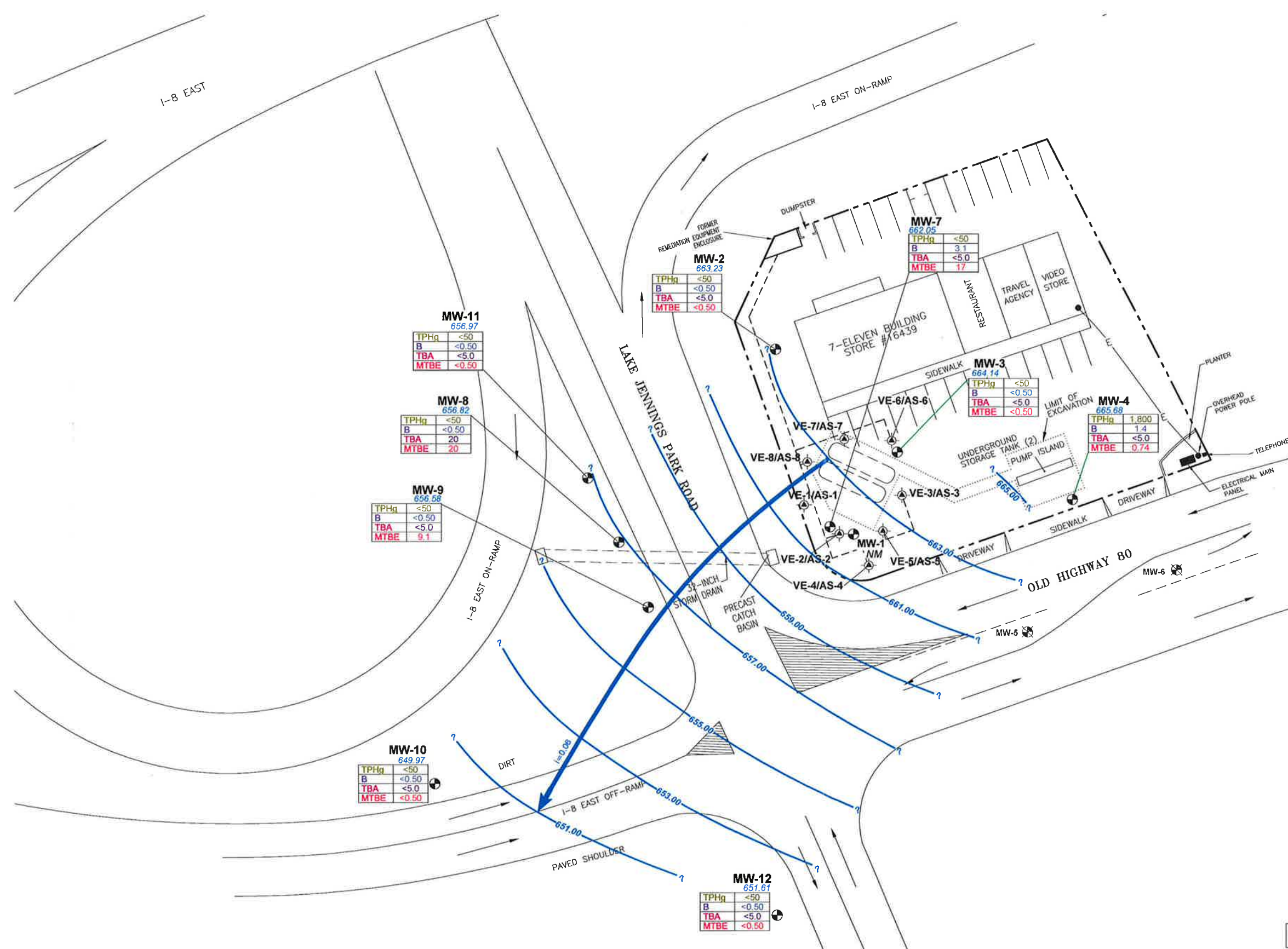
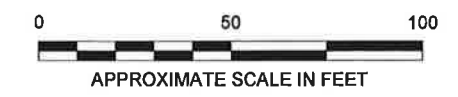




LEGEND:

- MW-3 GROUNDWATER MONITORING WELL
- VE-4/AS-4 DUAL VAPOR EXTRACTION/AIR SPARGE WELL
- MW-5 DESTROYED GROUNDWATER MONITORING WELL
- APPROXIMATE LIMIT OF EXCAVATION
- 663.23 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) ON DECEMBER 16, 2011
- ? — 653.00 — ESTIMATED GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MSL. DASHED WHERE INFERRED. QUERIED WHERE UNKNOWN.
- $i=0.06$ APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND AVERAGE HYDRAULIC GRADIENT (i)
- | | |
|------|-------|
| TPHg | <50 |
| B | <0.50 |
| TBA | <5.0 |
| MTBE | <0.50 |

 TPHg/BENZENE/TBA/MTBE CONCENTRATIONS IN GROUNDWATER SAMPLES COLLECTED ON DECEMBER 16, 2011. CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER ($\mu\text{g/L}$)
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
- TBA TERT-BUTYL ALCOHOL
- MTBE METHYL TERT-BUTYL ETHER
- < BELOW LABORATORY REPORTING LIMIT INDICATED
- NM NOT MEASURED



No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.



9179 AERO DRIVE
SAN DIEGO, CALIFORNIA
PHONE: (619) 296-6195/296-6199 (FAX)

PREPARED FOR:

7-ELEVEN STORE No. 16439
14110 OLD HIGHWAY 80
EL CAJON, CALIFORNIA

JOB NUMBER: 211701006

GROUNDWATER SUMMARY MAP
FOURTH QUARTER 2011

DRAWN BY: JA

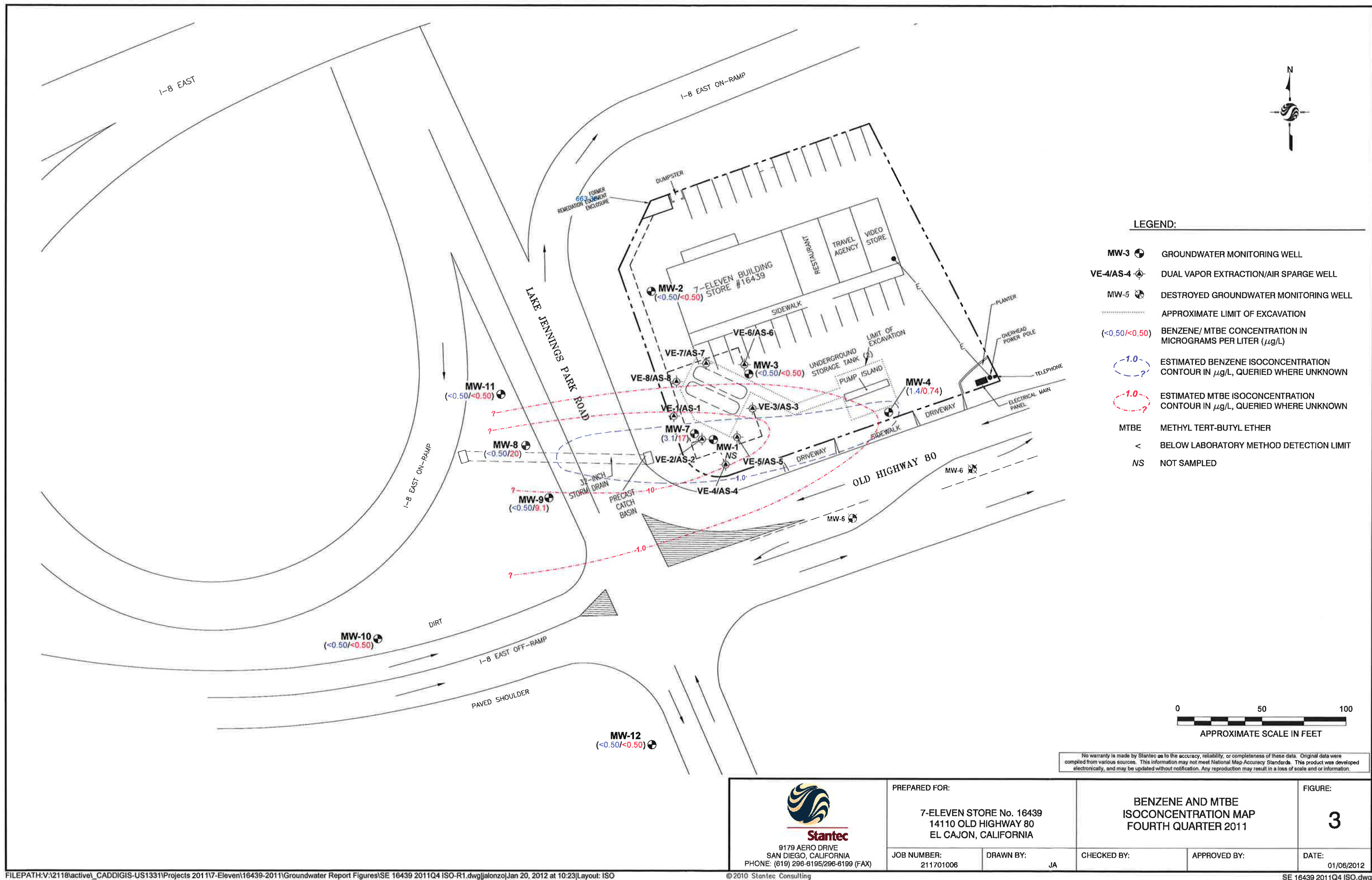
CHECKED BY:

