913095	Apr-11	229	regional	(D-13-13) 23BCC	469404.20	985121.05	2297.85	2068.85	180-229	4.25	MW
IRA-35	1310 W. Wetmore	913096	Apr-11	347	regional	(D-13-13) 23BCC	469404.14	985136.14	2298.2	1951.2	297-347	4.25	MW
IRA-36	4508 N. Hansa	913099	May-11	240	regional	(D-15-13) 22BCD	469974.28	980813.16	2291.18	2051.18	180-210 220-240	4.25	MW
IRA-37	4508 N. Hansa	913100	Apr-11	355	regional	(D-15-13) 22BCD	469974.35	980823.42	2291.28	1936.28	275-285 295-315 335-355	4.25	MW
SJ-MW-1[3]	Spring Joint Specialists	201667	Jan-04	71	perched	(D-13-13) 27ACC	464549.05	982367.36	2293.88	2222.88	61-71	4	MW
SJ-MW-2[3]	Spring Joint Specialists	201668	Jan-04	74	perched	(D-13-13) 27ACC	464606.35	982313.95	2293.5	2219.5	64-74	4	MW
SJ-MW-3[3]	Spring Joint Specialists	201669	Jan-04	94	perched	(D-13-13) 27ACC	464630.79	982479.48	2294.25	2200.25	84-94	4	MW
FWID-59[3]	3085 N. Fairview	626049	Jun-73	522	regional	(D-13-13) 35BAA	369409.07	501248.71	2320.87	1798.87	62-512	16	Mun
FWID-60[3]	3425 N. Fairview	626048	Jul-71	658	regional	(D-13-13) 26CDD	369795.24	501246.75	2319.04	1661.04	139-658	16	Mun
FWID-61[3]	3901 N. Fairview	626047	Apr-74	483	regional	(D-13-13) 26BAD	370977.16	501294.22	2321.22	1838.22	74-480	16	Mun
FWID-62[3]	1175 W Miracle Mile	626046	Feb-45	228	regional	(D-13-13) 35BDB	369175.68	500892.71	2328.19	2100.19	1-178	12	inactive
FWID-63[3]	1199 W. Roger	626045	Apr-45	200	regional	(D-13-13) 26BBB	371196.03	500665.44	2315.58	2115.58	55-172	16	inactive
FWID-64[3]	900 W. Prince	626044	Oct-45	216	regional	(D-13-13) 26BDD	370417.56	501248.24	2323.17	2107.17	NA	16	A
FWID-65[3]	1460 W. Miracle Mile	626043	Dec-46	234	regional	(D-13-13) 34AAD	369224.01	500292.77	2310.41	2076.41	55-203	16	A
FWID-66[3]	4155 N. Flowing Wells	626042	Apr-73	616	regional	(D-13-13) 22DAC	371622.51	500299.54	2313.08	1697.08	156-616	16	inactive
FWID-69[3]	3350 N. Flowing Wells	626041	1948	380	regional	(D-13-13) 26CCB	370005.84	500482.76	2305.3	1925.3	80-240	16	inactive
FWID-70[3]	4132 N. Romero	626040	Apr-60	800	regional	(D-13-13) 22DCB	371243.13	500126.83	2307.6	1507.6	450-800	12	Mun
FWID-71[3]	4425 N. Fairview	626039	May-62	440	regional	(D-13-13) 23BDD	372101.72	501236.93	2309.07	1869.07	120-435	16	DW
FWID-72[3]	4591 N. Pomona	626038	Apr-70	1000	regional	(D-13-13) 22ABD	371625.04	499764.50	2282.33	1282.33	500-1000	12	Mun
FWID-73[3]	4640 N. Fairview	626037	Apr-72	587	regional	(D-13-13) 23ABC	372521.38	501267.34	2294.48	1707.48	81-585	16	Mun
FWID-74[3]	1209 W. Allegheny	626036	Apr-75	503	regional	(D-13-13) 23BBD	372534.39	500838.85	2292.64	1789.64	110-493	20	inactive
FWID-75[3]	1602 W. Roger	626035	Jun-80	707	regional	(D-13-13) 22DCD	371243.13	500126.83	2308.06	1601.06	134-687	20	Mun
Crescent Manor[3]	Crescent Manor	617284	Oct-72	401	regional	(D-13-13) 26BCD	370615.77	500824.05	2314.39	1913.39	152-401	12	DW
Douglas	Douglas	611984	1934	400	regional	(D-13-13) 22DCD	466780.13	983081.13	2307.2	1907.20	NA	9	DW
Fairfax[3]	Fairfax Industrial Park	801434	NA	212	regional	(D-13-13) 27BDA	NA	NA	2294	2082	137-197	6	A

[1] Well depth is defined as bottom of casing for the purposes of this table

[2] Coordinate datum from well survey taken 12-15-2010. NAD83 (Harn 92) Arizona State Plane, Central Zone in International Feet. Vertical datum is per NAVD 88.

[3] Based off of survey data from 2006

Well Use definitions: MW = monitor well; U = damaged and unusable; DW = domestic well; A = abandoned; Mun = Municipal;

ADWR = Arizona Department of Water Resources; UTM = Universal Transverse Mercator; ft = feet; NA = Not Available

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/06/01	350446	**9.40**	**6.94**	nd	nd	bdl	bdl	nd	nd
03/06/01	350447	**40.46**	**9.06**	nd	nd	bdl	bdl	nd	nd
03/06/01	350448	**121.75**	**13.83**	nd	bdl	bdl	nd	nd	nd
03/06/01	350449	**5.69**	**1.58**	nd	nd	bdl	bdl	nd	nd
03/06/01	350450	**3.61**	**2.53**	nd	nd	bdl	nd	bdl	nd
03/06/01	350451	**0.38**	**0.23**	nd	nd	bdl	bdl	bdl	nd
03/06/01	350452	**2.41**	**0.71**	nd	nd	bdl	bdl	nd	nd
03/06/01	350453	bdl	**0.39**	nd	nd	nd	nd	nd	nd
03/06/01	350454	bdl	**0.06**	nd	nd	bdl	nd	nd	nd
03/06/01	350455	**0.48**	**0.53**	nd	nd	bdl	nd	nd	nd
03/06/01	350456	**0.07**	**0.54**	nd	nd	bdl	bdl	bdl	nd
03/06/01	350457	bdl	**0.05**	nd	nd	bdl	nd	nd	nd
03/06/01	350458	bdl	**0.50**	nd	nd	bdl	nd	nd	nd
03/06/01	350459	nd	bdl	nd	nd	bdl	nd	nd	nd
03/06/01	350460	**0.05**	**0.22**	nd	nd	nd	nd	nd	nd
03/06/01	350461	**0.03**	**0.55**	nd	nd	bdl	nd	nd	nd
03/06/01	350462	nd	**0.04**	nd	nd	bdl	nd	nd	nd
03/06/01	350463	nd	bdl	nd	nd	bdl	nd	nd	nd
03/06/01	350464	bdl	bdl	nd	nd	bdl	nd	nd	nd
03/06/01	350465	nd	bdl	nd	nd	nd	nd	nd	nd
03/06/01	350466	nd	**0.15**	nd	nd	nd	nd	nd	nd
03/07/01	350467	bdl	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350468	**0.86**	bdl	nd	nd	bdl	bdl	nd	nd
03/07/01	350469	**10.75**	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350470	nd	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350471	**0.05**	**0.40**	nd	nd	nd	nd	nd	nd
03/07/01	350472	**0.03**	**0.07**	bdl	nd	bdl	bdl	bdl	bdl
03/07/01	350473	**0.15**	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350474	**0.14**	**0.04**	nd	nd	bdl	nd	nd	nd
03/07/01	350475	nd	**0.21**	nd	nd	nd	nd	nd	nd
03/07/01	350476	nd	**0.27**	nd	nd	nd	nd	nd	nd
03/07/01	350477	**5.10**	**0.85**	nd	nd	nd	nd	nd	nd
03/07/01	350478	bdl	**0.12**	nd	nd	bdl	bdl	nd	nd
03/07/01	350479	**10.86**	**0.64**	nd	nd	nd	nd	nd	nd
03/07/01	350480	nd	bdl	nd	nd	bdl	bdl	nd	nd
03/07/01	350481	bdl	**0.07**	nd	nd	bdl	nd	nd	nd
03/07/01	350482	nd	**0.09**	nd	nd	bdl	nd	nd	nd
03/12/01	350483	**12.38**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350484	**1.02**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350485	bdl	**0.03**	nd	nd	nd	bdl	nd	nd
03/12/01	350486	bdl	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350487	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350488	nd	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350489	nd	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350490	bdl	bdl	nd	nd	bdl	nd	nd	nd
03/12/01	350491	bdl	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350492	nd	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350493	nd	bdl	nd	nd	nd	bdl	nd	nd
03/07/01	350494	nd	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350495	bdl	**0.18**	nd	nd	nd	nd	nd	nd
03/07/01	350496	nd	bdl	nd	nd	nd	nd	nd	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/07/01	350497	nd	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350498	bdl	**0.10**	nd	nd	nd	nd	nd	nd
03/07/01	350499	nd	**0.10**	nd	nd	nd	nd	nd	nd
03/07/01	350500	nd	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350501	bdl	bdl	nd	nd	nd	bdl	nd	nd
03/07/01	350502	**0.23**	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350503	nd	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350504	nd	nd	nd	nd	nd	nd	nd	nd
03/07/01	350505	nd	nd	nd	nd	nd	nd	nd	nd
03/07/01	350506	**97.36**	**0.21**	nd	nd	nd	nd	nd	nd
03/07/01	350507	**0.35**	**0.05**	nd	nd	nd	nd	nd	nd
03/07/01	350508	**27.14**	**0.77**	nd	nd	nd	nd	nd	nd
03/07/01	350509	**65.90**	**3.79**	nd	nd	nd	nd	nd	nd
03/07/01	350510	bdl	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350511	**3.92**	**0.15**	nd	nd	nd	nd	nd	nd
03/07/01	350512	**5.55**	**0.35**	nd	nd	nd	nd	nd	nd
03/07/01	350513	**0.31**	**0.09**	nd	nd	nd	nd	nd	nd
03/07/01	350514	**0.21**	**0.05**	nd	nd	nd	nd	nd	nd
03/12/01	350515	nd	**0.04**	nd	nd	nd	nd	nd	nd
03/12/01	350516	**1.46**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350517	nd	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350524	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350525	**20.74**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350526	**6.92**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350527	**0.04**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350528	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350529	bdl	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350530	**2.47**	**0.04**	nd	nd	nd	nd	nd	nd
03/12/01	350531	bdl	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350532	**132.27**	**0.13**	nd	nd	nd	nd	nd	nd
03/12/01	350533	**2.08**	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350534	**24.51**	**0.07**	nd	nd	nd	nd	nd	nd
03/12/01	350535	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350536	bdl	bdl	nd	nd	nd	nd	nd	nd
03/12/01	350537	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350538	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350539	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350540	bdl	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350541	**2.94**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350542	**3.84**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350543	bdl	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350544	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350545	**27.73**	**0.06**	nd	**0.03**	nd	nd	nd	nd
03/13/01	350546	**0.18**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350548	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350549	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350550	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350551	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350552	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350553	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350554	nd	bdl	nd	nd	nd	nd	nd	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/13/01	350555	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350556	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350557	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350558	**0.06**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350559	**2.07**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350560	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350561	bdl	bdl	bdl	nd	nd	bdl	nd	nd
03/08/01	350562	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350563	**0.05**	bdl	nd	nd	nd	nd	bdl	nd
03/08/01	350564	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350565	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350567	nd	nd	nd	nd	nd	nd	nd	nd
03/08/01	350568	**0.59**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350569	**0.40**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350570	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350571	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350572	bdl	nd	nd	nd	nd	nd	nd	nd
03/08/01	350573	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350574	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350575	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350576	**134.12**	**7.85**	nd	nd	nd	nd	nd	nd
03/08/01	350577	**16.53**	**0.99**	nd	nd	nd	nd	nd	nd
03/08/01	350578	**7.35**	**0.73**	nd	nd	nd	nd	nd	nd
03/08/01	350579	nd	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350580	**3.25**	**3.08**	nd	nd	nd	nd	nd	nd
03/09/01	350581	**16.37**	**4.85**	nd	nd	nd	nd	nd	nd
03/09/01	350582	**13.01**	**4.43**	nd	nd	nd	nd	nd	nd
03/09/01	350583	**1.97**	**0.82**	nd	nd	nd	nd	nd	nd
03/09/01	350587	**0.15**	**0.84**	nd	nd	nd	nd	nd	nd
03/09/01	350588	**0.05**	**0.24**	nd	nd	nd	nd	nd	nd
03/09/01	350589	bdl	**0.22**	nd	nd	nd	nd	nd	nd
03/09/01	350590	nd	**0.06**	nd	nd	nd	nd	nd	nd
03/09/01	350591	**0.13**	**0.40**	nd	nd	nd	nd	nd	nd
03/09/01	350592	nd	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350593	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	350594	nd	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350595	nd	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350596	nd	**0.04**	nd	nd	nd	nd	nd	nd
03/09/01	350597	nd	**0.12**	nd	nd	nd	nd	nd	nd
03/08/01	350598	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350599	bdl	**0.05**	nd	nd	nd	nd	nd	nd
03/08/01	350600	**8.69**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350601	**7.20**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350602	**1.90**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350603	bdl	bdl	nd	nd	bdl	nd	nd	nd
03/08/01	350604	**0.04**	bdl	nd	nd	bdl	nd	nd	nd
03/08/01	350605	**4.29**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350606	**2.33**	**0.03**	nd	nd	nd	nd	nd	nd
03/08/01	350607	**7.96**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350608	**0.16**	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350609	**0.10**	bdl	nd	nd	bdl	nd	nd	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/09/01	350610	**0.50**	nd	nd	nd	nd	nd	nd	nd
03/09/01	350611	**27.98**	**0.08**	nd	nd	bdl	nd	**0.03**	nd
03/09/01	350612	**7.03**	**0.04**	nd	nd	nd	bdl	bdl	nd
03/09/01	350613	**0.09**	nd	nd	nd	bdl	bdl	nd	nd
03/09/01	350614	**0.06**	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350615	**0.04**	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350616	**5.40**	bdl	nd	nd	bdl	nd	bdl	nd
03/09/01	350617	**4.28**	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350618	**38.11**	**0.04**	bdl	**0.04**	nd	nd	nd	nd
03/09/01	350619	**91.86**	**0.18**	bdl	**0.06**	bdl	nd	nd	bdl
03/09/01	350620	**29.86**	**0.05**	nd	nd	nd	nd	bdl	nd
03/09/01	350621	**0.60**	bdl	nd	nd	nd	nd	bdl	nd
03/07/01	350622	**1.21**	bdl	nd	bdl	nd	nd	nd	nd
03/07/01	350623	bdl	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350624	bdl	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350626	bdl	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350627	**0.07**	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350628	**1.36**	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350629	bdl	bdl	nd	nd	nd	nd	nd	nd
03/07/01	350630	**1.16**	bdl	nd	nd	bdl	nd	nd	nd
03/07/01	350631	bdl	**0.24**	nd	nd	nd	nd	bdl	nd
03/07/01	350632	bdl	**0.13**	nd	nd	bdl	nd	nd	nd
03/08/01	350633	**0.16**	**1.09**	nd	nd	nd	nd	nd	nd
03/09/01	350634	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350635	nd	**0.03**	nd	nd	nd	nd	nd	nd
03/08/01	350636	nd	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350637	**1.83**	**0.93**	nd	nd	nd	nd	nd	nd
03/09/01	350639	**5.85**	**0.50**	nd	nd	nd	nd	nd	nd
03/09/01	350640	nd	**0.52**	nd	nd	nd	nd	nd	nd
03/09/01	350641	nd	**0.53**	nd	nd	nd	nd	nd	nd
03/09/01	350642	nd	**0.12**	nd	nd	nd	nd	nd	nd
03/09/01	350643	nd	**0.19**	nd	nd	nd	nd	nd	nd
03/09/01	350644	nd	**0.05**	nd	nd	nd	nd	nd	nd
03/09/01	350645	nd	**0.04**	nd	nd	nd	nd	nd	nd
03/09/01	350646	nd	**0.09**	nd	nd	nd	nd	nd	nd
03/09/01	350647	**0.07**	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350648	**1.32**	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350649	**1.66**	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350650	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	350651	nd	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350652	**0.03**	nd	nd	nd	nd	nd	nd	nd
03/09/01	350653	**3.84**	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350654	**7.40**	bdl	nd	nd	bdl	nd	nd	nd
03/09/01	350655	nd	nd	nd	nd	bdl	bdl	nd	nd
03/09/01	350656	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	350657	**0.25**	nd	nd	nd	bdl	nd	nd	nd
03/09/01	350658	**1.43**	bdl	nd	nd	nd	nd	nd	nd
03/09/01	350659	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	350660	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	350661	bdl	nd	nd	nd	nd	nd	nd	nd
03/09/01	350662	**1.42**	bdl	nd	nd	nd	nd	nd	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/09/01	350663	nd	nd	nd	nd	nd	nd	nd	nd
03/10/01	350664	nd	nd	nd	nd	nd	nd	bdl	nd
03/10/01	350665	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	350666	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350667	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350668	bdl	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350669	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350670	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350671	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350672	**0.06**	nd	nd	nd	nd	nd	nd	nd
03/13/01	350673	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350674	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350675	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350676	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350677	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350678	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350679	**0.93**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350680	**8.89**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350681	bdl	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350682	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350683	**1.78**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	350684	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350685	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350686	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350687	**0.14**	nd	nd	nd	nd	nd	nd	nd
03/13/01	350688	**10.46**	bdl	nd	bdl	nd	nd	nd	nd
03/13/01	350689	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	350690	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350691	bdl	nd	nd	nd	nd	nd	nd	nd
03/14/01	350692	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	350693	nd	nd	nd	nd	nd	nd	nd	nd
03/08/01	350694	nd	**0.04**	nd	nd	nd	nd	nd	nd
03/08/01	350695	bdl	**0.13**	nd	nd	bdl	bdl	nd	**0.02**
03/08/01	350696	bdl	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350697	bdl	**0.16**	nd	nd	nd	nd	nd	nd
03/08/01	350698	**0.10**	**0.57**	nd	nd	bdl	nd	nd	nd
03/08/01	350699	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350700	**0.10**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350701	nd	**0.22**	nd	nd	nd	nd	nd	nd
03/08/01	350702	nd	bdl	nd	nd	bdl	bdl	nd	nd
03/08/01	350703	**0.90**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350704	nd	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350706	**1.21**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350712	**101.22**	**0.08**	nd	nd	nd	nd	bdl	nd
03/08/01	350713	**0.65**	bdl	bdl	nd	bdl	bdl	bdl	nd
03/08/01	350714	nd	nd	nd	nd	nd	nd	nd	nd
03/08/01	350715	**30.46**	**0.05**	nd	nd	nd	nd	nd	nd
03/08/01	350716	bdl	**0.03**	nd	nd	nd	nd	nd	nd
03/08/01	350717	**0.87**	bdl	nd	nd	nd	nd	nd	nd
03/08/01	350718	**156.75**	**0.24**	nd	bdl	nd	nd	bdl	nd
03/08/01	350719	**37.07**	**0.05**	nd	nd	nd	nd	bdl	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/08/01	350720	**0.21**	bdl	nd	nd	nd	nd	bdl	nd
03/13/01	353094	**2.98**	nd	nd	nd	nd	nd	nd	nd
03/13/01	353095	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	353096	**0.90**	nd	nd	nd	nd	nd	nd	nd
03/13/01	353097	**0.07**	bdl	nd	nd	bdl	nd	nd	nd
03/13/01	353098	nd	bdl	nd	nd	nd	nd	nd	nd
03/13/01	353099	bdl	bdl	bdl	nd	nd	nd	nd	nd
03/13/01	353100	**0.35**	nd	nd	nd	nd	nd	nd	nd
03/13/01	353101	**0.12**	nd	nd	nd	nd	nd	nd	nd
03/13/01	353102	bdl	nd	nd	nd	nd	nd	nd	nd
03/13/01	353103	bdl	bdl	nd	nd	nd	nd	nd	nd
03/13/01	353104	**0.06**	bdl	nd	nd	nd	nd	nd	nd
03/13/01	353105	**3.67**	**0.18**	nd	nd	nd	nd	nd	nd
03/13/01	353106	**73.99**	**2.85**	nd	nd	nd	nd	nd	nd
03/13/01	353107	**70.64**	**7.32**	nd	nd	nd	nd	nd	nd
03/14/01	353108	**29.76**	**1.22**	nd	nd	nd	nd	nd	nd
03/14/01	353109	bdl	**0.06**	nd	nd	nd	nd	nd	nd
03/14/01	353110	nd	**0.09**	nd	nd	nd	nd	nd	nd
03/14/01	353111	**0.04**	**0.15**	nd	nd	nd	nd	nd	nd
03/14/01	353112	**0.27**	**0.19**	nd	nd	nd	nd	nd	nd
03/14/01	353113	bdl	**0.07**	nd	nd	nd	nd	nd	nd
03/14/01	353114	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	353115	nd	**0.03**	nd	nd	nd	nd	nd	nd
03/14/01	353116	nd	bdl	nd	nd	nd	nd	bdl	nd
03/14/01	353137	**49.09**	**0.03**	nd	nd	nd	nd	nd	nd
03/09/01	353142	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	353143	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	353144	**0.09**	nd	nd	nd	nd	nd	nd	nd
03/09/01	353145	bdl	nd	nd	nd	nd	nd	nd	nd
03/14/01	353146	bdl	nd	nd	nd	nd	nd	nd	nd
03/14/01	353147	bdl	nd	nd	nd	nd	nd	nd	nd
03/14/01	353148	**0.06**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353149	**0.08**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353150	**2.77**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353151	**10.05**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353152	bdl	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353153	bdl	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353154	**1.55**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353155	**27.58**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353156	**0.90**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353157	**0.10**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353158	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	353159	**0.11**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353166	**0.77**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353167	**9.68**	**0.06**	nd	nd	nd	nd	bdl	nd
03/14/01	353168	**7.86**	bdl	nd	nd	nd	nd	bdl	nd
03/14/01	353169	**0.19**	nd	nd	nd	bdl	nd	nd	nd
03/14/01	353170	**0.11**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353171	**0.52**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353172	**80.48**	**0.07**	nd	nd	nd	nd	nd	nd
03/14/01	353173	**0.14**	nd	nd	nd	nd	nd	nd	nd

TABLE 5

PHASE I PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
03/14/01	353174	**5.14**	nd	nd	nd	nd	nd	bdl	nd
03/14/01	353175	**1.93**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353176	**0.89**	bdl	nd	nd	bdl	nd	nd	nd
03/14/01	353177	**5.84**	bdl	nd	nd	nd	nd	bdl	nd
03/14/01	353178	**1.63**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353179	**19.85**	bdl	nd	bdl	nd	nd	nd	nd
03/14/01	353180	**11.42**	bdl	nd	nd	nd	nd	nd	nd
03/14/01	353181	**0.30**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353182	**0.09**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353183	**3.61**	nd	nd	nd	nd	nd	nd	nd
03/14/01	353184	**12.21**	nd	nd	nd	nd	nd	nd	nd
03/07/01	353117	nd	bdl	nd	nd	nd	nd	nd	nd
03/07/01	353118	nd	bdl	nd	nd	nd	nd	nd	nd
03/12/01	353119	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	353120	nd	nd	nd	nd	nd	nd	nd	nd
03/06/01	method blank	nd	bdl	nd	nd	nd	nd	nd	nd
03/07/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/07/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/08/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/08/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/09/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/12/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/13/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
03/14/01	method blank	nd	nd	nd	nd	nd	nd	nd	nd
	Maximum	156.75	13.83	0.02	0.06	0.01	0.01	0.03	0.02
	Standard Dev.	20.26	1.27	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	6.01	0.29	0.00	0.00	0.00	0.00	0.00	0.00

nd = Analyte not detected above the reporting limit.

bdl = Analyte detected, but below reporting limit; qualified as estimated.

TCE = Trichloroethylene

PCE = Tetrachloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

DCA = Dichloroethane

TCA = Trichloroethane

Bold = Indicates analyte detected above the method detection limit

TABLE 6

PHASE I SOIL-GAS SURVEY RESULTS - BTEX COMPOUNDS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	Benzene	Toluene	Ethyl-benzene	mp- xylene	o-xylene
Method Detection Limit:		0.03	0.03	0.02	0.02	0.02
03/06/01	350460	**0.03**	bdl	bdl	bdl	bdl
03/06/01	350461	bdl	bdl	nd	bdl	bdl
03/06/01	350462	bdl	bdl	bdl	bdl	bdl
03/06/01	350463	**0.13**	**0.04**	**0.05**	**0.09**	**0.04**
03/06/01	350464	bdl	nd	bdl	bdl	bdl
03/06/01	350465	bdl	bdl	bdl	**0.02**	bdl
03/07/01	350475	**0.07**	bdl	bdl	bdl	bdl
03/07/01	350476	**0.14**	bdl	bdl	nd	nd
03/07/01	350480	**0.04**	bdl	bdl	bdl	bdl
03/07/01	350481	**2.32**	**0.52**	**0.11**	**0.22**	**0.09**
03/07/01	350482	**0.05**	bdl	bdl	bdl	bdl
03/12/01	350487	**0.07**	bdl	bdl	bdl	bdl
03/07/01	350493	bdl	nd	bdl	bdl	nd
03/07/01	350494	bdl	**0.04**	**0.03**	**0.11**	**0.03**
03/07/01	350495	**0.03**	nd	bdl	bdl	bdl
03/07/01	350496	**0.05**	bdl	**0.06**	**0.21**	**0.08**
03/07/01	350497	bdl	**0.07**	**0.25**	**0.58**	**0.25**
03/07/01	350498	bdl	nd	bdl	nd	nd
03/07/01	350504	**0.04**	bdl	bdl	bdl	bdl
03/08/01	350579	**0.06**	bdl	bdl	bdl	bdl
03/09/01	350590	nd	nd	bdl	bdl	nd
03/09/01	350591	bdl	nd	nd	bdl	nd
03/09/01	350592	**0.04**	bdl	nd	bdl	bdl
03/09/01	350593	bdl	bdl	nd	bdl	nd
03/09/01	350594	nd	bdl	nd	bdl	nd
03/09/01	350595	bdl	**0.03**	bdl	**0.03**	bdl
03/09/01	350596	bdl	nd	bdl	bdl	bdl
03/09/01	350597	nd	nd	nd	bdl	bdl
03/09/01	350634	**0.03**	bdl	bdl	bdl	bdl
03/08/01	350635	**0.06**	bdl	bdl	bdl	bdl
03/08/01	350636	bdl	nd	bdl	bdl	bdl
03/09/01	350645	nd	nd	nd	nd	nd
03/08/01	350695	**0.54**	**3.24**	**50.38**	**82.12**	**70.69**
03/08/01	350696	bdl	bdl	bdl	bdl	bdl
03/08/01	350697	bdl	bdl	bdl	bdl	bdl
03/08/01	350698	bdl	nd	nd	bdl	nd
03/14/01	353114	nd	bdl	nd	nd	nd
03/14/01	353116	**0.10**	**0.07**	bdl	**0.02**	bdl

TABLE 6

PHASE I SOIL-GAS SURVEY RESULTS - BTEX COMPOUNDS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	Benzene	Toluene	Ethyl-benzene	mp- xylene	o-xylene
Method Detection Limit:		0.03	0.03	0.02	0.02	0.02
03/07/01	353117	nd	nd	nd	nd	nd
03/07/01	353118	nd	nd	nd	nd	nd
03/12/01	353119	nd	nd	nd	nd	nd
03/14/01	353120	nd	nd	nd	nd	nd
03/06/01	method blank	bdl	bdl	nd	nd	nd
03/07/01	method blank	nd	nd	nd	nd	nd
03/07/01	method blank	nd	nd	nd	nd	nd
03/08/01	method blank	nd	nd	nd	nd	nd
03/08/01	method blank	nd	nd	nd	nd	nd
03/09/01	method blank	nd	nd	nd	nd	nd
03/09/01	method blank	nd	nd	nd	nd	nd
03/12/01	method blank	nd	nd	nd	nd	nd
03/13/01	method blank	nd	nd	nd	nd	nd
03/13/01	method blank	nd	nd	nd	nd	nd
03/14/01	method blank	nd	nd	nd	nd	nd
03/14/01	method blank	nd	nd	nd	nd	nd
	Maximum	2.32	3.24	50.38	82.12	70.69
	Standard Dev.	0.38	0.53	8.17	13.32	11.46
	Mean	0.11	0.11	1.34	2.20	1.88

nd = Analyte not detected above the reporting limit.

Bold = Analyte detected above method detection limit, but below reporting limit; qualified as estimated.

TABLE 7
PHASE II PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
5/4/2001	353121	**17.78**	**2.76**	nd	nd	nd	nd	nd	nd
5/4/2001	353122	**39.90**	**8.04**	nd	nd	nd	nd	nd	nd
5/4/2001	353123	**67.99**	**13.04**	nd	nd	nd	nd	nd	nd
5/4/2001	353124	**6.11**	**1.19**	nd	nd	nd	nd	nd	nd
5/4/2001	353125	**80.14**	**18.20**	nd	nd	nd	nd	nd	nd
5/4/2001	353126	**51.00**	**4.24**	nd	nd	nd	nd	nd	nd
5/4/2001	353127	**56.00**	**6.66**	nd	nd	nd	nd	nd	nd
5/4/2001	353128	**54.67**	**7.85**	nd	nd	nd	nd	nd	nd
5/4/2001	353129	**52.30**	**8.85**	nd	nd	nd	nd	nd	nd
5/4/2001	353130	**89.88**	**8.90**	nd	nd	nd	nd	nd	nd
5/4/2001	353131	**179.63**	**29.32**	nd	nd	nd	nd	nd	nd
5/4/2001	353132	**200.50**	**23.64**	nd	nd	nd	nd	nd	nd
5/4/2001	353133	**35.39**	**3.52**	nd	nd	nd	nd	nd	nd
5/4/2001	353134	**101.69**	**12.98**	nd	nd	nd	nd	nd	nd
5/4/2001	353135	**136.30**	**20.56**	nd	nd	nd	nd	nd	nd
5/4/2001	353136	**101.55**	**11.72**	nd	nd	nd	nd	nd	nd
5/4/2001	353138	**57.45**	**13.37**	nd	nd	nd	nd	nd	nd
5/4/2001	353139	**9.17**	**1.82**	nd	nd	nd	nd	nd	nd
5/4/2001	353140	**54.07**	**11.59**	nd	nd	nd	nd	nd	nd
5/4/2001	353141	**100.82**	**11.21**	nd	nd	nd	nd	nd	nd
5/1/2001	357002	**26.33**	**1.81**	nd	nd	nd	nd	nd	nd
5/1/2001	357003	**29.77**	**4.91**	nd	nd	nd	nd	nd	nd
5/1/2001	357004	**22.32**	**11.97**	nd	nd	nd	nd	nd	nd
5/1/2001	357005	**12.49**	**8.87**	nd	nd	nd	nd	nd	nd
5/1/2001	357006	**7.53**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357007	**30.48**	**0.07**	nd	nd	nd	nd	nd	nd
5/1/2001	357008	**24.83**	**0.05**	nd	nd	nd	nd	nd	nd
5/1/2001	357009	**4.78**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357010	**107.73**	**0.19**	nd	nd	nd	nd	nd	nd
5/1/2001	357011	**102.28**	**0.14**	nd	nd	nd	nd	nd	nd
5/1/2001	357012	**65.85**	**0.13**	nd	nd	nd	nd	nd	nd
5/1/2001	357013	**101.94**	**0.28**	nd	nd	nd	nd	nd	nd
5/1/2001	357014	**5.25**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357015	**7.13**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357016	**56.97**	**0.13**	nd	nd	nd	nd	nd	nd
5/1/2001	357017	**30.39**	**0.04**	nd	nd	nd	nd	nd	nd
5/1/2001	357018	**16.02**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357019	**17.09**	**0.09**	nd	nd	nd	nd	nd	nd
5/1/2001	357020	**94.88**	**0.06**	nd	nd	nd	nd	nd	nd
5/1/2001	357021	**89.56**	**0.07**	nd	nd	nd	nd	nd	nd
5/1/2001	357022	**45.69**	**0.05**	nd	nd	nd	nd	nd	nd
5/1/2001	357023	**9.80**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357024	**20.06**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357025	**77.42**	**0.08**	nd	nd	nd	nd	nd	nd
5/1/2001	357026	**73.80**	**0.11**	nd	nd	nd	nd	nd	nd
5/1/2001	357027	**23.80**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357028	**8.51**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357029	**34.60**	**0.07**	nd	nd	nd	nd	nd	nd

TABLE 7
PHASE II PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
5/1/2001	357030	**10.37**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357031	**6.78**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357032	**8.37**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357033	**23.01**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357034	**18.02**	**0.05**	nd	nd	nd	nd	nd	nd
5/2/2001	357035	**4.28**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357036	**18.58**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357037	**8.28**	**0.06**	nd	nd	nd	nd	nd	nd
5/2/2001	357038	**36.78**	**0.05**	nd	nd	nd	nd	nd	nd
5/2/2001	357039	**6.42**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357040	**8.68**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357041	**13.15**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357042	**44.13**	**0.10**	nd	nd	nd	nd	nd	nd
5/2/2001	357043	**34.36**	**0.14**	nd	nd	nd	nd	nd	nd
5/2/2001	357044	**143.22**	**0.36**	nd	nd	nd	nd	nd	nd
5/2/2001	357046	**1.84**	**0.15**	nd	nd	nd	nd	nd	nd
5/2/2001	357047	**12.08**	**0.06**	nd	nd	nd	nd	nd	nd
5/2/2001	357048	**573.54**	**0.24**	nd	nd	nd	nd	nd	nd
5/2/2001	357049	**79.50**	**0.24**	nd	nd	nd	nd	nd	nd
5/2/2001	357050	**14.49**	nd	nd	nd	nd	nd	nd	nd
5/1/2001	357051	**17.51**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357052	**9.52**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357053	**37.87**	**0.10**	nd	nd	nd	nd	nd	nd
5/2/2001	357054	**91.33**	**0.24**	nd	nd	nd	nd	nd	nd
5/2/2001	357055	**25.63**	**0.08**	nd	nd	nd	nd	nd	nd
5/2/2001	357062	**39.25**	**0.26**	nd	nd	nd	nd	nd	nd
5/2/2001	357063	**26.15**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357064	**27.22**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357065	**31.34**	**0.03**	nd	nd	nd	nd	nd	nd
5/2/2001	357066	**20.77**	**0.05**	nd	nd	nd	nd	nd	nd
5/2/2001	357067	**79.75**	**0.11**	nd	nd	nd	nd	nd	nd
5/2/2001	357068	**69.15**	**0.07**	nd	nd	nd	nd	nd	nd
5/2/2001	357069	**23.17**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357070	**173.53**	**0.22**	nd	nd	nd	nd	nd	nd
5/2/2001	357071	**11.78**	bdl	nd	nd	nd	nd	nd	nd
5/2/2001	357072	**14.67**	**0.10**	nd	nd	nd	nd	nd	nd
5/2/2001	357073	**3.98**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357074	**20.07**	**0.07**	nd	nd	nd	nd	nd	nd
5/2/2001	357075	**10.40**	nd	nd	nd	nd	nd	nd	nd
5/2/2001	357076	**22.24**	**0.17**	nd	nd	nd	nd	nd	nd
5/2/2001	357077	**16.30**	**0.04**	nd	nd	nd	nd	nd	nd
5/2/2001	357078	**4.51**	nd	nd	nd	nd	nd	nd	nd
5/3/2001	357079	**9.64**	nd	nd	nd	nd	nd	nd	nd
5/3/2001	357080	**13.21**	**0.10**	nd	nd	nd	nd	nd	nd
5/3/2001	357081	**4.66**	**0.08**	nd	nd	nd	nd	nd	nd
5/3/2001	357082	**18.57**	nd	nd	nd	nd	nd	nd	nd
5/3/2001	357083	**19.28**	nd	nd	nd	nd	nd	nd	nd
5/3/2001	357084	**38.26**	**0.25**	nd	nd	nd	nd	nd	nd

TABLE 7

PHASE II PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [µg])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit:		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
5/3/2001	357085	**36.47**	**0.32**	nd	nd	nd	nd	nd	nd
5/3/2001	357086	**22.43**	**0.06**	nd	nd	nd	nd	nd	nd
5/3/2001	357087	**2.08**	**0.09**	nd	nd	nd	nd	nd	nd
5/3/2001	357088	**46.48**	**0.36**	nd	nd	nd	nd	nd	nd
5/3/2001	357089	**7.25**	**0.06**	nd	nd	nd	nd	nd	nd
5/3/2001	357090	**0.92**	**0.14**	nd	nd	nd	nd	nd	nd
5/3/2001	357091	**11.83**	**0.05**	nd	nd	nd	nd	nd	nd
5/3/2001	357092	**48.43**	**0.13**	nd	nd	nd	nd	nd	nd
5/3/2001	357093	**0.81**	**0.12**	nd	nd	nd	nd	nd	nd
5/3/2001	357094	**2.34**	**0.06**	nd	nd	nd	nd	nd	nd
5/3/2001	357095	**1.82**	**0.13**	nd	nd	nd	nd	nd	nd
5/3/2001	357096	**20.09**	**0.24**	nd	nd	nd	nd	nd	nd
5/3/2001	357097	**10.53**	**0.07**	nd	nd	nd	nd	nd	nd
5/3/2001	357098	**6.85**	**0.06**	nd	nd	nd	nd	nd	nd
5/4/2001	357099	**10.98**	nd	nd	nd	nd	nd	nd	nd
5/4/2001	357100	**9.03**	**0.09**	nd	nd	nd	nd	nd	nd
5/4/2001	357101	**28.27**	**0.14**	nd	nd	nd	nd	nd	nd
5/4/2001	357102	**11.09**	**0.16**	nd	nd	nd	nd	nd	nd
5/4/2001	357103	**9.36**	**0.22**	nd	nd	nd	nd	nd	nd
5/4/2001	357105	**13.71**	**0.07**	nd	nd	nd	nd	nd	nd
5/4/2001	357106	**2.16**	**0.10**	nd	nd	nd	nd	nd	nd
5/4/2001	357107	**26.25**	**0.08**	nd	nd	nd	nd	nd	nd
5/4/2001	357108	**0.67**	nd	nd	nd	nd	nd	nd	nd
5/4/2001	357109	**3.17**	nd	nd	nd	nd	nd	nd	nd
5/4/2001	357110	nd	nd	nd	nd	nd	nd	nd	nd
5/1/2001	method blank	nd	nd	nd	nd	nd	nd	nd	nd
5/1/2001	method blank	nd	nd	nd	nd	nd	nd	nd	nd
5/3/2001	method blank	nd	nd	nd	nd	nd	nd	nd	nd
5/4/2001	method blank	nd	nd	nd	nd	nd	nd	nd	nd
	Maximum	573.54	29.32	0.00	0.00	0.00	0.00	0.00	0.00
	Standard Dev.	62.94	5.16	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	40.99	2.12	0.00	0.00	0.00	0.00	0.00	0.00

nd = Analyte not detected above the reporting limit.