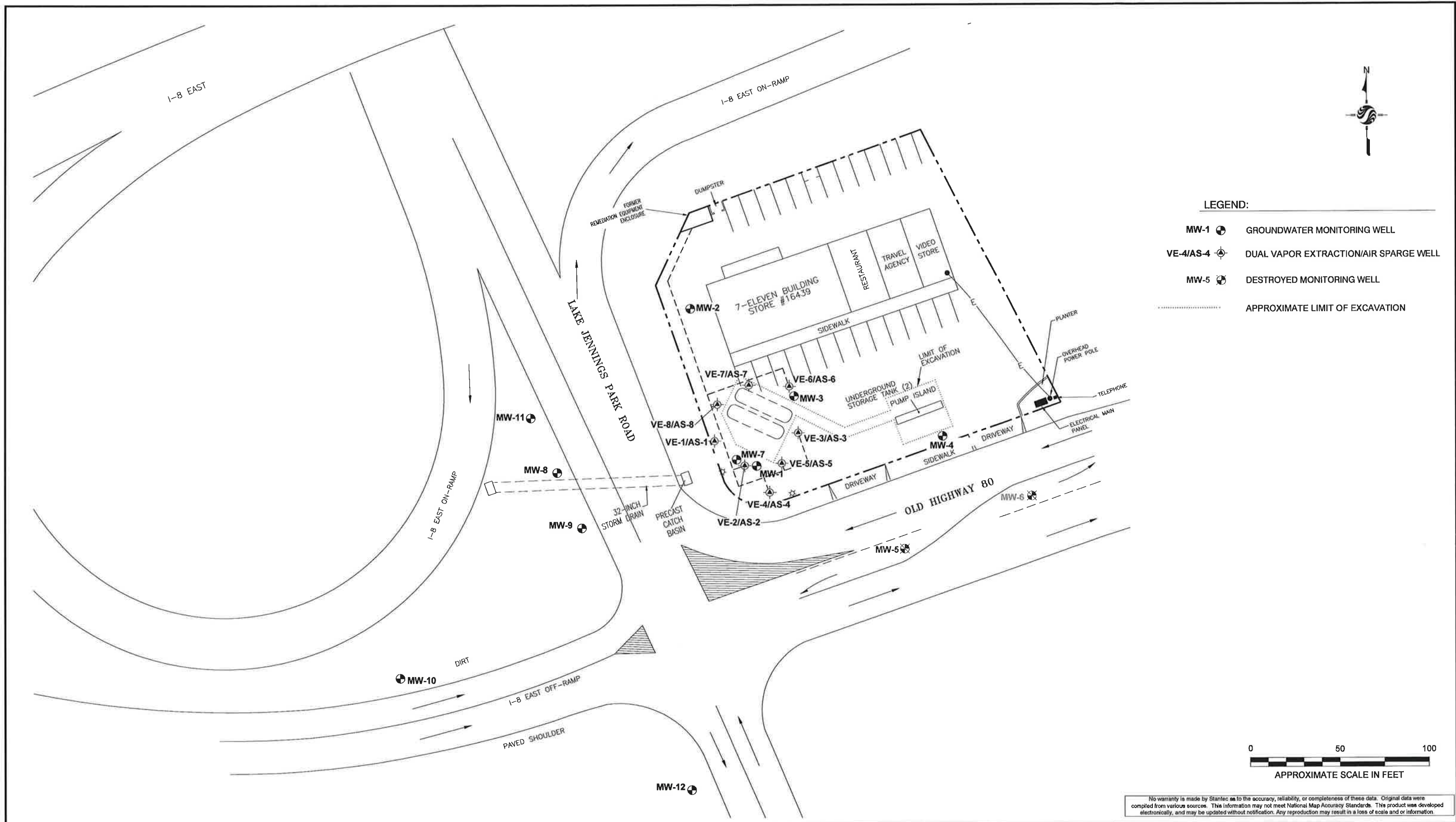
APPROVED BY:

FIGURE:

2

DATE: 01/06/2012





No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.



9179 AERO DRIVE
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PHONE: (619) 296-6195/296-6199 (FAX)

PREPARED FOR:

7-ELEVEN STORE No. 16439
14110 OLD HIGHWAY 80
EL CAJON, CALIFORNIA

JOB NUMBER:
211701006

DRAWN BY:
JA

SITE PLAN WITH FORMER REMEDIATION
SYSTEM LAYOUT

CHECKED BY:

APPROVED BY:

FIGURE:

4

DATE:
01/20/2011

FIGURE 5
7-Eleven Store No. 16439

CUMULATIVE POUNDS OF HYDROCARBONS REMOVED VERSUS TIME

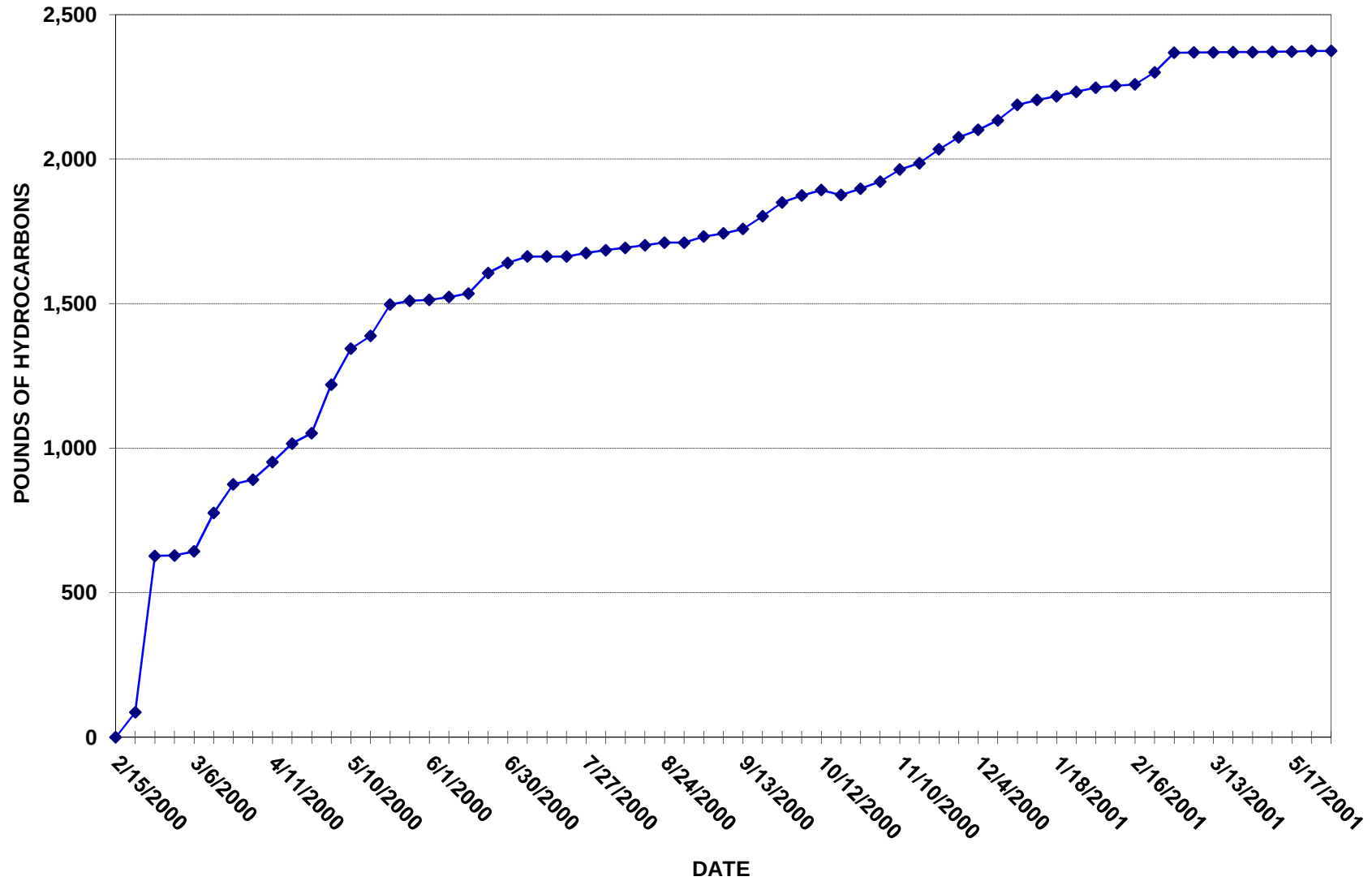
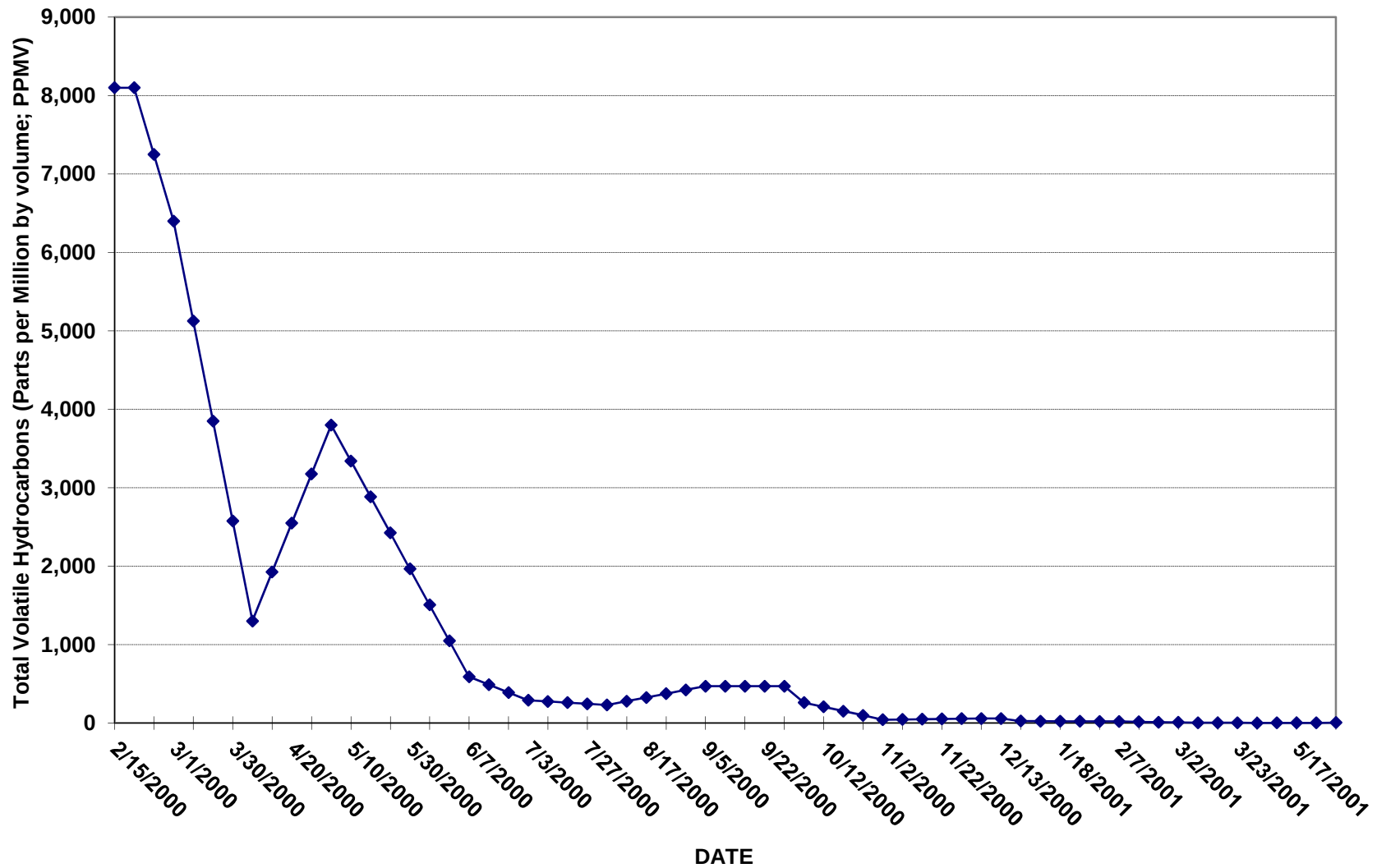