Bold = Analyte detected above method detection limit, but below reporting limit; qualified as estimated.

TCE = Trichloroethylene

PCE = Tetrachloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

DCA = Dichloroethane

TCA = Trichloroethane

TABLE 8
PHASE III PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(in micrograms [ug])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
7/23/2002	398513	**0.07**	**0.65**	nd	nd	nd	nd	nd	nd
7/23/2002	398514	**5.89**	**4.63**	nd	nd	nd	nd	nd	nd
7/23/2002	398515	**12.40**	**4.55**	nd	nd	nd	nd	nd	nd
7/23/2002	398516	**53.37**	**10.91**	nd	nd	nd	nd	nd	nd
7/23/2002	398517	**42.46**	**3.33**	nd	nd	nd	nd	nd	nd
7/23/2002	398518	**15.82**	**0.37**	nd	nd	nd	nd	nd	nd
7/23/2002	398519	**40.33**	**1.18**	nd	nd	nd	nd	nd	nd
7/23/2002	398520	**6.61**	**0.14**	nd	nd	nd	nd	nd	nd
7/23/2002	398521	**39.52**	**0.96**	nd	nd	nd	nd	nd	nd
7/23/2002	398522	**52.48**	**1.60**	nd	nd	nd	nd	nd	nd
7/23/2002	398523	**44.00**	**1.71**	nd	nd	nd	nd	nd	nd
7/23/2002	398524	**31.13**	**1.53**	nd	nd	nd	nd	nd	nd
7/23/2002	398525	**30.63**	**3.84**	nd	nd	nd	nd	nd	nd
7/24/2002	398526	**34.06**	**7.54**	nd	nd	nd	nd	nd	nd
7/24/2002	398527	**12.59**	**5.33**	nd	nd	nd	nd	nd	nd
7/24/2002	398528	**3.14**	**3.48**	nd	nd	nd	nd	nd	nd
7/24/2002	398529	**0.28**	**1.19**	nd	nd	nd	nd	nd	nd
7/24/2002	398536	**3.92**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398537	**1.09**	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398538	**3.51**	**0.07**	nd	nd	nd	nd	nd	nd
7/24/2002	398539	**0.80**	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398540	bdl	**0.03**	nd	nd	nd	nd	nd	nd
7/24/2002	398541	bdl	**0.05**	nd	nd	nd	nd	nd	nd
7/24/2002	398542	**0.03**	**0.08**	nd	nd	nd	nd	nd	nd
7/24/2002	398543	bdl	**0.15**	nd	nd	nd	nd	nd	nd
7/24/2002	398544	bdl	**0.08**	nd	nd	nd	nd	nd	nd
7/24/2002	398545	**0.08**	**0.36**	nd	nd	nd	nd	nd	nd
7/24/2002	398546	**0.20**	**0.27**	nd	nd	nd	nd	nd	nd
7/24/2002	398547	bdl	**0.11**	nd	nd	nd	nd	nd	nd
7/24/2002	398548	**0.32**	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398549	**0.08**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398550	bdl	**1.13**	nd	nd	nd	nd	nd	nd
7/24/2002	398551	**2.85**	**0.24**	nd	nd	nd	nd	nd	nd
7/24/2002	398552	**0.21**	**0.15**	nd	nd	nd	nd	nd	nd
7/24/2002	398553	**0.10**	**0.06**	nd	nd	nd	nd	nd	nd
7/24/2002	398554	**2.88**	**0.13**	nd	nd	nd	nd	nd	nd
7/24/2002	398555	**0.07**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398556	**2.55**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398557	**0.49**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398558	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398559	**6.47**	**0.07**	nd	nd	nd	nd	nd	nd
7/24/2002	398560	**1.21**	nd	bdl	nd	nd	nd	nd	nd
7/24/2002	398561	**7.73**	**0.05**	nd	nd	nd	nd	nd	nd
7/24/2002	398562	**3.23**	**0.04**	nd	nd	nd	nd	nd	nd
7/24/2002	398563	**0.04**	**0.65**	nd	nd	nd	nd	nd	nd
7/24/2002	398564	nd	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398565	nd	**0.46**	nd	nd	nd	nd	nd	nd

TABLE 8

PHASE III PASSIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE

(in micrograms [ug])

DATE ANALYZED	SAMPLE ID	TCE	PCE	trans 1,2-DCE	cis 1,2-DCE	MTBE	1,1-DCA	1,1,1-TCA	1,2-DCA
Method Detection Limit		0.03	0.03	0.08	0.02	0.48	0.02	0.03	0.01
7/24/2002	398566	bdl	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398567	**0.18**	bdl	nd	nd	nd	nd	nd	nd
7/24/2002	398568	**1.63**	**0.09**	nd	nd	nd	nd	nd	nd
7/24/2002	398569	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398570	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398571	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398572	**0.05**	nd	nd	nd	nd	bdl	nd	nd
7/24/2002	398573	**0.03**	**0.10**	nd	nd	nd	nd	nd	nd
7/24/2002	398574	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	398575	nd	**0.03**	nd	nd	nd	nd	nd	nd
7/25/2002	398576	nd	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398577	**0.14**	**0.22**	nd	nd	nd	nd	nd	nd
7/25/2002	398578	**20.59**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398579	**16.43**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398580	**3.76**	nd	nd	nd	nd	nd	nd	nd
7/25/2002	398581	**5.31**	nd	nd	nd	nd	nd	nd	nd
7/25/2002	398582	**9.44**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398583	**37.97**	**0.10**	nd	nd	nd	nd	nd	nd
7/25/2002	398584	**8.15**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398585	**19.29**	**0.08**	nd	nd	nd	nd	nd	nd
7/25/2002	398586	**9.99**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398587	**10.97**	**0.04**	nd	nd	nd	nd	nd	nd
7/25/2002	398588	**1.90**	nd	nd	nd	nd	nd	nd	nd
7/25/2002	398589	**1.56**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398590	**3.51**	**0.05**	nd	nd	nd	bdl	nd	nd
7/25/2002	398591	**11.66**	**0.03**	nd	nd	nd	nd	nd	nd
7/25/2002	398592	**2.02**	nd	nd	nd	nd	nd	nd	nd
7/25/2002	398593	**30.90**	**0.07**	nd	nd	nd	nd	nd	nd
7/25/2002	398594	**16.90**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398595	**13.17**	bdl	nd	nd	nd	nd	nd	nd
7/25/2002	398596	nd	nd	nd	nd	nd	nd	nd	nd
7/23/2002	method blank	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	method blank	nd	nd	nd	nd	nd	nd	nd	nd
7/24/2002	method blank	nd	nd	nd	nd	nd	nd	nd	nd
7/25/2002	method blank	nd	nd	nd	nd	nd	nd	nd	nd
	Maximum	53.37	10.91	0.00	0.00	0.00	0.01	0.00	0.00
	Standard Dev.	13.94	1.83	0.00	0.00	0.00	0.00	0.00	0.00
	Mean	8.94	0.76	0.00	0.00	0.00	0.00	0.00	0.00

nd = Analyte not detected above the reporting limit.

Bold = Analyte detected above method detection limit, but below reporting limit; qualified as estimated.

TCE = Trichloroethylene

PCE = Tetrachloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

DCA = Dichloroethane

TCA = Trichloroethane

TABLE 9
ACTIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(parts per billion by volume of air [ppbv])

Sample ID	Analysis Date	Re-sample Date	TCE	PCE	1,1-DCE	cis 1,2-DCE	Freon 11	1,1,2-TCA	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Carbon tetra-chloride	Benzene	Ethyl-benzene	Toluene	m&p-xylene	o-xylene	Chloroform	Methylene chloride	Tri-chlorofluoro-ethane
MM-5-1	5/18/2002		**1,400**	**140**	<10	<10	**63**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**34**	<10	<10
MM-10-1	5/18/2002		**1,400**	**120**	<10	<10	**65**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**38**	<10	<10
MM-15-1	5/18/2002		**870**	**69**	<10	<10	**41**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**25**	<10	<10
MM-20-1	5/18/2002		**1,200**	**89**	<10	<10	**62**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**33**	<10	<10
MM-40-1	5/18/2002		**5,500**	**430**	<10	<10	**490**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**180**	<10	<10
		5/22/2002	**12,000**	**390**	<10	<10	**430**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**180**	<10	<10
MM-66-1	5/18/2002		**5,000**	**240**	<10	**10**	**540**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**150**	<10	<10
		5/22/2002	**8,200**	**170**	<10	<10	**380**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**120**	<10	<10
MM-80-1	5/18/2002		**3,000**	**92**	<10	<10	**850**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**50**	<10	<10
		5/22/2002	**8,000**	**86**	<10	<10	**750**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**49**	<10	<10
MM-97-1	5/18/2002		**560**	**11**	<10	<10	**84**	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-5-2	5/19/2002		**1,500**	**230**	<10	<10	**68**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**26**	<10	<10
MM-10-2	5/19/2002		**130**	**18**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-15-2	5/19/2002		**1,300**	**160**	<10	<10	**78**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**22**	<10	<10
MM-20-2	5/19/2002		**2,400**	**300**	<10	<10	**170**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**50**	<10	<10
MM-40-2	5/19/2002		**2,500**	**230**	<10	<10	**180**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**50**	<10	<10
		5/22/2002	**2,800**	**290**	<10	<10	**250**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**72**	<10	<10
MM-60-2	5/19/2002		**4,500**	**320**	<10	<10	**540**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**120**	<10	<10
		5/22/2002	**7,900**	**270**	<10	<10	**490**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**110**	<10	<10
MM-80-2	5/19/2002		**1,900**	**70**	<10	<10	**810**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**21**	<10	<10
MM-5-3	5/20/2002		**880**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-3	5/20/2002		**190**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-15-3	5/20/2002		**1,500**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	**11**	<20	<10	<10	<10	<10
MM-20-3	5/20/2002		**3,600**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**25**	<10	<10
		5/20/2002	**5,700**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**25**	<10	<10
MM-40-3	5/20/2002		**2,100**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**14**	<10	<10
MM-62.5-3	5/20/2002		**3,400**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**27**	<10	<10
		5/21/2002	**5,100**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**27**	<10	<10
MM-80-3	5/20/2002		**300**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**15**	<10	<10
MM-5-4	5/21/2002		**1,100**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-4	5/21/2002		**230**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-15-4	5/21/2002		**1,400**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-20-4	5/21/2002		**4,500**	<40	<10	**34**	**13**	<10	<10	<10	<10	<10	<10	<10	<20	<10	**17**	<10	<10
MM-40-4	5/21/2002		**5,000**	<40	<10	**47**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**19**	<10	<10
		5/22/2002	**10,000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**24**	<10	<10
MM-60-4	5/21/2002		**4,900**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**13**	<10	<10
		5/22/2002	**12,000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**18**	<10	<10
MM-80-4	5/21/2002		**2,300**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-97.5-4	5/21/2002		**130**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-5-5	5/24/2002		**1,100**	<10	<10	<10	<10	<10	**19**	<10	<10	<10	<10	**88**	24	<10	<10	<10	<10

TABLE 9
ACTIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(parts per billion by volume of air [ppbv])

Sample ID	Analysis Date	Re-sample Date	TCE	PCE	1,1-DCE	cis 1,2-DCE	Freon 11	1,1,2-TCA	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Carbon tetra-chloride	Benzene	Ethyl-benzene	Toluene	m&p-xylene	o-xylene	Chloroform	Methylene chloride	Tri-chlorofluoro-ethane
MM-10-5	5/24/2002		**1,200**	<10	<10	<10	<10	<10	**41**	<10	<10	<10	<10	**14**	37	**16**	<10	<10	<10
MM-15-5	5/24/2002		**2,100**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-20-5	5/24/2002		**9,100**	**45**	<10	<10	<10	<10	**16**	<10	<10	**11**	<10	**13**	**22**	<10	**36**	<10	<10
		5/24/2002	**7,800**	**45**	<10	<10	<10	<10	**16**	<10	<10	**11**	<10	**13**	**22**	<10	**36**	<10	<10
MM-41.5-5	5/24/2002		**9,000**	**32**	<10	**14**	<10	<10	**22**	<10	<10	<10	<10	**15**	**29**	**11**	**38**	<10	<10
MM-60-5	5/24/2002		**14,000**	<10	<10	**22**	<10	**17**	<10	<10	<10	<10	<10	**14**	<20	<10	**42**	<10	<10
		5/24/2002	**17,000**	<40	<10	**22**	<10	**17**	<10	<10	<10	<10	<10	**14**	<20	<10	**42**	<10	<10
MM-80-5	5/24/2002		**8,600**	<10	**16**	<10	<10	<10	**16**	**16**	<10	**13**	**11**	**35**	**93**	**39**	**10**	<10	**13**
MM-5-6	5/23/2002		**250**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-6	5/23/2002		**170**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-15-6	5/23/2002		**1,200**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-20-6	5/23/2002		**3,500**	**16**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-43-6	5/23/2002		**5,500**	**28**	<10	**16**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**16**	<10	<10
		5/23/2002	**8,900**	**28**	<10	**28**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**28**	<10	<10
MM-60-6	5/23/2002		**6,000**	**13**	<10	**28**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**28**	<10	<10
		5/23/2002	**11,000**	**13**	<10	**13**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**13**	<10	<10
MM-80-6	5/23/2002		**2,300**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-97.5-6	5/23/2002		**550**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-5-7	5/17/2002		**200**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-7	5/17/2002		**770**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	**11**	<10
MM-15-7	5/17/2002		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	**27**	<10
MM-20-7	5/17/2002		<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	**22**	<10
MM-40-7	5/17/2002		**4,900**	**19**	<10	**29**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**21**	**13**	<10
		5/22/2002	**11,000**	**19**	<10	**30**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**22**	<10	<10
MM-5-8	5/16/2002		**1,400**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-8	5/16/2002		**490**	<10	<10	<10	**12**	<10	<10	<10	<10	<10	<10	**12**	<20	<10	<10	<10	<10
MM-15-8	5/16/2002		**1,000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-20-8	5/16/2002		**3,600**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**16**	<10	<10
MM-40-8	5/16/2002		**4,600**	<10	<10	**15**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**19**	<10	<10
		5/16/2002	**6,200**	<10	<10	**15**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**19**	<10	<10
MM-65-8	5/17/2002		**8,700**	<10	<10	**15**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**28**	<10	<10
		5/23/2002	**29,000**	<40	<10	**13**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	**27**	<10	<10
MM-5-9	5/16/2002		**840**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**11**	<20	<10	<10	<10	<10
MM-10-9	5/15/2002		**130**	**11**	<10	<10	<10	<10	<10	<10	<10	<10	<10	**18**	<20	<10	<10	<10	<10
MM-15-9	5/15/2002		**2,200**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-20-9	5/15/2002		**1,600**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-40-9	5/16/2002		**2,100**	<40	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-60-9	5/16/2002		**5,800**	**33**	**84**	**250**	<10	<10	<10	<10	<10	**34**	<10	**29**	<20	<10	**18**	<10	<10
		5/16/2002	**11,000**	**33**	**84**	**250**	<10	<10	<10	<10	<10	**34**	<10	**29**	<20	<10	**18**	<10	<10
MM-80-9	5/16/2002		**1,400**	<10	**71**	**20**	<10	<10	<10	<10	<10	<10	<10	**16**	<20	<10	<10	<10	<10

TABLE 9
ACTIVE SOIL-GAS SURVEY RESULTS - MIRACLE MILE WQARF SITE
(parts per billion by volume of air [ppbv])

Sample ID	Analysis Date	Re-sample Date	TCE	PCE	1,1-DCE	cis 1,2-DCE	Freon 11	1,1,2-TCA	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Carbon tetra-chloride	Benzene	Ethyl-benzene	Toluene	m&p-xylene	o-xylene	Chloroform	Methylene chloride	Tri-chlorofluoro-ethane
		5/16/2002	**1,200**	<10	**71**	**20**	<10	<10	<10	<10	<10	<10	<10	**16**	<20	<10	<10	<10	<10
MM-05-10	5/14/2002		**12**	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-10-10	5/14/2002		**250**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-15-10	5/14/2002		**740**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**10**	<20	<10	<10	<10	<10
MM-20-10	5/14/2002		**1,500**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	**12**	<20	<10	<10	<10	<10
MM-40-10	5/14/2002		**1,500**	<10	<10	**26**	<10	<10	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10
MM-60-10	5/15/2002		**13,000**	<10	**20**	**2,200**	<10	**13**	<10	<10	<10	**17**	<10	<10	<20	<10	**23**	<10	<10
		5/23/2002	**46,000**	**13**	**18**	**2,000**	<10	**12**	<10	<10	<10	**16**	<10	<10	<20	<10	**19**	<10	<10
MM-80-10	5/15/2002		**22,000**	**37**	**110**	**3,300**	<10	<10	<10	<10	**12**	**28**	<10	**12**	<20	<10	**33**	<10	<10
		5/23/2002	**200,000**	**44**	**140**	**5,500**	<10	<10	<10	<10	**15**	**35**	<10	**14**	<20	<10	**40**	<10	<10

ID = Identification

TCE = Trichloroethylene

PCE = Tetrachloroethylene

DCE = Dichloroethylene

MTBE = Methyl tert-butyl ether

DCA = Dichloroethane

TCA = Trichloroethane

Bold = Analyte detected above the method detection limit, but below reporting limit; qualified as estimated

<10 = Indicates analyste not detected above the method detection limit

TABLE 10
SOIL SAMPLE RESULTS - MIRACLE MILE WQARF SITE
(milligrams per kilogram [mg/kg])

Sample ID	Analyses Date	TCE	trans 1,2-DCE	1,2,4-Trimethyl-benzene	Methylene chloride	Toluene	o-Xylene	m,p-Xylene
MM-40-1	5/18/2002	<0.052	<0.052	0.12	<0.10	0.067	0.057	0.17
MM-66-1	5/18/2002	<0.051	<0.051	0.079	<0.10	0.06	<0.051	0.1
MM-97-1	5/18/2002	<0.044	<0.044	0.15	<0.089	<0.044	0.068	0.23
MM-10-2	5/19/2002	<0.055	0.056	0.16	<0.11	0.077	0.08	0.22
MM-40-2	5/19/2002	<0.053	<0.053	0.062	<0.11	<0.053	<0.053	<0.11
MM-80-2	5/19/2002	<0.046	<0.046	0.054	<0.092	<0.046	<0.046	<0.092
MM-40-3	5/20/2002	<0.053	0.054	<0.053	<0.11	<0.053	<0.053	<0.11
MM-80-4	5/21/2002	0.12	<0.053	<0.053	<0.11	<0.053	<0.053	<0.11
MM-60-5	5/22/2002	0.34	<0.096	<0.048	<0.096	<0.048	<0.048	<0.096
MM-60-6	5/22/2002	0.18	<0.050	<0.050	<0.10	<0.050	<0.050	<0.10
MM-60-7	5/17/2002	0.13	<0.051	<0.051	<0.10	<0.051	<0.051	<0.10
	6/12/2002	0.13	<0.050	<0.050	<.010	<0.050	<0.050	<1.10
MM-5-8	5/16/2002	<0.054	<0.054	0.14	<0.11	<0.054	<0.054	<0.11
MM-15-8	5/16/2002	<0.047	<0.047	0.097	<0.095	<0.047	<0.047	<0.095
MM-20-8	5/16/2002	<0.054	<0.054	0.12	<0.11	<0.054	<0.054	<0.11
MM-40-8	5/16/2002	<0.062	<0.062	0.14	<0.12	<0.062	<0.062	<0.12
MM-65-8	5/16/2002	0.049	<0.048	<0.048	<0.096	<0.048	<0.048	<0.096
	6/12/2002	<0.050	<0.050	<0.050	< 0.10	<0.050	<0.050	<0.10
MM-80-9	5/15/2002	<0.048	<0.048	0.15	< 0.096	<0.048	<0.048	0.12
MM-80-10	5/14/2002	0.49	<0.047	<0.047	0.24	<0.047	<0.047	<0.095
GPL:		**0.76**	**9.2**	***26***	**0.47**	**154**	**2,611**	**2,611**
NR-SRL:		**65**	**230**	**170**	**210**	**650**	**420**	**420**

Notes:

Sample ID: Miracle Mile - boring depth - boring number

NR-SRL = Non-residential Soil Remediation Levels (ADEQ, 2009)

GPL = Groundwater Protection Levels, as calculated in ADEQ's *Spreadsheet GPL* (ADEQ, 2008b)

- Samples were submitted for testing by EPA method SW8260B.
- Samples reported in this table contain one or more VOC's detected above the laboratory report limit from previous screening samples

TCE = Trichloroethylene

DCE = Dichloroethylene

TABLE 11
ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
COLLECTED FROM SOIL BORING NOS. 7 AND 8 - MIRACLE MILE WQARF SITE

		Volatile Organic Compounds (µg/L)					Metals (mg/L)	
Sample ID	**Analyses Date**	**TCE**	**cis 1,2-DCE**	**2-Butanone (MEK)**	**Chloroform**	**Acetone**	**Barium**	**Chromium**
MM-72-7	5/20/2002	**1,400**	<1.0	< 5.0	< 1.0	< 20	0.72	0.078
MM-80-8	5/20/2002	**880**	1.4	12	1	23	0.39	0.012
AWQS		**5**	**70**	NS	NS	NS	**2**	**0.1**

Sample ID: Miracle Mile - soil boring depth - soil boring number

AWQS = Aquifer Water Quality Standard

NS = No numeric AWQS

µg/L = micrograms per liter

mg/L = milligrams per liter

Bold = indicate analyte detected at concentrations above the AWQS

VOCs were analyzed using EPA Method 8260

Metals were analyzed using EPA 200

TABLE 12
SOIL-GAS TO SOIL CONVERSION CALCULATIONS
MIRACLE MILE WQARF SITE

Sample ID	Analysis Date	Re-sample Date	TCE	TCE	PCE	PCE	1,1-DCE	1,1-DCE	*cis* - 1,2-DCE	cis- 1,2-DCE	Freon 11	Freon 11	Benzene	Benzene	Ethyl benzene	Ethyl benzene	Toluene	Toluene	m, p-xylene	o-xylene	Total Xylene	Total Xylene	Chloroform	Chloroform
			K_{oc} = [b] 166		K_{oc} = [b] 155		K_{oc} = [b] 31.6		K_{oc} = [b] 35.5		K_{oc} = [f] 97		K_{oc} = [b] 58.9		K_{oc} = [b] 363		K_{oc} = [b] 182		K_{oc} = [b] 386				K_{oc} = [b] 39.8	
			H_o = [b] 0.422		H_o = [b] 0.751		H_o = [b] 0.23		H_o = [b] 0.167		H_o = [f] 0.097		H_o = [b] 0.228		H_o = [b] 0.323		H_o = [b] 0.272		H_o = [b] 0.276				H_o = [b] 0.15	
			ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	ppbv	ppbv	mg/kg	ppbv	mg/kg
MM-5-1	5/18/2002		**1,400**	0.021	**140**	0.0015	*10*	*5.73E-05*	*10*	8.17E-05	**63**	2.55E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**34**	4.06E-04
MM-10-1	5/18/2002		**1,400**	0.021	**120**	0.0013	*10*	*5.73E-05*	*10*	*8.17E-05*	**65**	2.64E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**38**	4.54E-04
MM-15-1	5/18/2002		**870**	0.013	**69**	0.0007	*10*	*5.73E-05*	*10*	*8.17E-05*	**41**	1.66E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**25**	2.99E-04
MM-20-1	5/18/2002		**1,200**	0.018	**89**	0.0009	*10*	*5.73E-05*	*10*	*8.17E-05*	**62**	2.51E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**33**	3.94E-04
MM-40-1	5/18/2002		**5,500**	0.082	**430**	0.0045	*10*	*5.73E-05*	*10*	*8.17E-05*	**490**	1.99E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**180**	2.15E-03
		5/22/2002	**12,000**	0.180	**390**	0.0041	*10*	*5.73E-05*	*10*	*8.17E-05*	**430**	1.74E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**180**	2.15E-03
MM-66-1	5/18/2002		**5,000**	0.075	**240**	0.0025	*10*	*5.73E-05*	**10**	8.17E-05	**540**	2.19E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**150**	1.79E-03
		5/22/2002	**8,200**	0.123	**170**	0.0018	*10*	*5.73E-05*	*10*	*8.17E-05*	**380**	1.54E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**120**	1.43E-03
MM-80-1	5/18/2002		**3,000**	0.045	**92**	0.0010	*10*	*5.73E-05*	*10*	*8.17E-05*	**850**	3.45E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**50**	5.97E-04
		5/22/2002	**8,000**	0.120	**86**	0.0009	*10*	*5.73E-05*	*10*	*8.17E-05*	**750**	3.04E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**49**	5.85E-04
MM-97-1	5/18/2002		**560**	0.008	**11**	0.0001	*10*	*5.73E-05*	*10*	*8.17E-05*	**84**	3.41E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-5-2	5/19/2002		**1,500**	0.022	**230**	0.0024	*10*	*5.73E-05*	*10*	*8.17E-05*	**68**	2.76E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**26**	3.10E-04
MM-10-2	5/19/2002		**130**	0.002	**18**	0.0002	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-2	5/19/2002		**1,300**	0.019	**160**	0.0017	*10*	*5.73E-05*	*10*	*8.17E-05*	**78**	3.16E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**22**	2.63E-04
MM-20-2	5/19/2002		**2,400**	0.036	**300**	0.0032	*10*	*5.73E-05*	*10*	*8.17E-05*	**170**	6.89E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**50**	5.97E-04
MM-40-2	5/19/2002		**2,500**	0.037	**230**	0.0024	*10*	*5.73E-05*	*10*	*8.17E-05*	**180**	7.30E-03	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**50**	5.97E-04
		5/22/2002	**2,800**	0.042	**290**	0.0031	*10*	*5.73E-05*	*10*	*8.17E-05*	**250**	1.01E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**72**	8.60E-04
MM-60-2	5/19/2002		**4,500**	0.067	**320**	0.0034	*10*	*5.73E-05*	*10*	*8.17E-05*	**540**	2.19E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**120**	1.43E-03
		5/22/2002	**7,900**	0.118	**270**	0.0029	*10*	*5.73E-05*	*10*	*8.17E-05*	**490**	1.99E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**110**	1.31E-03
MM-80-2	5/19/2002		**1,900**	0.028	**70**	0.0007	*10*	*5.73E-05*	*10*	*8.17E-05*	**810**	3.28E-02	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**21**	2.51E-04
MM-5-3	5/20/2002		**880**	0.013	*40*	0.0004	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-3	5/20/2002		**190**	0.003	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-3	5/20/2002		**1,500**	0.022	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**11**	1.89E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-3	5/20/2002		**3,600**	0.054	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**25**	2.99E-04
		5/20/2002	**5,700**	0.085	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**25**	2.99E-04
MM-40-3	5/20/2002		**2,100**	0.031	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**14**	1.67E-04
MM-62.5-3	5/20/2002		**3,400**	0.051	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**27**	3.22E-04
		5/21/2002	**5,100**	0.076	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**27**	3.22E-04
MM-80-3	5/20/2002		**300**	0.004	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**15**	1.79E-04
MM-5-4	5/21/2002		**1,100**	0.016	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-4	5/21/2002		**230**	0.003	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-4	5/21/2002		**1,400**	0.021	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-4	5/21/2002		**4,500**	0.067	*40*	*0.0004*	*10*	*5.73E-05*	**34**	2.78E-04	**13**	5.27E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**17**	2.03E-04
MM-40-4	5/21/2002		**5,000**	0.075	*40*	*0.0004*	*10*	*5.73E-05*	**47**	3.84E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**19**	2.27E-04
		5/22/2002	**10,000**	0.150	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**24**	2.87E-04
MM-60-4	5/21/2002		**4,900**	0.073	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**13**	1.55E-04
		5/22/2002	**12,000**	0.180	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**18**	2.15E-04
MM-80-4	5/21/2002		**2,300**	0.034	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-97.5-4	5/21/2002		**130**	0.002	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-5-5	5/24/2002		**1,100**	0.016	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**88**	1.52E-03	**24**	*10*	**24**	9.32E-04	*10*	*1.19E-04*
MM-10-5	5/24/2002		**1,200**	0.018	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**14**	2.41E-04	**37**	**16**	***53***	2.06E-03	*10*	*1.19E-04*
MM-15-5	5/24/2002		**2,100**	0.031	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-5	5/24/2002		**9,100**	0.136	**45**	0.0005	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	**11**	7.64E-05	*10*	*3.14E-04*	**13**	2.24E-04	**22**	*10*	**22**	8.54E-04	**36**	4.30E-04
		5/24/2002	**7,800**	0.117	**45**	0.0005	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	**11**	7.64E-05	*10*	*3.14E-04*	**13**	2.24E-04	**22**	*10*	**22**	8.54E-04	**36**	4.30E-04
MM-41.5-5	5/24/2002		**9,000**	0.135	**32**	0.0003	*10*	*5.73E-05*	**14**	1.14E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**15**	2.58E-04	**29**	**11**	*40*	1.55E-03	**38**	4.54E-04
MM-60-5	5/24/2002		**14,000**	0.209	*10*	*0.0001*	*10*	*5.73E-05*	**22**	1.80E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**14**	2.41E-04	*20*	*10*	*30*	*1.16E-03*	**42**	5.02E-04
		5/24/2002	**17,000**	0.254	*40*	*0.0004*	*10*	*5.73E-05*	**22**	1.80E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**14**	2.41E-04	*20*	*10*	*30*	*1.16E-03*	**42**	5.02E-04
MM-80-5	5/24/2002		**8,600**	0.129	*10*	*0.0001*	**16**	9.17E-05	*10*	*8.17E-05*	*10*	4.06E-04	**13**	9.03E-05	**11**	3.46E-04	**35**	6.03E-04	**93**	**39**	**132**	5.12E-03	**10**	1.19E-04
MM-5-6	5/23/2002		**250**	0.004	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-6	5/23/2002		**170**	0.003	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
Groundwater Protection Level[e] (mg/kg)			**0.76**		**0.8**		**0.85**		**5**		**--**		**0.44**		**176**		**154**		**2611**				**6**	
Non-residential Soil Remediation Level[d] (mg/kg)			**65**		**13**		**410**		**150**		**1300**		**1.4**		**400**		**650**		**420**				**20**	
Residential Soil Remediation Levels[d] (mg/kg)	**Non-Carcinogen**		**17**		**--**		**120**		**43**		**390**		**--**		**400**		**650**		**270**				**--**	
	Carcinogen	10^{-5}	**30**		**5.1**		**--**		**--**		**--**		**--**		**--**		**--**		**--**				**9.4**	
		10^{-6}	**3**		**0.51**		**--**		**--**		**--**		**0.65**		**--**		**--**		**--**				**0.94**	

TABLE 12
SOIL-GAS TO SOIL CONVERSION CALCULATIONS
MIRACLE MILE WQARF SITE

Sample ID	Analysis Date	Re-sample Date	TCE	TCE	PCE	PCE	1,1-DCE	1,1-DCE	*cis* - 1,2-DCE	cis- 1,2-DCE	Freon 11	Freon 11	Benzene	Benzene	Ethyl benzene	Ethyl benzene	Toluene	Toluene	m, p-xylene	o-xylene	Total Xylene	Total Xylene	Chloroform	Chloroform
			K_{oc} = [b] 166		K_{oc} = [b] 155		K_{oc} = [b] 31.6		K_{oc} = [b] 35.5		K_{oc} = [f] 97		K_{oc} = [b] 58.9		K_{oc} = [b] 363		K_{oc} = [b] 182		K_{oc} = [b] 386				K_{oc} = [b] 39.8	
			H_o = [b] 0.422		H_o = [b] 0.751		H_o = [b] 0.23		H_o = [b] 0.167		H_o = [f] 0.097		H_o = [b] 0.228		H_o = [b] 0.323		H_o = [b] 0.272		H_o = [b] 0.276				H_o = [b] 0.15	
			ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	mg/kg	ppbv	ppbv	ppbv	mg/kg	ppbv	mg/kg
MM-15-6	5/23/2002		**1,200**	0.018	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-6	5/23/2002		**3,500**	0.052	**16**	0.0002	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-43-6	5/23/2002		**5,500**	0.082	**28**	0.0003	*10*	*5.73E-05*	**16**	1.31E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**16**	1.91E-04
		5/23/2002	**8,900**	0.133	**28**	0.0003	*10*	*5.73E-05*	**28**	2.29E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**28**	3.34E-04
MM-60-6	5/23/2002		**6,000**	0.090	**13**	0.0001	*10*	*5.73E-05*	**28**	2.29E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**28**	3.34E-04
		5/23/2002	**11,000**	0.165	**13**	0.0001	*10*	*5.73E-05*	**13**	1.06E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**13**	1.55E-04
MM-80-6	5/23/2002		**2,300**	0.034	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-97.5-6	5/23/2002		**550**	0.008	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-5-7	5/17/2002		**200**	0.003	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-7	5/17/2002		**770**	0.012	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-7	5/17/2002		*10*	*0.0001*	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-7	5/17/2002		*10*	*0.0001*	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-40-7	5/17/2002		**4,900**	0.073	**19**	0.0002	*10*	*5.73E-05*	**29**	2.37E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**21**	2.51E-04
		5/22/2002	**11,000**	0.165	**19**	0.0002	*10*	*5.73E-05*	**30**	2.45E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**22**	2.63E-04
MM-5-8	5/16/2002		**1,400**	0.021	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-8	5/16/2002		**490**	0.007	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	**12**	4.87E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**12**	2.07E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-8	5/16/2002		**1,000**	0.015	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-8	5/16/2002		**3,600**	0.054	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**16**	1.91E-04
MM-40-8	5/16/2002		**4,600**	0.069	*10*	*0.0001*	*10*	*5.73E-05*	**15**	1.23E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**19**	2.27E-04
		5/16/2002	**6,200**	0.093	*10*	*0.0001*	*10*	*5.73E-05*	**15**	1.23E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**19**	2.27E-04
MM-65-8	5/17/2002		**8,700**	0.130	*10*	*0.0001*	*10*	*5.73E-05*	**15**	1.23E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**28**	3.34E-04
		5/23/2002	**29,000**	0.434	*40*	*0.0004*	*10*	*5.73E-05*	**13**	1.06E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**27**	3.22E-04
MM-5-9	5/16/2002		**840**	0.013	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**11**	1.89E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-9	5/15/2002		**130**	0.002	**11**	0.0001	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**18**	3.10E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-9	5/15/2002		**2,200**	0.033	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-9	5/15/2002		**1,600**	0.024	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-40-9	5/16/2002		**2,100**	0.031	*40*	*0.0004*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-60-9	5/16/2002		**5,800**	0.087	**33**	0.0003	**84**	4.82E-04	**250**	2.04E-03	*10*	4.06E-04	**34**	2.36E-04	*10*	*3.14E-04*	**29**	4.99E-04	*20*	*10*	*30*	*1.16E-03*	**18**	2.15E-04
		5/16/2002	**11,000**	0.165	**33**	0.0003	**84**	4.82E-04	**250**	2.04E-03	*10*	4.06E-04	**34**	2.36E-04	*10*	*3.14E-04*	**29**	4.99E-04	*20*	*10*	*30*	*1.16E-03*	**18**	2.15E-04
MM-80-9	5/16/2002		**1,400**	0.021	*10*	*0.0001*	**71**	4.07E-04	**20**	1.63E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**16**	2.75E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
		5/16/2002	**1,200**	0.018	*10*	*0.0001*	**71**	4.07E-04	**20**	1.63E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**16**	2.75E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-05-10	5/14/2002		**12**	0.000	10	0.0001	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-10-10	5/14/2002		**250**	0.004	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-15-10	5/14/2002		**740**	0.011	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**10**	1.72E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-20-10	5/14/2002		**1,500**	0.022	*10*	*0.0001*	*10*	*5.73E-05*	*10*	*8.17E-05*	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	**12**	2.07E-04	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-40-10	5/14/2002		**1,500**	0.022	*10*	*0.0001*	*10*	*5.73E-05*	**26**	2.12E-04	*10*	4.06E-04	*10*	*6.95E-05*	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	*10*	*1.19E-04*
MM-60-10	5/15/2002		**13,000**	0.194	*10*	*0.0001*	**20**	1.15E-04	**2,200**	1.80E-02	*10*	4.06E-04	**17**	1.18E-04	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**23**	2.75E-04
		5/23/2002	**46,000**	0.688	**13**	0.0001	**18**	1.03E-04	**2,000**	1.63E-02	*10*	4.06E-04	**16**	1.11E-04	*10*	*3.14E-04*	*10*	*1.72E-04*	*20*	*10*	*30*	*1.16E-03*	**19**	2.27E-04
MM-80-10	5/15/2002		**22,000**	0.329	**37**	0.0004	**110**	6.31E-04	**3,300**	2.70E-02	*10*	4.06E-04	**28**	1.95E-04	*10*	*3.14E-04*	**12**	2.07E-04	*20*	*10*	*30*	*1.16E-03*	**33**	3.94E-04
		5/23/2002	**200,000**	**2.992**	**44**	0.0005	**140**	8.03E-04	**5,500**	4.49E-02	*10*	4.06E-04	**35**	2.43E-04	*10*	*3.14E-04*	**14**	2.41E-04	*20*	*10*	*30*	*1.16E-03*	**40**	4.78E-04
Groundwater Protection Level[e] (mg/kg)			**0.76**		**0.8**		**0.85**		**5**		--		**0.44**		**176**		**154**		**2611**				**6**	
Non-residential Soil Remediation Level[d] (mg/kg)			**65**		**13**		**410**		**150**		**1300**		**1.4**		**400**		**650**		**420**				**20**	
Residential Soil Remediation Levels[d] (mg/kg)	**Non-Carcinogen**		**17**		--		**120**		**43**		**390**		--		**400**		**650**		**270**				--	
	Carcinogen	10^{-5}	**30**		**5.1**		--		--		--		--		--		--		--				**9.4**	
		10^{-6}	**3**		**0.51**		--		--		--		**0.65**		--		--		--				**0.94**	