FIGURE 6
7-Eleven Store No. 16439

SOURCE TVH CONCENTRATION VERSUS TIME



TABLES

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-1 668.00	12/26/93	NM	NM	955	112	273	30	171	--	--	--	--	--
	11/15/96	8.55	659.45	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	670
	2/28/97	6.03	661.97	<100	1.7	<1.0	<1.0	<1.0	--	--	--	--	720
	6/4/97	7.91	660.09	<50	10	<0.5	0.7	<0.5	--	--	--	--	1,800
	9/11/97	10.20	657.80	4,500	110	10	1.0	19	--	--	--	--	4,000
	11/5/97	8.80	659.20	7,000	860	1,000	87	540	--	--	--	--	2,800
	1/29/98	6.80	661.20	2,000	350	520	40	180	--	--	--	--	600
	5/14/98	5.61	662.39	59,000	2,500	4,000	770	2,400	--	--	--	--	4,500
	6/1/98	5.63	662.37	--	--	--	--	--	--	--	--	--	--
	8/12/98	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/2/98	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/17/99	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	5/12/99	6.83	661.17	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/4/99	8.63	659.37	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	11/11/99	8.95	659.05	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/15/00	7.80	660.20	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/26/00	7.49	660.51	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/14/00	9.16	658.84	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	11/13/00	13.89	654.11	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	1/16/01	7.88	660.12	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/24/01	5.94	662.06	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	7/26/01	8.32	659.68	<50	0.7	<0.5	6.3	<0.5	<0.5	21	<0.5	<0.5	63
	11/13/01	8.99	659.01	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/11/02	8.29	659.70	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	5/10/02	8.54	659.46	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/5/02	9.26	658.74	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/2/02	8.47	659.53	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/18/03	7.30	660.70	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/29/03	6.30	661.70	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/5/03	8.08	659.92	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/17/03	7.86	660.14	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/13/04	6.82	661.18	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	5/20/04	7.50	660.50	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/17/04	8.70	659.30	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	11/1/04	6.43	661.57	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	1/7/05	5.68	662.32	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/15/05	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	7/25/05	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	10/28/05	6.29	661.71	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	1/20/06	6.29	661.71	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/14/06	5.55	662.45	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	7/21/06	7.11	660.89	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	10/23/06	8.00	660.00	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	2/12/07	6.78	661.22	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	6/4/07	7.76	660.24	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	9/14/07	8.56	659.44	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/10/07	7.45	660.55	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	3/31/08	5.93	662.07	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	5/30/08	6.88	661.12	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	9/22/08	8.65	659.35	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/22/08	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	3/30/09	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	5/14/09	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	8/10/09	8.65	659.35	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	11/20/09	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	4/29/10	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/1/10	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	6/20/11	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
	12/16/11	NM	NM	NOT SAMPLED - IMPROPER SCREEN INTERVAL									
MW-2 669.38	11/15/96	9.47	659.85	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.0
	2/28/97	6.17	663.15	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.9
	6/4/97	8.70	660.62	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	9/11/97	11.27	658.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.8

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-2 Cont'd 669.38	11/5/97	9.76	659.62	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	1/29/98	7.37	662.01	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	2.5
	5/14/98	5.83	663.55	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	6/1/98	5.98	663.40	NOT SAMPLED									
	8/12/98	8.02	661.36	NOT SAMPLED									
	12/2/98	8.08	661.30	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.3
	2/17/99	6.97	662.41	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	5/12/99	7.69	661.69	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99	9.73	659.65	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	11/11/99	10.07	659.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00	8.61	660.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	4/26/00	8.15	661.23	NOT SAMPLED									
	8/14/00	10.30	659.08	NOT SAMPLED									
	11/13/00	9.95	659.43	NOT SAMPLED									
	1/16/01	8.64	660.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/24/01	6.28	663.10	NOT SAMPLED									
	7/26/01	9.36	660.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	3.3
	11/13/01	10.11	659.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	6.2
	2/11/02	9.45	659.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	5/10/02	9.61	659.77	NOT SAMPLED									
	8/5/02	10.52	658.86	NOT SAMPLED									
	12/2/02	9.15	660.23	NOT SAMPLED									
	2/18/03	7.96	661.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/29/03	6.83	662.55	NOT SAMPLED									
	8/5/03	9.07	660.31	NOT SAMPLED									
	12/17/03	8.87	660.51	NOT SAMPLED									
	2/13/04	7.53	661.85	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	8.35	661.03	NOT SAMPLED									
	8/17/04	9.81	659.57	NOT SAMPLED									
	11/1/04	6.94	662.44	NOT SAMPLED									
	1/7/05	5.92	663.46	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	4/15/05	5.52	663.86	NOT SAMPLED									
	7/25/05	5.67	663.71	NOT SAMPLED									
	10/28/05	6.49	662.89	NOT SAMPLED									
	1/20/06	6.60	662.78	<50	<0.5	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	5.63	663.75	NOT SAMPLED									
	7/21/06	8.06	661.32	NOT SAMPLED									
	10/23/06	8.96	660.42	NOT SAMPLED									
	2/12/07	7.53	661.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	8.72	660.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	9.70	659.68	<50	<0.50	<0.50	<0.50	0.51	<0.50	<5.0	<0.50	<0.50	<0.50
	12/10/07	8.20	661.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	6.10	663.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	7.60	661.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	10.15	659.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	7.20	662.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/30/09 ¹	6.02	663.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09 ¹	7.17	662.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/11/09 ¹	9.67	659.71	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	12.86	656.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/29/10 ¹	5.33	664.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/1/10	6.93	662.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/20/11	5.81	663.57	NOT SAMPLED									
	12/16/11	6.15	663.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
MW-3 668.72	11/15/96	7.79	660.93	2,300	49	330	63	270	--	--	--	--	37
	2/28/97	4.97	663.75	1,300	28	160	62	150	--	--	--	--	29
	6/4/97	6.85	661.87	6,700	190	700	190	860	--	--	--	--	120
	9/11/97	9.69	659.03	8,900	1,100	1,400	270	1,200	--	--	--	--	660
	11/5/97	8.16	660.56	31,000	460	1,200	1,100	3,500	--	--	--	--	170
	1/29/98	5.63	663.09	15,000	180	350	550	790	--	--	--	--	65
	5/14/98	5.03	663.69	5,800	1.6	31	150	130	--	--	--	--	2.6
	6/1/98	5.11	663.61	NOT SAMPLED									