Notes:

bold = detection at or above method reporting limit

italic = ND = less than laboratory reporting limit

bold shaded = soil concentration exceeds Minimum GPL

ppbv = parts per billion by volume

$1m^3$ = 1000 L

Concentration µg/m^3 = Concentration ppbv *MW/24.46

MW = Molecular Weight (g/mole)

mg/kg = milligrams per kilogram

GPL = Groundwater Protection Level

$C_t = C_g [K_{oc} f_{oc} \rho_b / H_o + \theta_w / H_o + (\theta_t - \theta_w)] / \rho_b$

linear sorption partitioning equation

C_t = total concentration in soil (µg/kg)[b]

C_g = concentration in soil vapor (µg/L)

K_{oc}=soil organic carbon-water partitioning coefficient (L/kg)

f_{oc} = fraction of organic carbon= 0.006 (g-organic carbon/g-soil)

ρ_b =dry bulk density= 1.5 (kg/L)

H_o = Henry's law Constant (dimensionless)

θ_w= volumetric water content= 0.15 (volume of water/volume of soil)

θ_t = total soil porosity= 0.43 (volume of voids/volume total)

TCE= Trichloroethene

PCE= Tetrachlororethene

1,1-DCE = 1,1-Dichloroethene

cis 1,2-DCE= 1,2-Dichloroethene

Freon 11 = Trichlorofluoromethane

m,p-xylene= Meta & Para Xylene

o-xylene = Ortho Xylene

b: ADEQ, 2008a

d: ADEQ, 2009

e: As calculated in ADEQ's Spreadsheet GPL (ADEQ,2008b)

f: Matheson Tri-Gas, 2008

TABLE 13
ABRAMS ESI SOIL RESULTS - MIRACLE MILE WQARF SITE
(in milligrams per kilogram [mg/kg])

Sample ID	Well Boring	Collection Date	TCE	PCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Arsenic	Cadmium	Chromium	Lead	Zinc	Hexavalent Chromium
AAM-S-20-005	IRA-27	6/30/2004	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<5.0	<1.0	**6.3**	**10**	**31**	<0.50
AAM-S-20-010	IRA-27	6/30/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	**5.1**	**7.1**	**23**	<0.50
AAM-S-20-015	IRA-27	6/30/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	**7.1**	**19**	<0.50
AAM-S-20-020	IRA-27	6/30/2004	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<5.0	<1.0	<5.0	**5.1**	**15**	<0.50
AAM-S-20-025	IRA-27	6/30/2004	<0.0010	<0.0019	<0.0010	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-20-030	IRA-27	6/30/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**9.9**	<0.50
AAM-S-20-035	IRA-27	6/30/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**7.2**	<0.50
AAM-S-20-040	IRA-27	6/30/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-20-045	IRA-27	6/30/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-20-050	IRA-27	6/30/2004	<0.0010	<0.0019	<0.0010	<0.0019	<0.0019	<5.0	<1.0	**5.6**	<5.0	**12**	<0.50
AAM-S-20-055	IRA-27	6/30/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-20-060	IRA-27	6/30/2004	**0.0009**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-20-065	IRA-27	6/30/2004	**0.015**	<0.0018	**0.0016**	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**8.7**	<0.50
AAM-S-20-070	IRA-27	6/30/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**9.2**	<0.50
AAM-S-20-075	IRA-27	7/1/2004	<0.0009	<0.0017	<0.0009	<0.0017	<0.0017	<5.0	<1.0	<5.0	<5.0	**17**	<0.50
AAM-S-20-080	IRA-27	7/1/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	**5.5**	**11**	<0.50
AAM-S-21-005	IRA-28	7/1/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	**5.9**	**1.3**	**8.6**	**16**	**47**	<0.50
AAM-S-21-010	IRA-28	7/1/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	**5.3**	**17**	<0.50
AAM-S-21-015	IRA-28	7/1/2004	<0.0010	<0.0019	<0.0010	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**8.7**	<0.50
AAM-S-21-020	IRA-28	7/1/2004	<0.0012	<0.0023	<0.0012	<0.0023	<0.0023	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-21-025	IRA-28	7/1/2004	<0.0010	<0.0019	<0.0010	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-21-030	IRA-28	7/1/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-21-035	IRA-28	7/1/2004	<0.0012	<0.0024	<0.0012	<0.0024	<0.0024	<5.0	<1.0	<5.0	<5.0	**8.3**	<0.50
AAM-S-21-040	IRA-28	7/1/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-21-045	IRA-28	7/2/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	**5.5**	<1.0	<5.0	**5.5**	**16**	<0.50
AAM-S-21-050	IRA-28	7/2/2004	<0.0009	<0.0017	<0.0009	<0.0017	<0.0017	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-21-055	IRA-28	7/2/2004	**0.0019**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**7.9**	<0.50
AAM-S-21-060	IRA-28	7/2/2004	**0.0032**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**8.4**	<0.50
AAM-S-21-065	IRA-28	7/2/2004	**0.017**	<0.0018	**0.0021**	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-21-070	IRA-28	7/2/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-21-075	IRA-28	7/2/2004	**0.0012**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-21-080	IRA-28	7/2/2004	<0.0008	<0.0016	<0.0008	<0.0016	<0.0016	<5.0	<1.0	<5.0	<5.0	**16**	<0.50
AAM-S-21-085	IRA-28	7/2/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-22-004	IRA-29	7/7/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	**7.3**	**15**	**41**	<0.50
AAM-S-22-010	IRA-29	7/7/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-22-015	IRA-29	7/7/2004	<0.0011	<0.0021	<0.0011	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-22-020	IRA-29	7/7/2004	<0.0010	<0.0021	<0.0010	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-22-025	IRA-29	7/7/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-22-028	IRA-29	7/7/2004	NA	NA	NA	NA	NA	**5.6**	<1.0	<5.0	<5.0	**12**	NA
AAM-S-22-030	IRA-29	7/7/2004	<0.0010	<0.0021	<0.0010	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-22-035	IRA-29	7/7/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**9.0**	<0.50
AAM-S-22-040	IRA-29	7/7/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**8.1**	<0.50
AAM-S-22-045	IRA-29	7/7/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-22-050	IRA-29	7/7/2004	**0.0018**	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-22-055	IRA-29	7/7/2004	**0.0019**	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**8.6**	<0.50
AAM-S-22-060	IRA-29	7/7/2004	**0.0078**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**9.1**	<0.50
AAM-S-22-065	IRA-29	7/7/2004	<0.0009	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**5.9**	<0.50
AAM-S-22-070	IRA-29	7/8/2004	<0.0009	<0.0017	<0.0009	<0.0017	<0.0017	<5.0	<1.0	<5.0	<5.0	**9.5**	<0.50
AAM-S-22-075	IRA-29	7/8/2004	<0.0010	<0.0021	<0.0010	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**7.7**	<0.50
AAM-S-22-080	IRA-29	7/7/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**9.4**	<0.50
AAM-S-23-005	IRA-30	7/10/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	**5.9**	**20**	<0.50
AAM-S-23-010	IRA-30	7/10/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-23-015	IRA-30	7/10/2004	<0.0010	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-23-18	IRA-30	7/10/2004	NA	NA	NA	NA	NA	<5.0	<1.0	<5.0	<5.0	**16**	NA
AAM-S-23-020	IRA-30	7/10/2004	<0.0011	<0.0021	<0.0011	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-23-25	IRA-30	7/10/2004	<0.0011	<0.0021	<0.0011	<0.0021	<0.0021	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-23-30	IRA-30	7/10/2004	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-23-35	IRA-30	7/10/2004	<0.0011	<0.0022	<0.0011	<0.0022	<0.0022	<5.0	<1.0	**5.0**	<5.0	**12**	<0.50
AAM-S-23-40	IRA-30	7/10/2004	<0.0009	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**9.4**	<0.50
AAM-S-23-45	IRA-30	7/10/2004	<0.0008	<0.0017	<0.0008	<0.0017	<0.0017	<5.0	<1.0	<5.0	<5.0	**15**	<1.0
AAM-S-23-50	IRA-30	7/10/2004	**0.0032**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-23-55	IRA-30	7/10/2004	**0.036**	<0.0019	**0.0031**	<0.0019	<0.0019	<5.0	<1.0	**5.9**	<5.0	**37**	<0.50
AAM-S-23-60	IRA-30	7/10/2004	**0.0041**	<0.0018	<0.0009	<0.0018	<0.0018	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-23-65	IRA-30	7/10/2004	**0.0057**	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	<5.0	<5.0	**21**	<0.50
AAM-S-23-70	IRA-30	7/10/2004	**0.0015**	<0.0020	<0.0010	<0.0020	<0.0020	<5.0	**1.1**	**7.7**	**10**	**49**	<0.50
AAM-S-23-75	IRA-30	7/10/2004	**0.0031**	<0.0019	<0.0009	<0.0019	<0.0019	<5.0	<1.0	**5.3**	**9.3**	**34**	<0.50
GPL[a]			**0.76**	**0.8**	**0.85**	**5**	**9.2**	**290**	**29**	**590**	**290**	**No GPL**	**No GPL**
NR-SRL[b]			**65**	**13**	**410**	**150**	**230**	**10**	**510**	**1000000**	**800**	**310000**	**65**

Bold = Analyte detected at or above the method reporting limit.
NA=Not Analyzed
TCE = Trichloroethylene
PCE = Tetrachloroethylene
DCE = Dichloroethylene
"<" = Indicates analyte not detected above the reporting limit

GPL = Groundwater Protection Level (mg/kg)
NR-SRL = Non-residential Soil Remediation Level (mg/kg)
a = Organics were calculated in ADEQ's Spreadsheet GPL (ADEQ,2008b); Metals used (ADEQ, 1996)
b = ADEQ, 2009

TABLE 14
ABRAMS ESI SOIL BACKGROUND RESULTS - MIRACLE MILE WQARF SITE
(in milligrams per kilogram [mg/kg])

Sample ID	Reaccession Date	Arsenic	Cadmium	Chromium	Lead	Zinc	Hexavalent Chromium
AAM-S-12-005	8/30/2004	<5.0	<1.0	**9.1**	**14**	**43**	<0.50
AAM-S-12-10	8/30/2004	<5.0	<1.0	<5.0	**5.6**	**15**	<0.50
AAM-S-12-15	8/30/2004	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-12-25	8/30/2004	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-12-30	8/30/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-12-35	8/30/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-12-40	8/30/2004	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-12-45	8/30/2004	<5.0	<1.0	<5.0	**7.5**	**25**	<0.50
AAM-S-13-005	8/26/2004	<5.0	<1.0	**7.6**	**11**	**35**	<0.50
AAM-S-13-010	8/26/2004	<5.0	<1.0	<5.0	<5.0	**17**	<0.50
AAM-S-13-015	8/26/2004	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-13-020	8/26/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-13-025	8/26/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-13-030	8/26/2004	<5.0	<1.0	<5.0	<5.0	**18**	<0.50
AAM-S-13-035	8/26/2004	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-13-040	8/26/2004	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-14-5	8/26/2004	<5.0	<1.0	**6.1**	**8.6**	**27**	<0.50
AAM-S-14-10	8/26/2004	<5.0	<1.0	<5.0	**5.2**	**16**	<0.50
AAM-S-14-15	8/26/2004	<5.0	<1.0	<5.0	<5.0	**15**	<0.50
AAM-S-14-20	8/26/2004	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-14-25	8/26/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-14-30	8/26/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-14-35	8/26/2004	<5.0	<1.0	<5.0	<5.0	**16**	<0.50
AAM-S-14-40	8/26/2004	<5.0	<1.0	<5.0	<5.0	**8.6**	<0.50
AAM-S-15-5	8/31/2004	<5.0	**2.2**	**46**	**20**	**490**	<0.50
AAM-S-15-10	8/31/2004	<5.0	<1.0	**8.3**	**8.0**	**60**	<0.50
AAM-S-15-15	8/31/2004	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-15-20	8/31/2004	<5.0	<1.0	<5.0	<5.0	**9.8**	<0.50
AAM-S-15-25	8/31/2004	**7.2**	<1.0	<5.0	**5.7**	**16**	<0.50
AAM-S-15-35	8/31/2004	<5.0	<1.0	**5.7**	<5.0	**12**	<0.50
AAM-S-15-45	8/31/2004	**8.1**	<1.0	**7.1**	**5.8**	**32**	<0.50
AAM-S-16-08	8/30/2004	<5.0	<1.0	**6.0**	**6.7**	**23**	<0.50
AAM-S-16-10	8/30/2004	<5.0	<1.0	<5.0	**5.2**	**17**	<0.50
AAM-S-16-15	8/30/2004	<5.0	<1.0	<5.0	<5.0	**18**	<0.50
AAM-S-16-20	8/30/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-16-25	8/30/2004	<5.0	<1.0	**5.2**	<5.0	**16**	<0.50
AAM-S-16-30	8/30/2004	<5.0	<1.0	<5.0	<5.0	**13**	<0.50
AAM-S-16-35	8/30/2004	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-16-40	8/30/2004	**6.4**	<1.0	**15**	<5.0	**21**	<0.50
AAM-S-17-005	8/28/2004	<5.0	<1.0	**6.0**	**8.5**	**27**	<0.50
AAM-S-17-010	8/28/2004	<5.0	<1.0	<5.0	<5.0	**16**	<0.50
AAM-S-17-015	8/28/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-17-020	8/28/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-17-25	8/28/2004	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-17-30	8/28/2004	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-17-35	8/28/2004	<5.0	<1.0	<5.0	<5.0	**12**	<0.50
AAM-S-17-44.5	8/28/2004	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-18-05	8/27/2004	<5.0	<1.0	**8.7**	**9.7**	**35**	<0.50
AAM-S-18-10	8/27/2004	<5.0	<1.0	<5.0	**6.5**	**19**	<0.50
AAM-S-18-15	8/27/2004	<5.0	<1.0	<5.0	<5.0	**18**	<0.50
AAM-S-18-20	8/27/2004	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-18-25	8/27/2004	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-18-30	8/27/2004	<5.0	<1.0	<5.0	<5.0	**11**	<0.50
AAM-S-18-35	8/27/2004	<5.0	<1.0	<5.0	**6.8**	**25**	<0.50
AAM-S-18-40	8/27/2004	<5.0	<1.0	<5.0	<5.0	**10**	<0.50
AAM-S-18-45	8/27/2004	<5.0	<1.0	**13**	**8.2**	**95**	**0.69**
AAM-S-19-005	8/27/2004	<5.0	<1.0	**7.3**	**10**	**33**	<0.50
AAM-S-19-010	8/27/2004	<5.0	<1.0	**7.0**	**8.2**	**29**	<0.50
AAM-S-19-015	8/27/2004	<5.0	<1.0	<5.0	**6.0**	**23**	**0.69**
AAM-S-19-020	8/27/2004	<5.0	<1.0	<5.0	<5.0	**16**	<0.50
AAM-S-19-025	8/27/2004	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-19-030	8/27/2004	<5.0	<1.0	**6.4**	<5.0	**23**	<0.50
AAM-S-19-035	8/27/2004	<5.0	<1.0	<5.0	<5.0	**14**	<0.50
AAM-S-19-040	8/27/2004	<5.0	<1.0	**6.6**	<5.0	**12**	<0.50
AAM-S-19-040	8/27/2004	<5.0	<1.0	**6.2**	<5.0	**44**	<0.50
GPL[a]		**290**	**29**	**590**	**290**	**No GPL**	**No GPL**
NR-SRL[b]		**10**	**510**	**1000000**	**800**	**310000**	**65**

Bold = Analyte detected at or above the method reporting limit.
NA=Not Analyzed
"<" = Indicates analyte not detected above the reporting limit
GPL = Groundwater Protection Level (mg/kg)
NR-SRL = Non-residential Soil Remediation Level (mg/kg)
a = ADEQ, 1996
b = ADEQ, 2009

TABLE 15
INDIVIDUAL TABLES OF SELECTED VOCS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