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-3 Cont'd 668.72	8/12/98	4.32	664.40	4,500	1.1	17	120	150	--	--	--	--	6.9
	12/2/98	6.12	662.60	8,600	82	180	310	700	--	--	--	--	47
	2/17/99	5.08	663.64	5,900	100	190	200	380	--	--	--	--	51
	5/12/99	5.32	663.40	2,500	20	43	76	71	--	--	--	--	19
	8/4/99	7.95	660.77	630	20	2.6	14	17	--	--	--	--	80
	11/11/99	8.45	660.27	450	<0.5	<0.5	2.8	1.9	--	--	--	--	53
	2/15/00	6.78	661.94	7,300	100	140	280	780	--	--	--	--	67
	4/26/00	5.35	663.37	6,800	1,000	1,000	180	780	--	--	--	--	1,600
	8/14/00	8.60	660.12	100	<0.5	<0.5	<0.5	1.1	<0.5	<5.0	<0.5	<0.5	4.0
	11/13/00	8.88	659.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.0
	1/16/01	6.67	662.05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.4
	4/24/01	5.02	663.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.8
	7/26/01	8.32	660.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	3.2
	11/13/01	8.78	659.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	2/11/02	8.11	660.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	5.2
	5/10/02	8.15	660.57	<50	<0.5	<0.5	<0.5	0.8	<0.5	6.1	<0.5	<0.5	6.0
	8/5/02	9.15	659.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	5.8
	12/2/02	7.68	661.04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	4.3
	2/18/03	6.33	662.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.5
	4/29/03	5.00	663.72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.7
	8/5/03	7.47	661.25	<50	<0.5	<0.5	<0.5	0.8	<0.5	<5.0	<0.5	<0.5	2.9
	12/17/03	7.27	661.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.4
	5/20/04	6.66	662.06	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	8/17/04	8.32	660.40	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	2.2
	11/1/04	5.34	663.38	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/7/05	4.47	664.25	NOT SAMPLED									
	3/5/05	4.26	664.46	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10.0	<1.0	<1.0	<1.0
	4/15/05	4.12	664.60	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	7/25/05	5.12	663.60	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	10/28/05	4.75	663.97	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/20/06	4.87	663.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	4.02	664.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	7/21/06	6.11	662.61	94	<0.50	0.52	1.4	14	<0.50	<5.0	<0.50	<0.50	<0.50
	10/23/06	7.31	661.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	2/12/07	6.62	662.10	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	7.05	661.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	8.27	660.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/10/07	6.61	662.11	<50	1.1	0.56	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	4.63	664.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	5.54	663.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	8.73	659.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	5.67	663.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/30/09 ¹	4.74	663.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09 ¹	5.31	663.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/11/09 ¹	8.18	660.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	11.57	657.15	<50	<0.50	<0.50	0.63	<0.50	<0.50	<5.0	<0.50	<0.50	0.53
	4/29/10 ¹	5.00	663.72	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/1/10	5.20	663.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/20/11	4.70	664.02	NOT SAMPLED									
	12/16/11	4.58	664.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
MW-4 669.74	11/15/96	5.32	664.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	2.1
	2/28/97	5.48	664.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	6/4/97	5.46	664.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.6
	9/11/97	6.55	663.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.9
	11/5/97	5.95	663.79	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.7
	1/29/98 ^{NP}	5.37	664.37	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.9
	5/14/98 ^{NP}	5.37	664.37	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	6/1/98 ^{NP}	5.11	664.63	NOT SAMPLED									
	8/12/98 ^{NP}	5.06	664.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	12/2/98 ^{NP}	5.32	664.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.8
	2/17/99 ^{NP}	5.35	664.39	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-4 Cont'd 669.74	5/12/99 ^{NP}	5.35	664.39	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99 ^{NP}	5.97	663.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	26
	11/11/99 ^{NP}	6.37	663.37	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00 ^{NP}	5.68	664.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	4/26/00	5.41	664.33	NOT SAMPLED									
	8/14/00	6.41	663.33	NOT SAMPLED									
	11/13/00	6.36	663.38	NOT SAMPLED									
	1/16/01 ^{NP}	5.34	664.40	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/24/01	5.24	664.50	NOT SAMPLED									
	7/26/01 ^{NP}	6.01	663.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	11/13/01 ^{NP}	6.63	663.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	2/11/02 ^{NP}	6.01	663.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	5/10/02	6.09	663.65	NOT SAMPLED									
	8/5/02	6.77	662.97	NOT SAMPLED									
	12/2/02	5.70	664.04	NOT SAMPLED									
	2/18/03	5.28	664.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/29/03	5.25	664.49	NOT SAMPLED									
	8/5/03	5.79	663.95	NOT SAMPLED									
	12/17/03	6.76	662.98	NOT SAMPLED									
	2/13/04	5.29	664.45	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	5.14	664.60	NOT SAMPLED									
	8/17/04	6.27	663.47	NOT SAMPLED									
	11/1/04	5.09	664.65	NOT SAMPLED									
	1/7/05	5.07	664.67	576	33	36	26	64	<1.0	<10	<1.0	<1.0	2.2
	3/5/05	4.75	664.99	822	67	102	11	80	<1.0	<1.0	<1.0	<1.0	1.2
	4/15/05	5.10	664.64	NOT SAMPLED									
	7/25/05	3.98	665.76	NOT SAMPLED									
	10/28/05	4.51	665.23	33,000	1,130	3,950	572	3,100	<25	<250	<25	<25	<25
	1/20/06	4.81	664.93	76,000	4,900	13,000	2,400	12,000	<30	<150	<30	<30	<30
	2/27/06	3.87	665.87	73,000	2,200	12,000	1,800	12,000	<30	<150	<30	<30	<30
	4/14/06	3.86	665.88	78,000	850	7,000	2,000	15,000	<20	<90	<20	<20	<20
	7/21/06	4.53	665.21	41,000	500	660	1,300	9,600	<9.0	<50	<9.0	<9.0	<9.0
	10/23/06	5.38	664.36	57,000	190	590	1,800	13,000	<9.0	<50	<9.0	<9.0	<9.0
	2/12/07	4.99	664.75	69,000	63	240	2,200	13,000	<9.0	<50	<9.0	<9.0	<9.0
	6/4/07	5.03	664.71	30,000	20	32	1,200	4,400	<5.0	<25	<5.0	<5.0	<5.0
	9/14/07	6.06	663.68	29,000	11	14	1,100	4,000	<0.50	7.8	<0.50	<0.50	1.7
	12/10/07	5.02	664.72	3,800	4.6	4.2	110	14	<0.50	150	<0.50	<0.50	1.6
	3/31/08	3.76	665.98	16,000	3.2	1.7	540	880	<0.50	110	<0.50	<0.50	1.2
	5/30/08	3.99	665.75	2,800	2.1	2.6	83	4.0	<0.50	110	<0.50	<0.50	1.1
	9/22/08	6.16	663.58	12,000	4.7	2.9	360	280	<0.50	38	<0.50	<0.50	1.8
	12/22/08	5.05	664.69	1,100	1.0	0.89	43	10	<0.50	120	<0.50	<0.50	1.0
	3/30/09 ¹	3.82	665.92	6,800	1.8	4.5	210	66	<0.50	78	<0.50	<0.50	1.2
	5/14/09	4.03	665.71	NOT SAMPLED- CAR PARKED OVER WELL									
	8/11/09 ¹	5.56	664.18	7,500	1.5	6.2	100	18	<1.0	120	<1.0	<1.0	<1.0
	11/20/09	8.23	661.51	5,900	2.5	4.1	64	11	<1.0	120	<1.0	<1.0	<1.0
	4/29/10 ¹	3.62	666.12	2,200	0.98	1.4	5.2	4.0	<0.50	29	<0.50	<0.50	0.74
	12/1/10	4.28	665.46	1,600	1.5	<0.50	1.8	<0.50	<0.50	24	<0.50	<0.50	0.98
	6/20/11	4.80	664.94	NOT SAMPLED									
	12/16/11	4.06	665.68	1,800	1.4	0.86	<0.50	1.5	<0.50	<5.0	<0.50	<0.50	0.74
MW-5 669.31	11/15/96	NM	NM	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.6
	2/28/97	6.03	663.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	27
	6/4/97	6.61	662.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.2
	9/11/97	9.60	659.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	11/5/97	7.18	662.13	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.0
	1/29/98 ^{NP}	6.19	663.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.6
	5/14/98 ^{NP}	5.61	663.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.8
	6/1/98 ^{NP}	5.76	663.55	NM	NM	--	--	--	--	--	--	--	NM
	8/12/98 ^{NP}	6.18	663.13	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.6
	12/2/98 ^{NP}	6.46	662.85	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.6
	2/17/99 ^{NP}	6.19	663.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-5 Cont'd 669.31	5/12/99 ^{NP}	6.21	663.10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99 ^{NP}	6.99	662.32	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.5
	11/11/99 ^{NP}	8.19	661.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00 ^{NP}	6.79	662.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	4/26/00	6.34	662.97	NOT SAMPLED									
	8/14/00	8.11	661.20	NOT SAMPLED									
	11/13/00	8.31	661.00	NOT SAMPLED									
	1/16/01	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	4/24/01	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	7/26/01	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	11/13/01	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	2/11/02	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	5/10/02	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	8/5/02	NM	NM	NOT SAMPLED - WELL PAVED OVER									
	12/2/02	6.87	662.44	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2/18/03	6.33	662.98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
	4/29/03	5.95	663.36	NOT SAMPLED									
	8/5/03	6.71	662.60	NOT SAMPLED									
	12/17/03	6.70	662.61	NOT SAMPLED									
	2/13/04	6.29	663.02	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	2.8
	5/20/04	6.36	662.95	NOT SAMPLED									
	8/17/04	6.96	662.35	NOT SAMPLED									
	11/1/04	5.99	663.32	NOT SAMPLED									
	1/7/05	5.65	663.66	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	4/15/05	5.59	663.72	NOT SAMPLED									
	7/25/05	5.92	663.39	NOT SAMPLED									
	10/28/05	5.63	663.68	NOT SAMPLED									
	1/20/06	6.11	663.20	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	5.67	663.64	NOT SAMPLED									
	7/21/06	6.30	663.01	NOT SAMPLED									
	10/23/06	6.62	662.69	NOT SAMPLED									
	2/12/07	6.08	663.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	6.41	662.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	6.95	662.36	NOT SAMPLED									
	12/10/07	6.40	662.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	5.81	663.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	6.13	663.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	7.03	662.28	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	NM	NM	NOT SAMPLED									
	3/30/09 ¹	5.90	663.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09	6.07	663.24	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/10/09	6.73	662.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	11.10	658.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/29/10	5.65	663.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/19/10	Well Destroyed											
MW-6 670.28	11/15/96	NM	NM	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/28/97	6.75	663.53	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	6/4/97	7.16	663.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	9/11/97	8.02	662.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	11/5/97	7.45	662.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	1/29/98	6.72	663.56	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	05/14/98	6.17	664.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	6/1/98	6.30	663.98	--	--	--	--	--	--	--	--	--	--
	8/12/98	6.70	663.58	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	12/2/98	6.74	663.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/17/99	6.70	663.58	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	5/12/99	6.69	663.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99	7.39	662.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.6
	11/11/99	7.64	662.64	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00	7.29	662.99	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	4/26/00	6.88	663.40	NOT SAMPLED									
	8/14/00	7.70	662.58	NOT SAMPLED									

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-6 Cont'd 670.28	11/13/00	7.66	662.62	NOT SAMPLED									
	4/24/01	6.39	663.89	NOT SAMPLED									
	7/26/01 ^{NP}	7.16	663.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.6
	11/13/01	7.73	662.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	0.7
	2/11/02	7.34	662.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.2
	5/10/02	7.37	662.91	NOT SAMPLED									
	8/5/02	7.80	662.48	NOT SAMPLED									
	12/2/02	7.27	663.01	NOT SAMPLED									
	2/18/03	6.83	663.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
	4/29/03	6.46	663.82	NOT SAMPLED									
	8/5/03	7.19	663.09	NOT SAMPLED									
	12/17/03	7.24	663.04	NOT SAMPLED									
	2/13/04	6.91	663.37	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	6.93	663.35	NOT SAMPLED									
	8/17/04	7.50	662.78	NOT SAMPLED									
	11/1/04	6.40	663.88	NOT SAMPLED									
	1/7/05	6.27	664.01	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	4/15/05	6.25	664.03	NOT SAMPLED									
	7/25/05	6.58	663.70	NOT SAMPLED									
	10/28/05	6.55	663.73	NOT SAMPLED									
	1/20/06	6.60	663.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	6.22	664.06	NOT SAMPLED									
	7/21/06	6.89	663.39	NOT SAMPLED									
	10/23/06	7.12	663.16	NOT SAMPLED									
	2/12/07	6.71	663.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	7.02	663.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	7.47	662.81	NOT SAMPLED									
	12/10/07	6.82	663.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	6.56	663.72	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	6.85	663.43	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	7.62	662.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	NM	NM	NOT SAMPLED									
	3/30/09 ¹	6.34	663.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09	6.73	663.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/10/09	7.41	662.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	8.41	661.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/29/10	6.68	663.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/19/10	Well Destroyed											
MW-7 667.78	9/11/97	10.13	657.65	3,000	86	38	<5.0	27	--	--	--	--	2,700
	11/5/97	8.72	659.06	15,000	2,400	3,400	280	1,600	--	--	--	--	6,000
	1/29/98	6.71	661.07	13,000	1,700	1,500	170	750	--	--	--	--	5,400
	5/14/98	5.39	662.42	210,000	20,000	53,000	4,700	27,000	--	--	--	--	20,000
	6/1/98	5.53	662.25	NOT SAMPLED									
	8/12/98	6.89	660.89	NOT SAMPLED - MEASURED LPH THICKNESS									
	12/2/98	7.17	660.62	NOT SAMPLED - MEASURED LPH THICKNESS									
	2/17/99	6.30	661.48	11,000	1,600	1,500	200	1,400	--	--	--	--	4,000
	5/12/99	6.70	661.08	11,000	1,700	1,700	270	1,100	--	--	--	--	2,900
	8/4/99	8.49	659.30	NOT SAMPLED - MEASURED LPH THICKNESS									
	11/11/99	8.76	659.02	NOT SAMPLED - SHEEN OBSERVED									
	2/15/00	7.62	660.16	7,300	1,000	920	150	840	--	--	--	--	2,000
	4/26/00	7.36	660.42	6,000	1,100	1,100	180	510	--	--	--	--	1,800
	8/14/00	8.99	658.79	970	280	190	93	310	1.3	930	<0.5	<0.5	1,000
	11/13/00	8.54	659.24	<50	<0.5	<0.5	0.5	<0.5	<0.5	25	<0.5	<0.5	53
	1/16/01	8.57	659.21	<50	0.5	<0.5	1.5	4.8	<0.5	68	<0.5	<0.5	88
	4/24/01	5.80	661.98	<50	<0.5	<0.5	5.9	2.7	<0.5	15	<0.5	<0.5	72
	7/26/01	8.13	659.65	<50	<0.5	<0.5	3.4	<0.5	<0.5	67	<0.5	<0.5	70
	11/13/01	8.81	658.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	24	<0.5	<0.5	76
	2/11/02	8.65	659.13	NOT SAMPLED - SHEEN OBSERVED									
	5/10/02	8.38	659.40	<50	0.7	<0.5	0.9	1.0	<0.5	170	<0.5	<0.5	230
	8/5/02	9.10	658.68	<50	<0.5	<0.5	<0.5	<0.5	<0.5	14	<0.5	<0.5	180
	12/2/02	8.02	659.76	<50	<0.5	<0.5	<0.5	<0.5	<0.5	91	<0.5	<0.5	300
	2/18/03	7.13	660.65	210	4.5	0.6	6.5	<0.5	<0.5	71	<0.5	<0.5	380
	4/29/03	6.23	661.55	58	2.3	1.4	1.1	3.5	0.6	72	<0.5	<0.5	230

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-7 Cont'd 667.78	8/5/03	7.91	659.87	960	60	<5.0	50	10	<5.0	430	<0.5	<0.5	690
	12/17/03	7.85	659.93	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	33
	2/13/04	6.71	661.07	232	1.0	<5.0	1.6	3.6	<1.0	17	<1.0	<1.0	72
	5/20/04	7.39	660.39	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	28
	8/17/04	8.52	659.26	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	26
	11/1/04	6.26	661.52	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	13
	1/7/05	5.50	662.28	NOT SAMPLED									
	3/5/05	4.91	662.87	60	<1.0	<5.0	<1.0	<5.0	<1.0	<10	<1.0	<1.0	48
	4/15/05	5.34	662.44	68	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	52
	7/25/05	5.56	662.22	105	<1.0	<5.0	<5.0	<5.0	<1.0	11	<1.0	<1.0	60
	10/28/05	5.96	661.82	132	2.0	7.5	<5.0	<5.0	<1.0	<10	<1.0	<1.0	39
	1/20/06	6.11	661.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	34
	4/14/06	5.39	662.39	70	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	14
	7/21/06	6.92	660.86	91	<0.50	<0.50	<0.50	2.5	<0.50	<5.0	<0.50	<0.50	28
	10/23/06	7.78	660.00	92	<0.50	<0.50	<0.50	1.6	<0.50	<5.0	<0.50	<0.50	49
	2/12/07	6.56	661.22	290	1.1	<0.50	<0.50	0.96	<0.50	<5.0	<0.50	<0.50	13
	6/4/07	7.58	660.20	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	27
	9/14/07	8.38	659.40	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	51
	12/10/07	7.26	660.52	240	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	8.8
	3/31/08	5.76	662.02	210	1.4	<0.50	<0.50	2.4	<0.50	<5.0	<0.50	<0.50	9.1
	5/30/08	6.70	661.08	360	2.2	<0.50	<0.50	8.4	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	8.10	659.68	91	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	51
	12/22/08	6.46	661.32	88	<0.50	<0.50	<0.50	1.8	<0.50	<5.0	<0.50	<0.50	0.84
	3/30/09	5.75	662.03	NOT SAMPLED									
	5/14/09 ¹	6.62	661.16	<50	1.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	20
	8/11/09 ¹	8.45	659.33	79	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	33
	11/20/09	11.19	656.59	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	40
	4/29/10 ¹	5.21	662.57	<50	2.0	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	12
	12/1/10	6.30	661.48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	20
	6/20/11	5.70	662.08	NOT SAMPLED									
	12/16/11	5.73	662.05	<50	3.1	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	17
MW-8 663.76	9/11/97	10.87	652.89	5,100	72	19	480	420	--	--	--	--	79
	11/5/97	8.51	655.25	750	6.1	0.6	45	42	--	--	--	--	92
	1/29/98	7.23	656.53	340	1.0	0.7	8.3	6.2	--	--	--	--	98
	5/14/98 NP	6.44	657.32	1,700	10	<5.0	64	6.2	--	--	--	--	93
	6/1/98 NP	6.42	657.34	NOT SAMPLED									
	8/12/98 NP	7.18	656.58	3,700	23	2.8	250	10	--	--	--	--	100
	12/2/98 NP	7.49	656.27	280	16	<2.0	460	23	--	--	--	--	100
	2/17/99 NP	6.72	657.04	2,100	12	1.0	280	2.0	--	--	--	--	160
	5/12/99 NP	6.88	656.88	1,700	10	1.0	310	1.7	--	--	--	--	170
	8/4/99 NP	7.96	655.80	1,700	14	1.3	440	4.3	--	--	--	--	200
	11/11/99 NP	8.39	655.37	2,400	11	1.4	620	3.5	--	--	--	--	250
	2/15/00 NP	7.73	656.03	1,300	5.6	<0.5	150	1.0	--	--	--	--	290
	4/26/00 NP	7.39	656.37	5,900	25	2.3	800	17	--	--	--	--	540
	8/14/00 NP	8.62	655.14	2,700	21	1.5	250	6.2	<0.5	470	<0.5	<0.5	210
	11/13/00 NP	8.60	655.16	1,300	6.0	<1.0	78	1.3	<1.0	240	<1.0	<1.0	400
	1/16/01 NP	7.99	655.77	680	3.8	<0.5	31	<0.5	<0.5	320	<0.5	<0.5	370
	4/24/01 NP	6.82	656.94	890	7.0	<0.5	23	1.1	<0.5	200	<0.5	<0.5	590
	7/26/01 NP	7.65	656.11	1,500	13	<0.5	160	<0.5	<0.5	650	<0.5	<0.5	720
	11/13/01 NP	8.20	655.56	500	3.3	<2.0	<2.0	<2.0	<2.0	330	<3.0	<2.0	730
	2/11/02 NP	7.86	655.90	750	2.8	<2.0	<2.0	<2.0	<2.0	460	<2.0	<2.0	910
	5/10/02	7.89	655.87	250	0.6	<0.5	2.3	<0.5	<0.5	540	<0.5	<0.5	580
	8/5/02	8.54	655.22	150	<0.5	<0.5	5.6	<0.5	0.6	93	<0.5	<0.5	660
	12/2/02	7.89	655.87	120	<0.5	<0.5	4.0	<0.5	0.6	170	<0.5	<0.5	510
	2/18/03	7.25	656.51	230	0.9	0.6	5.4	<0.5	0.6	42	<0.5	<0.5	540
	4/29/03	6.70	657.06	400	2.3	2.8	16	4.3	<2.0	210	<2.0	<2.0	510
	8/5/03	7.54	656.22	<200	2.5	<2.0	2.9	<2.0	<2.0	94	<2.0	<2.0	950
	12/17/03	7.53	656.23	<100	<1.0	<1.0	1.3	<1.0	<1.0	57	<1.0	<1.0	470
	2/13/04	7.03	656.73	226	<1.0	<5.0	1.2	<5.0	<1.0	23	<1.0	<1.0	174
	5/20/04	7.12	656.64	284	2	<5.0	6.8	<5.0	<1.0	48	<1.0	<1.0	196