TCE																											
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180 - 230**	**269 - 289 309 - 329 339 - 349**	**180 - 229**	**297 - 347**	**180 - 210 220 - 240**	**275 - 285 295 - 315 335 - 355**
May-Jun 99	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**
July-Sep 99	<0.4	**60.0**	**1.6**	<0.5	<0.4	**1.8**	**1.9**	**25.0**	**6.3**	**2.7**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	<0.4	**65.0**	**1.0**	<0.4	<0.4	**1.1**	**1.6**	**22.0**	**5.9**	**0.69**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	**93.0**	**1.9**	<0.4	<0.4	**1.1**	**0.8**	**20.0**	**7.2**	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	**95**	**1.7**	<0.4	<0.4	**0.99**	**1.0**	**22**	**7.2**	<0.4																		
Apr-May 00	<0.4	**120.0**	**1.0**	---	<0.4	**1.1**	**0.95**	**16.0**	**9.9**	**2.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	<0.4	**82.0**	**1.2**	---	<0.4	**1.0**	**1.0**	**11.0**	**14.0**	**1.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.4	**130.0**	**2.6**	---	<0.4	**1.0**	**0.9**	**36.0**	**20.0**	**0.71**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-Jul 01	<0.4	**180.0**	**2.8**	<0.4	<0.4	**1.6**	**1.2**	**36.0**	**25.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	<0.40	**170.0**	**0.8**	<0.40	<0.40	**2.1**	**1.5**	**42.0**	**38.0**	**0.57**	**5.5**	**6.3**	**38**	**140**	**390**	**5.7**	**10**	**15**	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.40	**88.0**	**0.7**	<0.40	<0.40	**2.9**	**2.1**	**59.0**	**52.0**	---	**5.2**	**4.9**	**49**	**72**	**140**	**4**	**2.9**	**2.8**	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	**55.0**	**1.3**	---	<0.50	**2.6**	**2.1**	**49.0**	**48.0**	---	**4.7**	**5.4**	**57**	**110**	**72**	**22**	**12**	**25**	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**38.0**	**1.6**	---	<0.50	**2.3**	**2.2**	**55.0**	**51.0**	<0.50	**3.8**	**6.1**	**60**	**140**	**150**	**17**	**18**	**28**	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**40.0**	**1.0**	---	<0.50	**2.6**	**2.2**	**44.0**	**57.0**	<0.50	**6**	**6.9**	**69**	**120**	**180**	**11**	**18**	**11**	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.50	**48.0**	**1.0**	---	<0.50	**2.6**	**2.3**	**58.0**	**79.0**	**0.66**	**4.9**	**6.8**	93/97	**64**	**78**	**29**	**32**	**20**	---	---	---	---	---	---	---	---	---	---
Jan-03	< 0.5	**50**	**1.4**	---	< 0.5	**1.9**	**2.0**	**32**	**68**	< 0.5	**7.1**	**3.8**	**88**	**71**	**120**	**26**	**14**	**36**	---	---	---	---	---	---	---	---	---	---
May-03	< 0.5	**36**	**0.54**	< 0.5	< 0.5	**2.0**	**2.2**	**26**	**48**	**1.1**	**15**	**4.2**	**77**	**37**	**23**	**24**	**22**	**21**	---	**2.5**	**56**	---	---	---	---	---	---	---	---
Dec-03	< 0.5	**37**	**0.75**	---	---	**1.8**	**1.4**	**7.1**	---	**1.3**	**23**	**0.94**	**58**	---	**53**	**23**	**23**	**36**	---	**5.7**	**47**	---	---	---	---	---	---	---	---
Mar-04	<0.5	**34**	**0.63**	---	**0.63**	**2.1**	**1.2**	**8.7**	**39**	**1.5**	**36**	**1.4**	**58**	**65**	**26**	**13**	**20**	**33**	---	**6.9**	**42**	---	---	---	---	---	---	---	---
May-04	<0.5	**39**	<0.5	<0.5	**0.58**	**2.1**	**1.4**	**12**	**33**	**1.3**	**38**	**1.9**	**62**	---	**30**	**23**	**25**	**22**	<0.5	**12**	**36**	---	---	---	---	---	---	---	---
Dec-04	<0.5	**45**	<0.5	<0.5	**0.8**	**2.2**	**1.3**	**7.1**	**31**	**1.4**	**72**	**2.5**	**40**	---	**37**	**23**	**31**	**26**	<0.5	**18**	**26**	**1.9**	---	---	---	---	---	---	---
Apr-05	<0.5	**37**	<0.5	**1.1**	**0.8**	**2.7**	**1.3**	**11**	**29**	**0.8**	**60**	**3.1**	**33**	---	**51**	**16**	**27**	**16**	<0.5	**13**	**19**	**1.9**	---	---	---	---	---	---	---
Oct-05	**0.8**	**62**	<0.5	<0.5	<0.5	**2.4**	**1.4**	**6.5**	**32**	<0.5	**40**	**3.1**	---	---	**46**	**19**	**25**	**25**	**1.4**	**14**	**14**	**2.0**		---	---	---	---	---	---
Apr-06	**0.6**	**28**	<0.5	<0.5	**0.5**	**2.9**	**1.2**	**15**	**26**	**1.3**	**72**	**4.1**	**27**	---	**57**	**22**	**21**	**27**	<0.5	**26**	**8.6**	**1.7**	---	---	---	---	---	---	---
Oct-06	**0.7**	**20**	**0.5**	<0.5	**0.5**	**2.9**	**1.2**	---	**23**	**1.9**	**75**	**3.1**	**18**	---	**32**	**19**	**19**	**22**	<0.5	**25**	**5.4**	**1.5**	---	---	---	---	---	---	---
Apr-07	**1.2**	**21.6**	<0.5	**0.5**	<0.5	**4.5**	**1.3**	---	**24.6**	**0.6**	**72.3**	**5.7**	**18.8**	---	**48.5**	**19.6**	**25.8**	**21.3**	<0.5	**33.8**	**3.9**	---	---	---	---	---	---	---	---
Oct-07	**1.7**	**30.7**	<0.5	**0.81**	**0.5**	**3.7**	**1.0**	**13.9**	**23.7**	**0.59**	**66.3**	---	**20**	---	**58**	**12**	**36**	**18**	<0.5	**39.2**	**3.3**	---	---	---	---	---	---	---	---
Apr-08	**1.7**	**23**	<0.5	**0.9**	<0.5	**3.9**	**1.3**	**16.7**	**27.4**	<0.5	**71.3**	---	**21.2**	---	**43**	**15**	**27**	**22**	<0.5	**35.2**	**2.6**	---	---	---	---	---	---	---	---
Nov-08	**1.6**	**11**	**0.52**	**1.3**	**0.68**	**5.3**	**1.3**	**27**	**41**	<0.5	**76**	---	**13**	---	**25**	**9.7**	**33**	**18**	<0.5	**40**	**2.3**	**2.4**	---	---	---	---	---	---	---
Oct-10	**1.75**	---	<0.5	**3.26**	**2.91**	**5.5**	**1.39**	**14**	---	<0.5	**187**	---	**4.36**	---	**108**	**88.9**	**116**	**85.5**	<0.5	**23.4**	**1.44**	**1.51**	---	---	---	---	---	---	---
Dec-11	**1.53**	**8.73**	---	**3.17**	**4.49**	**3.67**	**1.18**	**13.5**	**18.5**	<0.5	**97.6**	**1.61**	**2.58**	---	---	---	---	---	<0.5	**17.3**	**0.74**	**0.55**	<0.5	<0.5	---	<0.5	**8.32**	<0.5

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
TCE = Trichloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the method detection limit, some results may be <0.50 or <0.500, but results have been truncated for consistency and readabililty

TABLE 15 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

PCE																											
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180-230**	**269-289 309-329 339-349**	**180-229**	**297-347**	**180-210 220-240**	**275-285 295-315 335-355**
AWQS	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**	**5.0**
May-Jun 99	**0.7**	<2.0	<0.5	<0.5	**1.1**	**0.61**	**0.8**	**0.97**	**1.9**	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	<0.4	<2.0	<0.4	<0.4	**1.1**	<0.4	<0.4	**0.85**	**1.7**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	<0.4	<0.4	0.46	<0.4	**1.1**	<0.4	<0.4	**0.70**	**1.6**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	<0.4	<0.4	<0.4	**1.6**	<0.4	<0.4	**0.72**	**1.4**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	**1.3**	<0.40	---	**2.7**	<0.4	<0.4	**0.75**	**1.4**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	<0.4	**1.0**	<0.40	---	**2.6**	<0.4	<0.4	**0.62**	**1.3**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.4	**1.0**	**0.59**	---	**3.2**	<0.4	<0.4	**0.70**	**1.6**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	<0.4	**1.0**	**0.59**	<0.4	**3.6**	<0.4/0.40	<0.4	**0.67**	1.6/1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-Jul 01	**0.84**	**1.1**	<0.40	<0.40	**3.6**	**0.50**	<0.40	**0.73**	**1.6**	<0.40	**1.2**	**6.8**	<0.40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.40	**1.1**	**1.0**	<0.40	**3.6**	**2.9**	**0.7**	**0.83**	**1.7**	---	**0.95**	**60**	<0.40	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	**1.0**	<0.50	---	**2.6**	**0.69**	**0.6**	**0.97**	**1.7**	---	**0.82**	**5.5**	<0.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	**0.95**	<0.50	---	**2.6**	**0.62**	**0.69**	**0.99**	**1.7**	<0.50	**0.78**	**4.6**	<0.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**0.88**	<0.50	---	**2.5**	**0.80**	**0.67**	**0.96**	**1.6**	<0.50	**0.58**	**4.4**	<0.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**0.83**	<0.50	---	**1.6**	**0.88**	**0.74**	**1.0**	**1.5**	<0.50	**0.58**	**4.9**	<0.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	**0.52**	**0.83**	< 0.5	---	**1.1**	**0.69**	**0.64**	**0.89**	**1.4**	< 0.5	**0.58**	**4.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	---	---	---	---	---	---	---	---	---
May-03	**0.70**	**0.95**	< 0.5	< 0.5	**1.9**	**0.79**	**0.77**	**0.94**	**1.6**	< 0.5	**0.69**	**4.2**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	**0.57**	< 0.5	---	---	---	---	---	---	---
Dec-03	**1.5**	**0.95**	< 0.5	---	---	**0.70**	**0.57**	**0.90**	---	< 0.5	**0.65**	**2.7**	< 0.5	---	< 0.5	< 0.5	< 0.5	< 0.5	---	**0.60**	< 0.5	---	---	---	---	---	---	---
Mar-04	**1.8**	**0.99**	<0.5	---	**12**	**0.85**	**0.50**	**1.0**	**1.3**	<0.5	**0.74**	**1.8**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	**0.64**	<0.5	---	---	---	---	---	---	---
May-04	**1.9**	**1.1**	<0.5	<0.5	**12**	**0.87**	**0.59**	**1.3**	**1.2**	<0.5	**0.69**	**1.8**	<0.5	---	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	**0.72**	<0.5	---	---	---	---	---	---	---
Dec-04	**9.1**	**1.0**	<0.5	<0.5	**16**	**1.2**	<0.5	**1.3**	**1.3**	**0.6**	**0.7**	**1.4**	<0.5	---	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	**0.7**	<0.5	**0.5**	---	---	---	---	---	---
Apr-05	**10**	**1.2**	**0.6**	<0.5	**18**	**1.4**	**0.6**	**1.5**	**1.4**	<0.5	**0.8**	**1.2**	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	<0.5	**0.6**	---	---	---	---	---	---
Oct-05	**19**	**1.0**	**0.5**	<0.5	**9.2**	**1.3**	**0.7**	**1.2**	**1.2**	<0.50	**0.7**	**1.3**	---	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.7**	<0.5	**0.6**	---	---	---	---	---	---
Apr-06	**16**	**0.7**	**0.6**	<0.5	**12**	**1.2**	**0.8**	**1.4**	**1.5**	**0.6**	**0.8**	**1.0**	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	<0.5	**0.6**	---	---	---	---	---	---
Oct-06	**15**	<0.5	**0.5**	<0.5	**11**	**0.9**	<0.5	---	**1.2**	**0.8**	**0.8**	**0.8**	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.8**	<0.5	<0.5	---	---	---	---	---	---
Apr-07	**27**	<0.5	**0.5**	<0.5	**11.5**	**1.1**	**1.0**	---	**1.3**	<0.5	**0.9**	**1.0**	<0.5	---	<0.5	<0.5	<0.5	<0.5	**0.6**	**0.9**	<0.5	---	---	---	---	---	---	---
Oct-07	**35.9**	<0.5	**0.6**	<0.5	**10**	**1.0**	**0.8**	**1.0**	**1.2**	<0.5	**1.0**	---	<0.5	---	<0.5	<0.5	<0.5	<0.5	**0.78**	**0.9**	<0.5	---	---	---	---	---	---	---
Apr-08	**24.2**	<0.5	**0.65**	**0.6**	**8.4**	**0.9**	**1.0**	**0.9**	**1.1**	<0.5	**1.0**	---	<0.5	---	<0.5	<0.5	<0.5	<0.5	**0.9**	**1**	<0.5	---	---	---	---	---	---	---
Nov-08	**36**	<0.5	**0.69**	<0.5	**13**	**0.86**	**1.1**	**0.82**	**1.0**	<0.5	**0.75**	---	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.77**	<0.5	**0.81**	---	---	---	---	---	---
Oct-10	**33.5**	---	**0.56**	**1.29**	**5.77**	**1.22**	**1.47**	**0.82**	---	**0.79**	<0.5	---	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	**0.86**	<0.5	**0.67**	---	---	---	---	---	---
Dec-11	**35.5**	**0.65**	---	**1.06**	**2.35**	**0.86**	**1.06**	<0.5	**0.63**	**0.69**	<0.5	**1.13**	<0.5	---	---	---	---	---	<0.5	**0.52**	<0.5	<0.5	**0.56**	<0.5	---	<0.5	<0.5	<0.5

µg/L = micrograms per liter

'---' = no sample collected

AWQS = Aquifer Water Quality Standard

TOC = Top of Casing

PCE = Tetrachloroethylene

BOLD = Indicates analyte detected above the method detection limit

Shaded Cell = Indicates analyte detected above the associated AWQS

<0.5 = Indicates analyte not detected above the method detection limit, some results may be <0.50 or <0.500, but results have been truncated for consistency and readabililty

TABLE 15 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

1,1-DCE																											
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180-230**	**269-289 309-329 339-349**	**180-229**	**297-347**	**180-210 220-240**	**275-285 295-315 335-355**
AWQS	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**	**7.0**
May-Jun 99	<0.4	<2.0	**1.1**	<0.5	<0.4	**1.2**	**1.5**	**1.8**	**1.8**	**1.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	<0.4	<2.0	**1.1**	<0.4	<0.4	**0.78**	<0.4	**1.5**	**1.6**	**2.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	<0.4	<4.0	**2.9**	<0.4	<0.4	**0.89**	<0.4	**1.2**	**1.7**	**2.8**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	<2.0	**2.8**	<0.4	<0.4	**0.81**	<0.4	**1.8**	**1.8**	**2.9**																		
Jan-Mar 00	<0.4	**1.8**	**1.3**	---	<0.4	**1.1**	**0.85**	**2.3**	**1.7**	**3.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	<0.4	**1.6**	**1.5**	---	<0.4	**0.94**	**0.5**	**1.9**	**1.2**	**3.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.4	**1.4**	**3.8**	---	<0.4	<0.4	0.43	**1.7**	**1.9**	**2.8**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	<0.4	**1.3**	**5.0**	<0.4	<0.4	**0.89**	**0.62**	**1.6**	**1.9**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-Jul 01	<0.40	**1.6**	**1.4**	<0.40	<0.40	**1.3**	**0.84**	**1.6**	**1.9**	**2.8**	**2.3**	**0.60**	**1.7**	**1.2**	**1.1**	**1.4**	**0.96**	<0.40	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.40	**2.1**	**1.8**	**1.3**	<0.40	<0.40	**1.6**	**1.1**	**2.3**	---	**2.8**	**0.73**	**1.6**	**0.97**	**0.87**	**0.75**	<0.40	<0.40	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	**1.7**	**4.1**	---	<0.50	**1.4**	**1.2**	**1.9**	**2.1**	---	**2.3**	**0.67**	**1.6**	**1.4**	**0.61**	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	**1.8**	**4.6**	---	<0.50	**1.0**	**1.1**	**1.8**	**2.0**	<0.50	**2.3**	**0.67**	**2.0**	**1.4**	**1.2**	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**1.8**	**2.6**	---	<0.50	**1.4**	**1.1**	**1.7**	**1.9**	**0.75**	**2.5**	**0.72**	1.9/1.8	**0.93**	**1.2**	**1.2**	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**1.2**	2.0/2.6	---	<0.50	**1.5**	**1.2**	**1.7**	**1.7**	**0.53**	**2.4**	**0.83**	**1.7**	**1.2**	**0.51**	**0.51**	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
Jan-03	< 0.5	**1.4**	**5.5**	---	< 0.5	**1.4**	**1.1**	**1.7**	**2**	**0.52**	**2.4**	**0.59**	**1.9**	**0.99**	**1.1**	< 0.5	< 0.5	< 0.5	---	---	---	---	---	---	---	---	---	---
May-03	< 0.5	**1.4**	**0.92**	< 0.5	< 0.5	**1.5**	**1.3**	**1.7**	**2.2**	**4.4**	**2.6**	**0.76**	**2.1**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	---	**6.2**	**4.0**	---	---	---	---	---	---	---
Dec-03	< 0.5	**1.1**	**4.2**	---	---	**1.3**	**1.1**	**1.5**	---	**3.8**	**2.1**	**0.53**	**1.6**	---	**0.67**	< 0.5	< 0.5	< 0.5	---	**5.2**	**3.0**	---	---	---	---	---	---	---
Mar-04	<0.5	**1.3**	**1.7**	---	<0.5	**1.5**	**1.2**	**1.6**	**2.0**	**4.3**	**2.4**	**0.94**	**2.0**	<0.5	**0.79**	<0.5	<0.5	< 0.5	---	**6.2**	**3.0**	---	---	---	---	---	---	---
May-04	<0.5	**1.6**	<0.5	<0.5	<0.5	**1.4**	**1.2**	**1.6**	**1.9**	**3.5**	**2.6**	**1.1**	**1.8**	---	<0.5	<0.5	<0.5	< 0.5	**0.53**	**5.6**	**2.6**	---	---	---	---	---	---	---
Dec-04	<0.5	**3.6**	**2.1**	<0.5	<0.5	**1.7**	**1.0**	**2.1**	**1.9**	**3.6**	**2.5**	**1.4**	**2.3**	---	**0.8**	<0.5	<0.5	< 0.5	**0.5**	**5.8**	**2.6**	**2.1**	---	---	---	---	---	---
Apr-05	<0.5	**3.5**	**2.1**	<0.5	<0.5	**2.2**	**1.0**	**2.4**	**1.9**	**2.7**	**2.2**	**1.3**	**2.6**	---	**1.7**	<0.5	<0.5	<0.5	<0.5	**7.2**	**2.6**	**3.5**	---	---	---	---	---	---
Oct-05	<0.5	**2.4**	**1.8**	<0.5	<0.5	**2.2**	**1.1**	**2.6**	**1.8**	**2.4**	**1.9**	**1.1**	**---**	---	**0.9**	**0.5**	**0.7**	<0.5	<0.5	**5.8**	**2.5**	**4.4**	---	---	---	---	---	---
Apr-06	<0.5	**4.6**	**1.1**	**0.7**	<0.5	**2.1**	**0.8**	**3.7**	**1.8**	**3.4**	**1.8**	**1.1**	**2.2**	---	**1.7**	**2.0**	<0.5	<0.5	<0.5	**5.1**	**2.0**	**4.6**	---	---	---	---	---	---
Oct-06	<0.5	**3.8**	**0.9**	**0.7**	<0.5	**2.0**	<0.5	---	**2.1**	**3.8**	**1.5**	**0.8**	**2.0**	---	**1.3**	**1.6**	<0.5	<0.5	<0.5	**4.9**	**1.9**	**3.2**	---	---	---	---	---	---
Apr-07	<0.5	**3.7**	**0.8**	**0.9**	<0.5	**2.5**	**0.7**	---	**2.7**	**1.2**	**2.2**	**1.2**	**2.1**	---	**1.8**	**2.2**	**2.5**	**0.6**	<0.5	**4.9**	**1.7**	---	---	---	---	---	---	---
Oct-07	<0.5	**3.5**	<0.5	**1.3**	<0.5	**1.8**	<0.5	**4.5**	**3.1**	**1.2**	**1.6**	---	**2.4**	---	**1.3**	**4.3**	**2.5**	**0.58**	<0.5	**5.2**	**1.9**	---	---	---	---	---	---	---
Apr-08	<0.5	**2.7**	**0.95**	**1.6**	<0.5	**2.8**	**0.65**	**4.8**	**3.6**	**0.9**	**3**	---	**2.8**	---	**0.77**	**3.1**	**1.3**	**0.69**	<0.5	**6**	**2.2**	---	---	---	---	---	---	---
Nov-08	<0.5	**1.8**	**0.8**	**2.3**	<0.5	**2.4**	**0.5**	**3.4**	**3.8**	**0.5**	**3.2**	---	**2.2**	---	**0.52**	**2.5**	**1.6**	**0.5**	<0.5	**4.5**	**1.9**	**3.6**	---	---	---	---	---	---
Oct-10	<0.5	---	**0.72**	**4.47**	**1.55**	**3.05**	**0.68**	**3.6**	---	**1.29**	**2.42**	---	**2.64**	---	**0.63**	**1.26**	**1.25**	**0.74**	<0.5	**4.64**	**1.19**	**3.77**	---	---	---	---	---	---
Dec-11	<0.5	**1.74**	---	**3.73**	**2.3**	**2.79**	**1.0**	**2.01**	**2.66**	**0.8**	**1.48**	**1.08**	**2.65**	---	---	---	---	---	**0.59**	**3.3**	**0.65**	**1.8**	<0.5	<0.5	---	<0.5	**3.31**	**0.68**

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
DCE = Dichloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the method detection limit, some results may be <0.50 or <0.500, but results have been truncated for consistency and readabililty

TABLE 15 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

cis 1,2-DCE																												
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180-230**	**269-289 309-329 339-349**	**180-229**	**297-347**	**180-210 220-240**	**275-285 295-315 335-355**
AWQS	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**	**70.0**
May-Jun 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sep 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	<2.0	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.4	**2.5**	<0.4	---	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	<0.4	**2.5**	<0.4	---	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.4	**3.0**	<0.4	---	<0.4	<0.4	<0.4	**0.5**	<0.4	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	<0.4	**3.8**	<0.4	<0.4	<0.4	<0.4	<0.4	**0.76**	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-Jul 01	<0.40	**4.0**	<0.4	<0.4	<0.4	<0.4	<0.4	**0.64**	0.49	<0.40	<0.40	<0.40	**0.78**	**5.7**	**10**	<0.40	**0.75**	**1.8**	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.40	**2.0**	**1.9**	<0.40	<0.40	<0.40	<0.40	**0.92**	**0.71**	---	<0.40	<0.40	**0.95**	**3.2**	**6.2**	<0.40	<0.40	**0.61**	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	**1.2**	<0.50	---	<0.50	<0.50	<0.50	**1.1**	**0.71**	---	<0.50	<0.50	**1.0**	**3.7**	**3.3**	**1.1**	**0.80**	**1.4**	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	**0.9**	<0.50	---	<0.50	<0.50	<0.50	**0.96**	**0.84**	<0.50	<0.50	<0.50	**1.3**	**5.0**	**3.8**	**0.60**	**0.65**	**1.1**	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**0.85**	<0.50	---	<0.50	<0.50	<0.50	**0.80**	**0.94**	<0.50	<0.50	<0.50	**1.3**	**3.9**	**5.1**	<0.50	**0.55**	<0.50	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	**0.95**	<0.50	---	<0.50	<0.50	<0.50	**0.90**	**1.1**	<0.50	<0.50	<0.50	**1.5**	**2.6**	**4.2**	**0.66**	**0.87**	**0.60**	---	---	---	---	---	---	---	---	---	---
Jan-03	< 0.5	**1.0**	< 0.5	---	< 0.5	< 0.5	< 0.5	**0.53**	**1.1**	< 0.5	< 0.5	< 0.5	**1.6**	**3.5**	**5.2**	**0.65**	< 0.5	**1.7**	---	---	---	---	---	---	---	---	---	---
May-03	< 0.5	**0.91**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**1.1**	< 0.5	< 0.5	< 0.5	**1.8**	**1.7**	**0.77**	**0.6**	**0.6**	**0.8**	---	< 0.5	**1.4**	---	---	---	---	---	---	---
Dec-03	< 0.5	**0.71**	< 0.50	---	---	< 0.5	< 0.5	< 0.5	---	< 0.5	< 0.5	< 0.5	**1.4**	---	**2.4**	**0.99**	**1.1**	**2.3**	---	< 0.5	**1.0**	---	---	---	---	---	---	---
Mar-04	<0.5	**0.66**	<0.5	---	<0.5	<0.5	<0.5	<0.5	**0.66**	<0.5	<0.5	<0.5	**1.6**	**2.5**	**2.0**	<0.5	**0.69**	**1.8**	---	<0.5	**1.2**	---	---	---	---	---	---	---
May-04	<0.5	**0.81**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.57**	<0.5	<0.5	<0.5	**1.5**	---	**0.68**	**0.68**	**1.5**	**1.0**	<0.5	<0.5	**0.95**	---	---	---	---	---	---	---
Dec-04	**0.5**	**0.8**	<0.5	<0.5	**0.7**	<0.5	<0.5	<0.5	**0.6**	<0.5	**1.1**	<0.5	**1.0**	---	**1.5**	**0.9**	**2.3**	**1.5**	<0.5	<0.5	**0.8**	<0.5	---	---	---	---	---	---
Apr-05	**0.5**	**0.7**	<0.5	<0.5	**0.8**	<0.5	<0.5	<0.5	<0.5	<0.5	**0.9**	<0.5	**0.8**	---	**2.6**	**0.5**	**1.8**	**0.8**	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
Oct-05	**1.1**	**1.4**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.5**	<0.5	**0.7**	<0.5	---	---	**2.6**	**0.6**	**1.1**	**1.1**	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
Apr-06	**1.0**	**0.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.6**	<0.5	**1.3**	<0.5	**0.6**	---	**1.7**	**0.6**	**0.6**	**1.2**	<0.5	**0.5**	<0.5	<0.5	---	---	---	---	---	---
Oct-06	**0.8**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5	<0.5	**1.2**	<0.5	<0.5	---	**1.2**	**0.6**	**0.6**	**1.1**	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
Apr-07	**1.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5	<0.5	**1.3**	<0.5	<0.5	---	**1.7**	<0.5	**0.9**	**0.9**	<0.5	**0.7**	<0.5	---	---	---	---	---	---	---
Oct-07	**2.1**	**0.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	---	<0.5	---	**2.0**	<0.5	**2.1**	**0.84**	<0.5	**0.7**	<0.5	---	---	---	---	---	---	---
Apr-08	**2.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.3**	---	<0.5	---	**1.1**	<0.5	**1.1**	**0.89**	<0.5	**0.6**	<0.5	---	---	---	---	---	---	---
Nov-08	**1.9**	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5	**0.69**	<0.5	**1.2**	---	<0.5	---	**0.74**	<0.5	**1.4**	**1.0**	<0.5	**0.77**	<0.5	<0.5	---	---	---	---	---	---
Oct-10	**2.41**	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5	**4.06**	---	<0.5	---	**1.82**	**2.53**	**4.11**	**3.3**	<0.5	**0.56**	<0.5	<0.5	---	---	---	---	---	---
Dec-11	**1.7**	<0.5	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.94**	<0.5	<0.5	---	---	---	---	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	---	<0.5	<0.5	<0.5

µg/L = micrograms per liter

'---' = no sample collected

AWQS = Aquifer Water Quality Standard

TOC = Top of Casing

DCE = Dichloroethylene

BOLD = Indicates analyte detected above the method detection limit

Shaded Cell = Indicates analyte detected above the associated AWQS

<0.5 = Indicates analyte not detected above the method detection limit, some results may be <0.50 or <0.500, but results have been truncated for consistency and readabililty

TABLE 16
INDIVIDUAL TABLES OF SELECTED METALS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in miligrams per liter [mg/L])

ARSENIC																											
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180-230**	**269-289 309-329 339-349**	**180-229**	**297-347**	**180-210 220-240**	**275-285 295-315 335-355**
AWQS*	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
May-Jun 99	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 99	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05																		
Apr-May 00	<0.050	<0.050	<0.050	---	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	<0.050	<0.050	<0.050	---	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.050	<0.050	<0.050	---	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.063**	<0.050	<0.050	**0.15**	**0.27**	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	---	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**0.17**	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.040	<0.040	<0.040	---	<0.040	<0.040	<0.040	<0.040	<0.040	---	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.040	<0.040	<0.040	---	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---	---	---	---	---
Apr-May-02	**0.022**	<0.040	<0.040	---	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.040	<0.040	<0.040	---	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	<0.040	---	---	---	---	---	---	---	---	---	---
Jan-03	**0.018**	< 0.0050	< 0.0050	---	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	**0.0058**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	---	---	---	---	---	---	---	---	---	---
May-03	**0.018**	< 0.0050	< 0.0050	**0.014**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	---	---	< 0.0050	---	---	---	---	---	---	---
Dec-03	**0.017**	**0.0032**	**0.0036**	---	**---**	**0.0028**	**0.0037**	**0.0033**	---	**0.0022**	**0.0034**	**0.0031**	**0.0030**	---	**0.0034**	**0.0024**	**0.0021**	**0.0034**	---	**0.0026**	**0.0024**	---	---	---	---	---	---	---
Mar-04	**0.029**	**0.020**	**0.015**	---	**0.018**	< 0.010	**0.017**	< 0.010	< 0.010	< 0.010	**0.0033**	**0.038**	< 0.010	**0.045**	**0.034**	**0.024**	**0.025**	**0.032**	---	< 0.010	< 0.010	---	---	---	---	---	---	---
May-04	**0.015**	**0.0027**	**0.0027**	**0.0090**	**0.0020**	**0.0024**	**0.0029**	**0.0032**	**0.0022**	**0.0018**	**0.0023**	**0.0030**	**0.0023**	---	**0.0033**	**0.0024**	**0.0025**	**0.0026**	**0.0030**	**0.0025**	**0.0023**	---	---	---	---	---	---	---
Dec-04	**0.014**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Apr-05	**0.012**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Oct-05	**0.018**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Apr-06	**0.015**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Oct-06	**0.014**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Apr-07	**0.013**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---	---
Oct-07	**0.018**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---	---
Apr-08	**0.017**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---	---
Nov-08	**0.012**	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Oct-10	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	---	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	---
Dec-11	<0.010	<0.010	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	---	---	---	---	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	---	<0.010	<0.010	<0.010

mg/L = milligrams per liter

'---' = no sample collected

AWQS = Aquifer Water Quality Standard

TOC = Top of Casing

BOLD = Indicates analyte detected above the method detection limit

Shaded Cell = Indicates analyte detected above the associated AWQS

<0.50 = Indicates analyte not detected above the method detection limit

* = Maximum Contaminant Level (MCL) for Arsenic is 0.01 mg/L

TABLE 16 (continued)
INDIVIDUAL TABLES OF SELECTED METALS IN THE REGIONAL AQUIFER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in miligrams per liter [mg/L])

CHROMIUM																												
Well ID	**IRA-1**	**IRA-2**	**IRA-3**	**IRA-4**	**IRA-5**	**IRA-6**	**IRA-7**	**IRA-8**	**IRA-9**	**IRA-10-230**	**IRA-11-210**	**IRA-12-210**	**IRA-13-210**	**IRA-14-1**	**IRA-14-2**	**IRA-14-3**	**IRA-14-4**	**IRA-14-5**	**IRA-24**	**IRA-25**	**IRA-26**	**IRA-31**	**IRA-32**	**IRA-33**	**IRA-34**	**IRA-35**	**IRA-36**	**IRA-37**
Screened Interval (feet below TOC)	**130 - 210**	**150 - 230**	**150 - 240**	**130 - 220**	**130 - 210**	**138 - 203**	**138 - 203**	**140 - 200**	**145 - 225**	**145 - 225**	**150 - 210**	**140 - 210**	**150 - 210**	**160 – 170**	**190 - 200**	**230 – 240**	**260 - 270**	**290 - 300**	**168 - 218**	**170 – 240**	**170 - 240**	**159 - 209**	**180 - 230**	**269 - 289 309 - 329 339 - 349**	**180 - 229**	**297 - 347**	**180 - 210 220 - 240**	**275 - 285 295 - 315 335 - 355**
AWQS	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**
May-Jun 99	<0.01	**0.91**	<0.01	**0.01**	<0.01	<0.01	<0.01	**0.03**	**0.04**	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.01	**1.0**	<0.01	<0.01	<0.01	<0.01	<0.01	**0.03**	**0.05**	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 99	<0.01	**1.0**	<0.01	<0.01	<0.01	<0.01	<0.01	**0.028**	**0.044**	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	<0.01	**0.94**	**0.017**	<0.01	<0.01	<0.01	**0.016**	**0.029**	**0.054**	<0.01																		
Apr-May 00	<0.010	**1.2**	<0.010	---	<0.010	**0.058**	**0.017**	**0.029**	**0.059**	<0.010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	**0.015**	**1.3**	<0.010	---	<0.010	<0.010	**0.027**	**0.038**	**0.14**	<0.010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	<0.010	**1.6**	**0.013**	---	<0.010	<0.010	**0.015**	**0.039**	**0.24**	<0.010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	<0.010	**1.4**	**0.015**	<0.010	<0.010	**0.016**	**0.015**	**0.042**	**0.33**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	<0.010	**1.2**	**0.012**	<0.010	<0.010	**0.019**	**0.018**	**0.055**	**0.51**	**0.15**	**0.021**	<0.010	**0.019**	**1.6**	**2.4**	<0.010	<0.010	**0.059**	---	---	---	---	---	---	---	---	---	---
Sep-01	<0.010	**0.71**	<0.010	**0.010**	<0.010	**0.01**	**0.014**	**0.052**	**0.73**	---	<0.010	<0.010	**0.028**	**0.31**	**1.8**	<0.010	<0.010	<0.010	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.010	**0.44**	**0.011**	---	<0.010	**0.01**	**0.026**	**0.077**	**0.72**	---	<0.010	<0.010	<0.046	**0.51**	**0.57**	<0.010	<0.010	**0.017**	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.010	**0.27**	**0.014**	---	<0.010	**0.012**	**0.050**	**0.074**	**0.76**	**0.087**	<0.010	<0.010	**0.045**	**0.62**	**0.95**	<0.010	<0.010	<0.010	---	---	---	---	---	---	---	---	---	---
Apr-May-02	<0.010	**0.26**	<0.010	---	<0.010	**0.012**	**0.035**	**0.063**	**0.88**	**0.45**	**0.11**	<0.010	**0.046**	**0.10**	**1.0**	<0.010	**0.017**	<0.010	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.010	**0.26**	**0.02**	---	<0.010	**0.012**	**0.043**	**0.054**	**1.0**	**0.19**	<0.010	<0.010	**0.055**	**0.47**	**1.1**	**0.012**	**0.010**	<0.010	---	---	---	---	---	---	---	---	---	---
Jan-03^{T}	< 0.010	**0.22**	**0.015**	---	< 0.010	**0.017**	**0.13**	**0.056**	**0.93**	**0.20**	< 0.010	< 0.010	**0.055**	**0.61**	**0.80**	< 0.010	< 0.010	< 0.010	---	---	---	---	---	---	---	---	---	---
May-03^{T}	< 0.023	**0.14**	< 0.010	**0.021**	< 0.010	**0.011**	**0.012**	**0.068**	**0.77**	< 0.010	**0.017**	< 0.010	**0.047**	**0.57**	**0.13**	< 0.010	< 0.010	< 0.010	---	---	**0.045**	---	---	---	---	---	---	---
Dec-03^{T}	**0.061**	**0.14**	**0.0068**	---	---	**0.024**	**0.063**	**0.038**	---	**0.015**	**0.062**	**0.0026**	**0.030**	---	**0.28**	< 0.0010	**0.0027**	< 0.0010	---	**0.019**	**0.045**	---	---	---	---	---	---	---
Mar-04^{T}	**0.075**	**0.11**	**0.016**	---	< 0.010	**0.019**	**0.041**	**0.051**	**0.43**	**0.041**	**0.12**	**0.012**	**0.027**	**0.051**	**0.30**	**0.016**	**0.015**	**0.018**	---	**0.024**	**0.039**	---	---	---	---	---	---	---
May-04^{T}	**0.069**	**0.083**	**0.0054**	**0.032**	< 0.0010	**0.018**	**0.052**	**0.050**	**0.38**	**0.0069**	**0.15**	**0.0075**	**0.021**	---	**0.33**	**0.0078**	**0.001**	< 0.0010	**0.018**	**0.029**	**0.029**	---	---	---	---	---	---	---
Dec-04^{T}	<0.010	**0.10**	<0.010	**0.046**	<0.010	**0.030**	**0.043**	**0.047**	**0.37**	**0.012**	**0.31**	<0.010	**0.039**	---	**0.26**	<0.010	<0.010	<0.010	<0.010	**0.054**	**0.021**	**0.040**	---	---	---	---	---	---
Apr-05^{T}	<0.010	**0.087**	<0.010	**0.083**	<0.010	**0.024**	**0.022**	**0.047**	**0.30**	**0.012**	**0.29**	<0.010	**0.025**	---	**0.24**	**0.012**	<0.010	<0.010	**0.010**	**0.028**	**0.014**	**0.053**	---	---	---	---	---	---
Oct-05^{D}	<0.010	**0.12**	<0.010	<0.010	<0.010	**0.026**	**0.012**	**0.031**	**0.27**	<0.010	**0.29**	<0.010	---	---	**0.31**	**0.020**	<0.010	<0.010	<0.010	**0.050**	**0.012**	**0.020**	---	---	---	---	---	---
Apr-06^{D}	<0.010	**0.049**	<0.010	<0.010	<0.010	**0.026**	**0.015**	**0.13**	**0.22**	<0.010	**0.33**	**0.012**	**0.021**	---	**0.12**	**0.012**	<0.010	<0.010	<0.010	**0.059**	<0.010	**0.018**	---	---	---	---	---	---
Oct-06^{D}	<0.010	**0.038**	<0.010	<0.010	<0.010	**0.024**	<0.010	---	**0.21**	<0.010	**0.27**	**0.011**	**0.023**	---	**0.092**	**0.012**	<0.010	<0.010	<0.010	**0.066**	<0.010	**0.017**	---	---	---	---	---	---
Apr-07^{D}	<0.010	**0.031**	<0.010	<0.010	<0.010	**0.026**	**0.011**	---	**0.18**	<0.010	**0.22**	**0.011**	**0.021**	---	**0.12**	**0.011**	**0.021**	<0.010	<0.010	**0.06**	<0.010	---	---	---	---	---	---	---
Oct-07^{D}	<0.010	**0.039**	<0.010	<0.010	<0.010	**0.025**	<0.010	**0.079**	**0.16**	<0.010	**0.21**	---	**0.019**	---	**0.16**	<0.010	<0.010	<0.010	<0.010	**0.052**	<0.010	---	---	---	---	---	---	---
Apr-08^{D}	<0.010	**0.027**	<0.010	<0.010	<0.010	**0.021**	**0.012**	**0.15**	**0.14**	<0.010	**0.2**	---	**0.02**	---	**0.11**	<0.010	<0.010	<0.010	<0.010	**0.044**	<0.010	---	---	---	---	---	---	---
Nov-08^{D}	<0.010	**0.012**	<0.010	**0.012**	<0.010	**0.026**	**0.01**	**0.23**	**0.18**	<0.010	**0.14**	---	**0.02**	---	**0.068**	<0.010	<0.010	<0.010	<0.010	**0.052**	<0.010	**0.021**	---	---	---	---	---	---
Oct-10^{D}	<0.010	---	<0.010	<0.010	<0.010	**0.028**	**0.011**	**0.569**	---	<0.010	**0.158**	---	<0.010	---	**0.012**	**0.057**	**0.03**	<0.010	<0.010	**0.027**	<0.010	**0.02**	---	---	---	---	---	---
Dec-11^{D}	<0.010	**0.0262**	---	**0.0191**	**0.0151**	**0.0132**	<0.010	**0.487**	**0.0628**	<0.010	**0.086**	**0.0117**	**0.0114**	---	---	---	---	---	<0.010	**0.0179**	<0.010	<0.010	<0.010	<0.010	---	<0.010	**0.0111**	<0.010

mg/L = milligrams per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.50 = Indicates analyte not detected above the method detection limit
D = Dissolved chromium; T = Total chromium; H = Hexavalent Chromium