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-8 Cont'd 663.76	8/17/04	8.14	655.62	171	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	183
	11/1/04	6.79	656.97	163	1.2	<5.0	8.8	<5.0	<1.0	20	<1.0	<1.0	90
	1/7/05	6.02	657.74	285	8.1	7.4	14	16	<1.0	15	<1.0	<1.0	66
	4/15/05	5.81	657.95	325	1.8	<5.0	53	<5.0	<1.0	25	<1.0	<1.0	73
	7/25/05	6.16	657.60	369	1.8	<5.0	51	<5.0	<1.0	20	<1.0	<1.0	62
	10/28/05	6.42	657.34	337	1.6	<5.0	25	<5.0	<1.0	12	<1.0	<1.0	65
	1/20/06	6.42	657.34	410	1.0	<0.50	16	<0.50	<0.50	11	<0.50	<0.50	41
	4/14/06	5.83	657.93	460	0.96	<0.50	23	<0.50	<0.50	16	<0.50	<0.50	36
	7/21/06	6.92	656.84	94	<0.50	<0.50	1.8	<0.50	<0.50	8.7	<0.50	<0.50	30
	10/23/06	7.42	656.34	200	0.93	<0.50	6.8	<0.50	<0.50	8.3	<0.50	<0.50	40
	2/12/07	7.12	656.64	440	0.94	<0.50	19	<0.50	<0.50	6.5	<0.50	<0.50	33
	6/4/07	7.59	656.17	140	<0.50	<0.50	2.8	<0.50	<0.50	12	<0.50	<0.50	34
	9/14/07	8.10	655.66	160	<0.50	<0.50	4.4	<0.50	<0.50	<5.0	<0.50	<0.50	9.6
	12/10/07	7.72	656.04	71	<0.50	1.5	0.62	3.0	<0.50	<5.0	<0.50	<0.50	7.1
	3/31/08	6.67	657.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	4.0
	5/30/08	7.64	656.12	380	<0.50	<0.50	5.9	<0.50	<0.50	<5.0	<0.50	<0.50	10
	9/22/08	8.81	654.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	4.4
	12/22/08	7.50	656.26	79	<0.50	<0.50	2.4	<0.50	<0.50	7.6	<0.50	<0.50	5.1
	3/30/09	6.70	657.06	<50	<0.50	1.7	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	7.4
	5/14/09	7.25	656.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.92
	8/11/09	8.70	655.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.74
	11/20/09	12.70	651.06	86	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	1.1
	4/29/10 ¹	6.05	657.71	62	<0.50	0.70	1.1	2.8	<0.50	30	<0.50	<0.50	19
	12/1/10	7.33	656.43	84	1.1	2.4	2.0	7.9	<0.50	17	<0.50	<0.50	24
	6/20/11	6.59	657.17	<50	0.62	0.75	0.62	1.5	<0.50	17	<0.50	<0.50	30
	12/16/11	6.94	656.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<0.50	<0.50	20
MW-9 663.31	9/11/97	10.82	652.49	4,200	16	3.8	44	32	--	--	--	--	300
	11/5/97	8.79	654.52	1,000	8.9	1.5	22	8	--	--	--	--	680
	1/29/98	7.59	655.72	1,300	22	3.0	34	25	--	--	--	--	330
	5/14/98	6.81	656.50	460	6.3	1.8	15	8.6	--	--	--	--	160
	6/1/98	6.88	656.43	NOT SAMPLED									
	8/12/98	7.31	656.00	380	2.9	<0.5	10	4.6	--	--	--	--	240
	12/2/98	7.36	655.95	800	2.0	<0.5	10	1.9	--	--	--	--	520
	2/17/99	6.70	656.61	800	3.4	<0.5	14	2.4	--	--	--	--	560
	5/12/99	6.97	656.34	960	2.3	<0.5	24	7.2	--	--	--	--	600
	8/4/99	7.95	655.36	1,100	1.8	<0.5	11	2.0	--	--	--	--	870
	11/11/99	8.32	654.99	120	0.5	<0.5	5.2	<0.5	--	--	--	--	880
	2/15/00	7.69	655.62	130	0.6	<0.5	3.8	<0.5	--	--	--	--	790
	4/26/00	7.42	655.89	120	0.9	<0.5	10	1.7	--	--	--	--	730
	8/14/00	8.57	654.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	3.5
	11/13/00	8.60	654.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	170	<0.5	<0.5	630
	1/16/01	7.88	655.43	240	14	<2.0	4.2	<2.0	<2.0	370	<2.0	<2.0	1,200
	4/24/01	6.81	656.50	84	0.6	<0.5	4.7	<0.5	<0.5	67	<0.5	<0.5	370
	7/26/01	7.65	655.66	130	<0.5	0.7	4.3	<0.5	<0.5	55	<0.5	<0.5	190
	11/13/01	8.13	655.18	160	<0.5	<0.5	4.7	<0.5	<0.5	42	<0.5	<0.5	200
	2/11/02	7.81	655.50	83	<0.5	0.5	2.9	<0.5	<0.5	100	<0.5	<0.5	210
	5/10/02	7.80	655.51	190	0.8	<0.5	13	<0.5	<0.5	230	<0.5	<0.5	220
	8/5/02	8.45	654.86	120	<0.5	<0.5	4	<0.5	<0.5	18	<0.5	<0.5	330
	12/2/02	7.77	655.54	210	0.5	<0.5	9.2	<0.5	<0.5	150	<0.5	<0.5	410
	2/18/03	7.12	656.19	260	0.8	0.6	13	<0.5	<0.5	6.7	<0.5	<0.5	260
	4/29/03	6.67	656.64	280	1.1	1.2	17	2	<0.5	32	<0.5	<0.5	130
	8/5/03	7.51	655.80	140	<0.5	<0.5	9.3	<0.5	<0.5	7.9	<0.5	<0.5	240
	12/17/03	7.48	655.83	230	0.8	<0.5	11	<0.5	<0.5	22	<0.5	<0.5	160
	2/13/04	7.03	656.28	241	<1.0	<5.0	7.9	<5.0	<1.0	<10	<1.0	<1.0	88
	5/20/04	7.16	656.15	168	<1.0	<5.0	10	<5.0	<1.0	10	<1.0	<1.0	66
	8/17/04	8.01	655.30	146	<1.0	<5.0	9.7	<5.0	<1.0	<10	<1.0	<1.0	63
	11/1/04	6.55	656.76	127	<1.0	<5.0	8.2	<5.0	<1.0	<10	<1.0	<1.0	55
	1/7/05	6.81	656.50	183	<1.0	<5.0	22	<5.0	<1.0	<10	<1.0	<1.0	35
	4/15/05	5.86	657.45	297	<1.0	<5.0	48	<5.0	<1.0	<10	<1.0	<1.0	37
	7/25/05	6.15	657.16	288	<1.0	<5.0	38	<5.0	<1.0	<10	<1.0	<1.0	35
	10/28/05	6.34	656.97	214	<1.0	<5.0	22	<5.0	<1.0	<10	<1.0	<1.0	29
	1/20/06	6.33	656.98	420	<0.50	<0.50	23	0.80	<0.50	<5.0	<0.50	<0.50	29
	4/14/06	5.76	657.55	590	0.62	<0.50	35	1.1	<0.50	<5.0	<0.50	<0.50	29