TABLE 17
INDIVIDUAL TABLES OF SELECTED VOCS IN THE PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

TCE																			
Well ID	**IRA -10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5 - 101.5**	**58 - 68**	**60 - 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
May-June 99	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	**36**	---	**660**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	---	---	---	---	**560**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	<2.5	---	---	**650**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	---	**36**	---	**670**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May-02	<0.50	---	---	---	**420**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.50	<0.50	---	---	**770**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	<0.50	<0.50	---	---	**670**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03	< 0.50	---	---	---	**810**	**1,000**	---	**5,100**	---	**62**	**82**	---	---	---	---	---	---	---	---
Dec-03	< 0.50	< 0.50	**22**	---	**650**	**750**	---	**4,100**	---	**110**	**70**	---	---	---	---	---	---	---	---
Mar-04	< 0.50	< 0.50	**25**	---	**800**	**870**	---	**5,000**	---	**79**	**63**	---	---	---	---	---	---	---	---
May-04	< 0.50	< 0.50	**24**	---	**670**	**240**	---	**5,200**	---	**100**	**94**	---	---	---	---	---	**440**	**200**	---
Dec-04	< 0.50	---	**24**	---	**670**	**350**	---	**5,200**	**130**	**140**	**100**	---	**100**	---	**300**	**230**	---	---	---
Apr-05	< 0.50	---	**20**	---	**550**	**240**	---	**3,500**	**140**	**100**	**69**	---	**140**	---	**280**	**270**	---	**180**	---
Oct-05	< 0.50	---	**23**	---	**470**	**310**	---	**1,800**	**63**	**59**	**49**	---	**120**	**---**	**150**	**110**	---	---	---
Apr-06	< 0.50	< 0.50	**26**	---	**540**	**630**	---	**2,900**	**130**	**110**	**36**	---	**100**	---	**240**	**230**	---	---	---
Oct-06	< 0.50	---	**26**	---	**220**	**1,000**	---	**3,100**	---	**77**	**70**	---	**110**	---	**250**	**140**	---	**120**	---
Apr-07	< 0.50	---	**18.4**	---	**455**	**773**	---	**640**	---	**110**	**61**	---	**99.9**	---	**261**	**260**	---	---	---
Oct-07	< 0.50	---	**17.1**	---	**317**	**765**	---	**1,360**	---	**130**	**81**	---	**91.1**	---	**210**	**220**	---	---	---
Apr-08	< 0.50	---	**20.6**	---	**691**	**1,330**	---	**1,470**	**207**	**92.8**	**43.5**	---	**100**	---	**135**	**168**	---	---	---
Nov-08	< 0.50	---	**20**	---	**170**	**540**	**1,300**	**1,900**	---	**66**	**61**	---	**76**	---	**150**	**140**	---	**89**	---
Oct-10	< 0.50	< 0.50	**17.9**	---	**362**	**453**	---	**1,860**	**55.8**	**93.2**	**62.8**	---	**99**	---	**81.8**	**114**	---	**118**	---
Dec-11	< 0.50	---	**17.2**	---	**446**	**547**	**569**	**2,110**	---	**54.4**	**48.2**	---	**92.1**	---	**132**	**133**	---	**123**	---

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
TCE = Trichloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the laboratory reporting limit

TABLE 17 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

PCE																			
Well ID	**IRA-10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5 - 101.5**	**58 - 68**	**60 - 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**
May-June 99	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	<0.40	---	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	---	---	---	---	<0.40	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	<2.5	---	---	**1.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	---	<0.50	---	**1.1**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.50	---	---	---	**1.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.50	<0.50	---	---	**0.96**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	<0.5	<0.5	---	---	**1.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03	<0.5	---	---	---	**1.2**	<0.5	---	**2.4**	---	< 0.5	< 0.5	---	---	---	---	---	---	---	---
Dec-03	<0.5	<0.5	< 0.5	---	<0.5	<0.5	---	**2.0**	---	< 0.5	< 0.5	---	---	---	---	---	---	---	---
Mar-04	<0.5	<0.5	<0.5	---	**1.2**	<0.5	---	**2.0**	---	<0.5	<0.5	---	---	---	---	---	---	---	---
May-04	<0.5	<0.5	<0.5	---	**1.4**	<0.5	---	**2.2**	---	<0.5	<0.5	---	---	---	---	---	<0.5	<0.5	---
Dec-04	<0.5	---	<0.5	---	**1.2**	<0.5	---	<5.0	<0.5	<0.5	<0.5	---	<0.5	---	**0.7**	<0.5	---	---	---
Apr-05	<0.5	---	<0.5	---	**1.3**	<0.5	---	**1.4**	<0.5	<0.5	<0.5	---	<0.5	---	**0.8**	**0.7**	---	<0.5	---
Oct-05	<0.5	---	<0.5	---	<0.5	<0.5	---	**1.4**	<0.5	<0.5	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Apr-06	<0.5	<0.5	<0.50	---	**1.1**	<0.50	---	**1.5**	<0.5	<0.5	<0.5	---	<0.5	---	**0.6**	<0.5	---	---	---
Oct-06	<0.5	---	<0.5	---	<0.5	<0.5	---	**1.5**	---	<0.5	<0.5	---	<0.5	---	**0.6**	<0.5	---	<0.5	---
Apr-07	<0.5	---	<0.5	**---**	**0.9**	<0.5	**---**	<0.5	---	<0.5	<0.5	**---**	<0.5	**---**	**0.6**	**0.6**	---	---	---
Oct-07	<0.5	---	<0.5	---	<0.5	<0.5	---	**0.7**	---	<0.5	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Apr-08	<0.5	---	<0.5	---	**1.2**	<0.5	---	**0.9**	<0.5	<0.5	<0.5	---	**0.7**	---	<0.5	0.5	---	---	---
Nov-08	<0.5	---	<0.5	---	<0.5	<0.5	<0.5	**0.81**	---	<0.5	<0.5	---	<0.5	---	<0.5	<0.5	---	<0.5	---
Oct-10	<0.5	<0.5	<0.5	---	**0.66**	<0.5	---	**1.0**	<0.5	<0.5	<0.5	---	<0.5	---	<1.0	<0.5	---	<2.5	---
Dec-11	<0.5	---	<0.5	---	**0.92**	<0.5	<0.5	**0.92**	---	<0.5	<0.5	---	<0.5	---	<0.5	<0.5	---	<5.0	---

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
PCE = Tetrachloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the method detection limit

TABLE 17 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

1,1-DCE																			
Well ID	**IRA-10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5 - 101.5**	**58 - 68**	**60 - 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**	**7**
May-June 99	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	**0.73**	---	**3.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	---	---	---	---	<0.40	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	<2.5	---	---	**4.4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	---	**2.1**	---	**3.8**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May-02	<0.50	---	---	---	**4.7**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.50	<0.50	---	---	**2.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	<0.5	< 0.5	---	---	**3.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03	<0.5	---	---	---	**2.2**	<0.5	--	**0.58**	--	**0.84**	**12**	---	---	---	---	---	---	---	---
Dec-03	< 0.5	< 0.5	< 0.5	---	<0.5	<0.5	---	< 0.5	---	**1.0**	**9.2**	---	---	---	---	---	---	---	---
Mar-04	<0.5	<0.5	**0.51**	---	**2.9**	<0.5	---	**0.57**	---	**1.2**	**8.0**	---	---	---	---	---	---	---	---
May-04	<0.5	<0.5	<0.5	---	**3.9**	<0.5	---	**0.53**	---	**1.6**	**12**	---	---	---	---	---	<0.5	<0.5	---
Dec-04	<0.5	---	<0.5	---	**3.5**	<0.5	---	<5.0	<0.5	**2.6**	**12**	---	**14**	---	**15**	**30**	---	---	---
Apr-05	<0.5	---	<0.5	---	**3.6**	<0.5	---	**0.5**	<0.5	**1.3**	**7.8**	---	**20**	---	**16**	**35**	---	<0.5	---
Oct-05	<0.5	---	<0.5	---	<0.5	<0.5	---	<0.5	<0.5	**0.6**	**5.6**	---	**18**	---	**12**	**7.0**	---	---	---
Apr-06	<0.5	<0.5	<0.5	---	**3.0**	<0.5	---	<0.5	<0.5	**1.5**	**3.0**	---	**14**	---	**12**	**22**	---	---	---
Oct-06	<0.5	---	<0.5	---	<0.5	<0.5	---	<0.5	---	**0.9**	**6.0**	---	**13**	---	**13**	**13**	---	<0.5	---
Apr-07	<0.5	---	<0.5	---	**1.6**	<0.5	---	<0.5	---	**1.6**	**5.6**	---	**13.5**	---	**12**	**39.5**	---	---	---
Oct-07	<0.5	---	<0.5	---	**0.6**	<0.5	---	<0.5	---	**1.5**	**8.0**	---	**12.1**	---	**12.6**	**35.9**	---	---	---
Apr-08	<0.5	---	<0.5	---	**2.1**	<0.5	---	<0.5	<0.5	**1.3**	**5.2**	---	**14.2**	---	**8.2**	**20.9**	---	---	---
Nov-08	<0.5	---	**0.6**	---	<0.5	<0.5	<0.5	<0.5	---	**0.84**	**6.8**	---	**12**	---	**11**	**19**	---	<0.5	---
Oct-10	<0.5	<0.5	**0.61**	---	**1.67**	<0.5	---	<0.5	<0.5	**1.04**	**6.6**	---	**13.3**	---	**7.16**	**12**	---	<2.5	---
Dec-11	<0.5	---	<0.5	---	**3.25**	<0.5	<0.5	<0.5	---	**0.55**	**3.56**	---	**10.6**	---	**10.3**	**15.8**	---	<0.5	---

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
DCE = Dichloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the method detection limit

TABLE 17 (Continued)
INDIVIDUAL TABLES OF SELECTED VOCS IN THE PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in micrograms per liter [µg/L])

cis 1,2-DCE																			
Well ID	**IRA-10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5 - 101.5**	**58 - 68**	**60 - 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**	**70**
May-June 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	<0.40	---	**7.4**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	---	---	---	---	**5.7**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.50	<2.5	---	---	**8.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.50	---	<0.50	---	**9.0**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May-02	<0.50	---	---	---	**7.2**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.50	<0.50	---	---	**9.3**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	< 0.5	< 0.5	---	---	**8.6**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03	<0.5	---	---	---	**13**	**1.1**	---	**220**	--	**1.7**	< 0.5	---	---	---	---	---	---	---	---
Dec-03	< 0.5	< 0.5	< 0.5	---	**16**	<0.5	---	**170**	--	**1.6**	< 0.5	---	---	---	---	---	---	---	---
Mar-04	<0.5	<0.5	<0.5	---	**15**	**1.2**	---	**210**	---	**1.8**	<0.5	---	---	---	---	---	---	---	---
May-04	<0.5	<0.5	<0.5	---	**11**	<0.5	---	**210**	---	**2.2**	<0.5	---	---	---	---	---	**15**	**3.7**	---
Dec-04	<0.5	---	<0.5	---	**12**	<0.5	---	**240**	**3.9**	**1.7**	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Apr-05	<0.5	---	<0.5	---	**8.8**	<0.5	---	**180**	**3.6**	**1.4**	<0.5	---	<0.5	---	<0.5	<0.5	---	**3.2**	---
Oct-05	<0.5	---	<0.5	---	**11**	<0.5	---	**160**	**2.2**	**1.2**	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Apr-06	<0.5	<0.5	<0.5	---	**11**	**0.7**	---	**210**	**3.7**	**1.7**	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Oct-06	<0.5	---	<0.5	---	**2.9**	**0.7**	---	**140**	---	**1.2**	<0.5	---	<0.5	---	<0.5	<0.5	---	**2.4**	---
Apr-07	<0.5	---	<0.5	---	**9.2**	**1.2**	---	**23.2**	---	**1.4**	<0.5	---	<0.5	---	<0.5	<0.5	---	---	---
Oct-07	<0.5	---	<0.5	---	**4.8**	**0.9**	---	**46**	---	**1.3**	<0.5	---	<0.5	---	**2.7**	<0.5	---	---	---
Apr-08	<0.5	---	<0.5	---	<0.5	**1.2**	---	**65**	**6.1**	**1.0**	<0.5	---	<0.5	---	**1.0**	<0.5	---	---	---
Nov-08	<0.5	---	<0.5	---	**3.6**	**1.1**	**0.72**	**53**	---	**0.93**	<0.5	---	<0.5	---	**19.0**	<0.5	---	**2.5**	---
Oct-10	<0.5	<0.5	---	---	**6.68**	**0.65**	---	**98.9**	**1.69**	**1.07**	<0.5	---	<0.5	---	**96.8**	<0.5	---	**3**	---
Dec-11	<0.5	---	<0.5	---	**7.42**	**1.06**	**0.76**	**109**	---	**1.08**	<0.5	---	<0.5	---	**12.7**	<0.5	---	<0.5	---

µg/L = micrograms per liter
'---' = no sample collected
AWQS = Aquifer Water Quality Standard
TOC = Top of Casing
DCE = Dichloroethylene

BOLD = Indicates analyte detected above the method detection limit
Shaded Cell = Indicates analyte detected above the associated AWQS
<0.5 = Indicates analyte not detected above the method detection limit

TABLE 18
INDIVIDUAL TABLES OF SELECTED METALS IN PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in miligrams per liter [mg/L])

ARSENIC																			
Well ID	**IRA-10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5-101.5**	**58 - 68**	**60 – 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS*	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
May-June 99	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-June 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	---	---	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-01	---	---	---	---	<0.050	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.040	N/A	---	---	<0.040	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.040	---	---	---	<0.040	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May 02	<0.040	---	---	---	<0.040	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.040	<0.040	---	---	<0.040	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03	<0.0050	---	---	---	**0.0056**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03	<0.0050	---	---	---	**0.0053**	**0.0058**	---	---	---	---	<0.0050	---	---	---	---	---	---	---	---
Dec-03	**0.0025**	---	---	---	**0.0073**	**0.0059**	---	**0.0035**	---	**0.0016**	**0.0043**	---	---	---	---	---	---	---	---
Mar-04	< 0.010	**0.0028**	---	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---	---	---	---	---	---
May-04	**0.0024**	---	**0.0041**	---	**0.0041**	**0.0033**	---	---	---	**0.0028**	**0.0011**	---	---	---	---	---	---	---	---
Dec-04	<0.010	---	---	---	<0.010	**0.018**	---	<0.010	<0.010	<0.010	<0.010	---	<0.010	---	<0.010	<0.010	---	---	---
Apr-05	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	< 0.010	**0.011**	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---
Oct-05	< 0.010	---	< 0.010	---	**0.013**	**0.014**	---	< 0.010	< 0.010	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---
Apr-06	< 0.010	---	---	---	< 0.010	< 0.010	---	< 0.010	< 0.010	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	**0.037**	< 0.010
Oct-06	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	**0.079**	< 0.010
Apr-07	< 0.010	---	<0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Oct-07	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Apr-08	< 0.010	---	<0.010	---	< 0.010	< 0.010	---	< 0.010	<0.010	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Nov-08	< 0.010	---	< 0.010	---	< 0.010	< 0.010	< 0.010	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	**0.063**	---
Oct-10	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---
Dec-11	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---

mg/L = milligrams per liter

'---' = no sample collected

AWQS = Aquifer Water Quality Standard

TOC = Top of Casing

BOLD = Indicates analyte detected above the method detection limit

Shaded Cell = Indicates analyte detected above the associated AWQS

<0.0050 = Indicates analyte not detected above the method detection limit

* = Maximum Contaminant Level (MCL) for Arsenic is 0.01 mg/L

TABLE 18 (continued)
INDIVIDUAL TABLES OF SELECTED METALS IN PERCHED GROUNDWATER
ANALYTICAL RESULTS FOR 1999 - 2011
MIRACLE MILE WQARF SITE
(in miligrams per liter [mg/L])

CHROMIUM																			
Well ID	**IRA-10-100**	**IRA-11-70**	**IRA-12-70**	**IRA-15**	**IRA-16**	**IRA-17**	**IRA-18**	**IRA-19**	**IRA-20**	**IRA-21**	**IRA-22**	**IRA-23**	**IRA-27**	**IRA-28**	**IRA-29**	**IRA-30**	**SJ-MW-1**	**SJ-MW-2**	**SJ-MW-3**
Screened Interval (feet below TOC)	**81.5-101.5**	**58 - 68**	**60 – 70**	**91 - 101**	**66 - 76**	**65 - 75**	**65.5 - 75.5**	**62 - 72**	**75 - 85**	**63.5 - 73.5**	**61 - 71**	**69.5 - 79.5**	**55.5 - 65.5**	**56 - 66**	**56.5 - 66.5**	**59 - 69**	**61 - 71**	**64 - 74**	**84 - 94**
AWQS	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**	**0.10**
May-June 99	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 99	<0.01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-June 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
July-Sept 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Oct-Dec 00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-Mar 01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jun-01	---	---	---	---	0.22	---	---	---	---	---	---	---	---	---	---	---	---	---	
Sep-01	---	---	---	---	0.036	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Dec-01	<0.010	---	---	---	0.029	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mar-02	<0.010	---	---	---	0.020	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Apr-May-02	<0.010	---	---	---	0.062	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sep-02	<0.010	<0.010	---	---	0.086	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Jan-03[T]	<0.010	---	---	---	**0.052**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
May-03[T]	<0.010	---	---	---	**0.016**	<0.010	--	--	--	--	**0.022**	---	---	---	---	---	---	---	---
Dec-03[T]	**0.0019**	---	---	---	**0.028**	**0.025**	--	< 0.0010	--	**0.002**	**0.067**	---	---	---	---	---	---	---	---
Mar-04[T]	< 0.010	< 0.010	---	---	**0.024**	< 0.010	---	**0.017**	---	< 0.010	**0.023**	---	---	---	---	---	**9.9[H]**	---	---
May-04[T]	< 0.0010	---	**0.013**	---	**0.021**	**0.0060**	---	---	---	**0.010**	**0.0029**	---	---	---	---	---	**8.7[H]**	**130[H]**	---
Dec-04[T]	<0.010	---	---	---	**0.030**	**0.032**	---	<0.010	**0.011**	<0.010	**0.033**	---	**0.027**	---	**0.043**	<0.010	---	---	---
Apr-05[T]	< 0.010	---	< 0.010	---	**0.021**	**0.024**	---	< 0.010	**0.030**	**0.057**	**0.021**	---	**0.012**	---	**0.057**	**0.011**	---	**80**	---
Oct-05[D]	< 0.010	---	<0.010	---	<0.010	<0.010	---	< 0.010	< 0.010	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	**99[H]**	---
Apr-06[D]	< 0.010	---	---	---	**0.012**	< 0.010	---	< 0.010	< 0.010	**0.013**	**0.013**	---	< 0.010	---	< 0.010	< 0.010	---	**91**	< 0.010
Oct-06[D]	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	**74**	< 0.010
Apr-07[D]	< 0.010	---	<0.010	---	<0.010	< 0.010	---	< 0.010	---	<0.010	**0.011**	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Oct-07[D]	< 0.010	---	< 0.010	---	< 0.010	< 0.010	---	< 0.010	---	**0.012**	**0.018**	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Apr-08[D]	< 0.010	---	<0.010	---	<0.010	< 0.010	---	< 0.010	<0.010	<0.010	<0.010	---	< 0.010	---	< 0.010	< 0.010	---	---	---
Nov-08[D]	< 0.010	---	< 0.010	---	< 0.010	< 0.010	< 0.010	< 0.010	---	< 0.010	**0.023**	---	< 0.010	---	< 0.010	< 0.010	---	**83**	---
Oct-10[D]	< 0.010	---	<0.010	**---**	< 0.010	< 0.010	---	< 0.010	---	< 0.010	**0.012**	---	**0.016**	---	< 0.010	< 0.010	---	**83.2**	---
Dec-11[D]	< 0.010	---	<0.010	---	< 0.010	< 0.010	---	< 0.010	---	< 0.010	**0.0201**	---	<0.010	---	< 0.010	< 0.010	---	---	---

mg/L = milligrams per liter

'---' = no sample collected

AWQS = Aquifer Water Quality Standard

TOC = Top of Casing

BOLD = Indicates analyte detected above the method detection limit

Shaded Cell = Indicates analyte detected above the associated AWQS

<0.50 = Indicates analyte not detected above the method detection limit

D = Dissolved chromium; T = Total Chromium; H = Hexavalent Chromium