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-9 Cont'd 663.31	7/21/06	6.89	656.42	430	0.62	<0.50	22	0.72	<0.50	<5.0	<0.50	<0.50	33
	10/23/06	7.33	655.98	190	<0.50	<0.50	5	<0.50	<0.50	<5.0	<0.50	<0.50	32
	2/12/07	7.03	656.28	330	<0.50	<0.50	14	<0.50	<0.50	<5.0	<0.50	<0.50	28
	6/4/07	7.44	655.87	600	0.59	<0.50	19	0.59	<0.50	<5.0	<0.50	<0.50	25
	9/14/07	7.91	655.40	450	<0.50	<0.50	14	<0.50	<0.50	<5.0	<0.50	<0.50	23
	12/10/07	7.46	655.85	260	<0.50	0.63	7.4	2.1	<0.50	<5.0	<0.50	<0.50	24
	3/31/08	6.50	656.81	240	<0.50	<0.50	8.5	<0.50	<0.50	<5.0	<0.50	<0.50	18
	5/30/08	7.57	655.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	11
	9/22/08	8.79	654.52	210	<0.50	<0.50	5.6	<0.50	<0.50	<5.0	<0.50	<0.50	21
	12/22/08	7.06	656.25	<50	<0.50	<0.50	<0.5	<0.50	<0.50	<5.0	<0.50	<0.50	13
	3/30/09	6.60	656.71	71	<0.50	<0.50	<0.5	<0.50	<0.50	<5.0	<0.50	<0.50	10
	5/14/09 ¹	7.32	655.99	150	<0.50	<0.50	2.0	<0.50	<0.50	<5.0	<0.50	<0.50	10
	8/10/09	8.69	654.62	95	<0.50	<0.50	1.6	<0.50	<0.50	<5.0	<0.50	<0.50	14
	11/20/09	12.45	650.86	72	<0.50	<0.50	0.80	<0.50	<0.50	<5.0	<0.50	<0.50	18
	4/29/10 ¹	6.23	657.08	150	<0.50	<0.50	4.8	<0.50	<0.50	<5.0	<0.50	<0.50	7.4
	12/1/10	7.05	656.26	60	<0.50	<0.50	1.4	<0.50	<0.50	<5.0	<0.50	<0.50	10
	6/20/11	6.70	656.61	NOT SAMPLED									
	12/16/11	6.73	656.58	<50	<0.50	<0.50	0.96	<0.50	<0.50	<5.0	<0.50	<0.50	9.1
MW-10 659.51	5/14/98	NM	NM	--	--	--	--	--	--	--	--	--	--
	6/1/98	8.24	651.27	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.7
	8/12/98	8.77	650.74	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	12/2/98 ^{NP}	8.84	650.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/17/99 ^{NP}	8.32	651.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.3
	5/12/99 ^{NP}	8.58	650.93	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99 ^{NP}	9.69	649.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	11/11/99 ^{NP}	9.93	649.58	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00 ^{NP}	9.32	650.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	0.5
	4/26/00 ^{NP}	8.84	650.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/14/00 ^{NP}	10.54	648.97	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	11/13/00 ^{NP}	11.88	647.63	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	1/16/01 ^{NP}	10.85	648.66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/24/01 ^{NP}	9.21	650.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	7/26/01 ^{NP}	10.75	648.76	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.2
	11/13/01 ^{NP}	11.37	648.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	2/11/02 ^{NP}	10.79	648.72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	5/10/02	10.80	648.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	8/5/02	12.71	646.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	12/2/02	11.27	648.24	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	2/18/03	10.03	649.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	4/29/03	9.41	650.10	<50	<0.5	1.3	<0.5	1.8	<0.5	<5.0	<0.5	<0.5	<0.5
	8/5/03	10.97	648.54	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	4.4
	12/17/03	10.76	648.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.0
	2/13/04	10.09	649.42	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	10.40	649.11	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	8/17/04	11.89	647.62	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	11/1/04	8.52	650.99	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/7/05	8.22	651.29	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	4/15/05	8.65	650.86	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	7/25/05	9.69	649.82	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	10/28/05	9.79	649.72	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/20/06	9.93	649.58	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	<0.50
	4/14/06	8.78	650.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	7/21/06	10.46	649.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	10/23/06	10.88	648.63	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	2/12/07	9.16	650.35	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	10.41	649.10	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	10.97	648.54	<50	<0.50	<0.50	<0.50	0.54	<0.50	<5.0	<0.50	<0.50	<0.50
	12/10/07	10.44	649.07	130	<0.50	4.3	<0.50	7.0	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	9.10	650.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	10.68	648.83	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-10 Cont'd 659.51	9/22/08	12.88	646.63	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	9.30	650.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/30/09	9.10	650.41	<50	<0.50	1.9	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09	10.34	649.17	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/11/09	13.60	645.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	WELL DRY - NOT PURGED OR SAMPLED											
	4/29/10	8.73	650.78	<50	<0.50	<0.50	<0.50	0.87	<0.50	<5.0	<0.50	<0.50	<0.50
	12/1/10	9.92	649.59	<50	0.63	1.5	0.89	5.0	<0.50	<5.0	<0.50	<0.50	<0.50
	6/20/11	9.97	649.54	NOT SAMPLED									
	12/16/11	9.54	649.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
MW-11 664.19	5/14/98	NM	NM	--	--	--	--	--	--	--	--	--	--
	6/1/98	6.68	657.51	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	5.5
	8/12/98	7.58	656.61	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	8.2
	12/2/98	7.72	656.47	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	6.6
	2/17/99	7.18	657.01	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	3.5
	5/12/99	7.38	656.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.3
	8/4/99	8.44	655.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	3.4
	11/11/99	8.84	655.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	13
	2/15/00	8.13	656.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	11
	4/26/00	7.84	656.35	<50	<0.5	1.2	<0.5	1.3	--	--	--	--	5.0
	8/14/00	9.07	655.12	190	<0.5	<0.5	5.4	<0.5	<0.5	150	<0.5	<0.5	1,200
	11/13/00	8.91	655.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	7.6
	1/16/01	8.28	655.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	4.7
	4/24/01	7.30	656.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.4
	7/26/01	7.99	656.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.9
	11/13/01	8.48	655.71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.0
	2/11/02	8.23	655.96	<50	<0.5	<0.5	<0.5	<0.5	<0.5	6.2	<0.5	<0.5	10
	5/10/02	8.25	655.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	1.8
	8/5/02	8.96	655.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.4
	12/2/02	8.25	655.94	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	3.4
	2/18/03	7.62	656.57	<50	<0.5	0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.8
	4/29/03	7.12	657.07	<50	<0.5	1.2	<0.5	1.2	<0.5	<5.0	<0.5	<0.5	1.9
	8/5/03	8.00	656.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.3
	12/17/03	7.88	656.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	2.1
	2/13/04	7.45	656.74	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	7.63	656.56	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	8/17/04	8.55	655.64	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	11/1/04	7.02	657.17	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/7/05	6.33	657.86	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	4/15/05	6.31	657.88	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	7/25/05	6.55	657.64	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	10/28/05	6.78	657.41	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/20/06	6.75	657.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	6.16	658.03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	7/21/06	7.30	656.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	10/23/06	7.75	656.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	2/12/07	7.54	656.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	8.00	656.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/14/07	8.51	655.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/10/07	8.15	656.04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.70
	3/31/08	7.13	657.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/30/08	8.10	656.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	8.41	655.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	1.8
	12/22/08	7.87	656.32	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	1.3
	3/30/09	7.29	656.90	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09	7.85	656.34	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/10/09	9.38	654.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.56
	11/20/09	14.26	649.93	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	6.6
	4/29/10	6.82	657.37	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/1/10	7.62	656.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/20/11	7.05	657.14	NOT SAMPLED									
	12/16/11	7.22	656.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 1
SUMMARY OF GROUNDWATER QUALITY AND ELEVATION DATA

7-Eleven Store No. 16439

All concentrations in micrograms per liter (ug/L).

Well No./TOC (ft/MSL)	Date	DTW (ft)	GW Elev. (ft/MSL)	TPHg	B	T	E	X	TAME	TBA	DIPE	ETBE	MTBE
MW-12 662.72	5/14/98	NM	NM	--	--	--	--	--	--	--	--	--	--
	6/1/98	9.58	653.14	1,100	3.0	<0.5	16	27	--	--	--	--	110
	8/12/98	10.28	652.44	260	1.4	<0.5	4.3	5.7	--	--	--	--	41
	12/2/98	10.52	652.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	1.6
	2/17/99	10.42	652.30	72	<0.5	<0.5	1.0	1.3	--	--	--	--	6.9
	5/12/99	10.50	652.22	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	8/4/99	10.84	651.88	<50	<0.5	<0.5	1.7	2.2	--	--	--	--	<0.5
	11/11/99	10.90	651.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5
	2/15/00	10.78	651.94	<50	<0.5	<0.5	0.5	<0.5	--	--	--	--	2.5
	4/26/00	10.72	652.00	<50	<0.5	<0.5	0.8	0.6	--	--	--	--	2.7
	8/14/00	11.18	651.54	330	2.1	2.9	16	19	<0.5	20	<0.5	<0.5	8.5
	11/13/00	11.45	651.27	860	4.4	<0.5	37	35	<0.5	<5.0	<0.5	<0.5	5.2
	1/16/01	11.26	651.46	<50	<0.5	<0.5	0.8	0.7	<0.5	<5.0	<0.5	<0.5	0.5
	4/24/01	10.67	652.05	450	1.0	<0.5	18	15	<0.5	55	<0.5	<0.5	140
	7/26/01	11.11	651.61	370	1.1	<0.5	18	17	<0.5	<5.0	<0.5	<0.5	7.0
	11/13/01	11.29	651.43	360	0.8	<0.5	16	14	<0.5	<5.0	<0.5	<0.5	10
	2/11/02	11.11	651.61	72	<0.5	<0.5	6.0	3.9	<0.5	7.5	<0.5	<0.5	20
	5/10/02	11.15	651.57	<50	<0.5	<0.5	2.1	1.0	<0.5	12	<0.5	<0.5	13
	8/5/02	11.38	651.34	<50	<0.5	1.0	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	3.8
	12/2/02	11.21	651.51	<50	<0.5	0.8	<0.5	<0.5	<0.5	10.0	<0.5	<0.5	35
	2/18/03	10.94	651.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5	<0.5	6.6
	4/29/03	10.70	652.02	<50	<0.5	<0.5	0.5	<0.5	<0.5	<5.0	<0.5	<0.5	12
	8/5/03	11.14	651.58	<50	<0.5	<0.5	0.5	<0.5	<0.5	<5.0	<0.5	<0.5	7.1
	12/17/03	11.17	651.55	<50	<0.5	<0.5	0.5	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5
	2/13/04	10.96	651.76	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	5/20/04	10.98	651.74	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	1.0
	8/17/04	11.27	651.45	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	11/1/04	10.64	652.08	79	<1.0	<5.0	7.3	<5.0	<1.0	<10	<1.0	<1.0	13
	1/7/05	10.32	652.40	51	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	11
	4/15/05	10.45	652.27	70	<1.0	<5.0	6.1	<5.0	<1.0	<10	<1.0	<1.0	11
	7/25/05	10.79	651.93	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	2.7
	10/28/05	10.88	651.84	<50	<1.0	<5.0	<5.0	<5.0	<1.0	<10	<1.0	<1.0	<1.0
	1/20/06	10.91	651.81	59	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/14/06	10.66	652.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.83
	7/21/06	11.06	651.66	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	10/23/06	11.23	651.49	96	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	2/12/07	11.12	651.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/4/07	11.19	651.53	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.71
	9/14/07	11.35	651.37	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/10/07	11.19	651.53	<50	<0.50	0.85	<0.50	1.6	<0.50	<5.0	<0.50	<0.50	<0.50
	3/31/08	10.93	651.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	1.1
	5/30/08	11.81	650.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	9/22/08	12.22	650.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	12/22/08	10.80	651.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	3/30/09 ¹	11.23	651.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	5/14/09	11.92	650.80	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	8/10/09	12.45	650.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	11/20/09	15.00	647.72	240	<0.50	<0.50	4.5	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	4/29/10 ¹	11.02	651.70	<50	<0.50	<0.50	0.71	0.69	<0.50	<5.0	<0.50	<0.50	<0.50
	12/1/10	11.19	651.53	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
	6/20/11	11.50	651.22	NOT SAMPLED									
	12/16/11	11.11	651.61	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50

Shaded area represents data obtained during this phase of work.

TOC = Top of Casing
 No. = Number
 ft/MSL = Feet above/mean sea level
 DTW = Depth to water
 TPHg = Total petroleum hydrocarbons characterized as gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Total Xylenes
 TAME = T-amyl methyl ether

TBA = T-butyl alcohol
 DIPE = Di isopropyl ether
 ETBE = Ethyl-t-butyl ether
 MTBE = Methyl-t-butyl ether
 NP = No purge sample obtained
 NM = Not measured
 -- = Not analyzed
 <# = Results below laboratory reporting limits.
¹ = Well purged and sampled one day after gauging.

TABLE 2
WELL CONSTRUCTION SUMMARY
 7-Eleven Store No. 16439

Well Identification	Date of Construction	Borehole Total Depth (feet bgs)	Screened Interval (feet bgs)	Well Casing Diameter (inches)
MW-1	12/20/93	37	20-36	2
MW-2	unknown	22	unknown	4
MW-3	unknown	17	unknown	4
MW-4	unknown	25	unknown	4
MW-5	unknown	25	unknown	4
MW-6	unknown	25	unknown	4
MW-7	08/28/97	25	5-25	4
MW-8	08/28/97	25	5-25	2
MW-9	08/29/97	25	5-25	2
MW-10	04/28/98	22	2-22	2
MW-11	04/01/98	25	5-25	2
MW-12	04/28/98	25	5-25	2
VE-1/AS-1	10/01/98	20	4-10/18-20	4/1
VE-2/AS-2	10/01/98	20	4-10/18-20	4/1
VE-3/AS-3	10/01/98	20	4-10/18-20	4/1
VE-4/AS-4	10/20/99	14.5	4-10/12.5-14.5	4/1
VE-5/AS-5	10/20/99	14.5	4-10/12.5-14.5	4/1
VE-6/AS-6	10/20/99	17.5	4-10/15.5-17.5	4/1
VE-7/AS-7	10/20/99	20	4-10/18-20	4/1
VE-8/AS-8	10/20/99	17	4-10/15-17	4/1

Notes:

bgs = Below ground surface

TABLE 3
SOIL VAPOR EXTRACTION SYSTEM SAMPLE ANALYTICAL RESULTS
7-Eleven Store No. 16439
All concentrations in parts per million by volume (ppmv).

Vapor Sample Identification	Sampling Date	Total Volatile Hydrocarbons	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
Influent (No Dilution)	02/17/00	8,100	170	230	37	160	<5.0
Process (With Dilution)		1,100	18	43	4.700	21	<0.5
Effluent		2.9	0.021	0.025	0.003	0.016	0.004
Influent (No Dilution)	03/02/00	6,400	96	370	27	100	66
Process (With Dilution)		650	6.0	44	12	60	<0.5
Effluent		<0.1	<0.001	<0.001	<0.001	<0.001	0.013
Influent (No Dilution)	04/03/00	1,300	11	60	14	120	15.000
Process (With Dilution)		50	0.400	2.500	0.440	3.600	0.740
Effluent		2.4	0.006	0.056	0.038	0.170	0.010
Influent (No Dilution)	05/02/00	3,800	15	71	16	220	11
Process (With Dilution)		350	1.300	6.100	1.300	19	0.900
Effluent		1.6	<0.001	0.008	0.002	0.020	<0.001
Influent (No Dilution)	06/07/00	590	4.400	20	2.400	110	3.200
Process (With Dilution)		84	0.590	2.200	0.360	10	0.420
Effluent		1.3	0.003	0.058	0.006	0.034	<0.001
Influent (No Dilution)	07/03/00	290	2.400	8.800	4.700	130	2.700
Process (With Dilution)		91	0.800	3.500	1.800	34	0.900
Effluent		1.1	0.002	0.024	0.002	0.016	0.038
Influent (No Dilution)	08/03/00	230	0.800	5.000	1.700	46	1.600
Process (With Dilution)		24	0.070	0.470	0.200	5.400	0.130
Effluent		1.0	0.002	0.028	0.004	0.068	0.002
Influent (No Dilution)	09/06/00	470	1.500	5.000	2.400	69	1.700
Process (With Dilution)		140	0.500	2.200	1.000	19	0.700
Effluent		2.4	0.002	0.023	0.004	0.05	<0.001
Influent (No Dilution)	10/05/00	260	0.200	1.300	0.400	11.000	1.000
Process (With Dilution)		150	0.200	0.710	0.160	7.600	0.540
Effluent		3.0	0.002	0.03	0.005	0.033	0.002
Influent (No Dilution)	11/02/00	43	0.110	0.440	0.130	3.500	0.360
Process (With Dilution)		58	0.220	0.970	0.200	10.000	0.670
Effluent		0.5	<0.001	0.005	0.002	0.022	0.002
Influent (No Dilution)	12/04/00	58	0.070	0.860	0.230	4.200	3.300
Process (With Dilution)		52	0.050	0.750	0.200	3.600	2.000
Effluent		1.0	<0.001	0.006	<0.001	0.007	<0.001
Influent (No Dilution)	01/04/01	25	0.040	0.006	<0.001	0.007	<0.001
Process (With Dilution)		24	0.040	0.130	0.040	1.900	2.000
Effluent		0.6	<0.001	0.014	0.001	0.013	0.004

TABLE 3
SOIL VAPOR EXTRACTION SYSTEM SAMPLE ANALYTICAL RESULTS
7-Eleven Store No. 16439
All concentrations in parts per million by volume (ppmv).

Vapor Sample Identification	Sampling Date	Total Volatile Hydrocarbons	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
Influent (No Dilution)	02/07/01	20	0.060	0.150	0.030	0.850	5.600
Process (With Dilution)		17	0.040	0.100	0.020	0.660	3.100
Effluent		0.8	<0.001	0.005	<0.001	0.007	0.014
Influent (No Dilution)	03/08/01	4.2	0.02	0.08	0.02	0.15	0.06
Process (With Dilution)		1.0	0.001	0.017	<0.001	0.009	0.008
Effluent		0.8	0.001	0.014	0.002	0.023	0.034
Influent (No Dilution)	05/03/01	0.6	0.012	0.005	<0.004	0.016	0.034
Process (With Dilution)		<0.4	<0.004	0.005	<0.004	<0.004	0.005
Effluent		0.7	<0.004	0.004	<0.004	<0.004	<0.004
Influent (No Dilution)	06/12/01	5.6	<0.001	0.005	0.003	0.03	0.17
Process (With Dilution)		1.1	<0.001	0.004	0.002	0.011	0.048
Effluent		0.3	<0.001	0.003	<0.001	0.004	<0.001
Influent (No Dilution)	08/06/01	4.5	0.001	0.025	<0.001	0.012	0.27
Process (With Dilution)		2.5	<0.001	0.055	<0.001	0.006	0.10
Effluent		0.3	<0.001	0.003	<0.001	0.004	<0.001
Source	07/09/03	20	0.08	0.63	0.07	0.48	1.9
Process		1.6	0.007	0.051	0.006	0.044	0.14
Effluent		0.18	<0.001	0.003	<0.001	0.011	0.002
Source	08/12/03	16	<0.1	0.4	<0.1	0.8	0.8
Process		0.22	<0.003	0.011	<0.003	<0.005	<0.005
Effluent		0.48	<0.003	0.003	0.004	0.038	<0.005
Mid #1		0.26	<0.003	<0.003	0.007	0.061	<0.005
Mid #2		0.37	<0.003	0.003	0.016	0.11	<0.005
Source	10/21/03	7.3	<0.001	0.005	0.002	0.074	0.02
Process/Effluent		0.4	<0.0005	0.0047	0.0021	0.027	<0.0005
Process	11/04/03	2.9	<0.0005	<0.0005	<0.0005	0.011	0.011
Effluent		1.1	<0.0005	<0.0005	<0.0005	0.0044	1.1
Source	12/02/03	1.3	<0.0005	0.014	<0.0005	0.0075	0.0059
Process		<0.1	<0.0005	0.0039	<0.0005	<0.0005	<0.0005
Effluent		<0.1	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Source	02/18/04	<5.0	0.026	0.049	0.0093	0.0436	0.03
Process		<5.0	0.046	0.073	0.016	0.065	0.142
Effluent		<5.0	0.045	0.032	0.004	0.014	<0.001
Source	03/02/04	<5.0	<0.001	<0.001	<1.0	<5.0	<5.0
Process		<5.0	<0.001	<0.001	<0.001	<0.002	<0.001
Effluent		<5.0	<0.001	<0.001	<0.001	0.0129	<0.001

TABLE 3
SOIL VAPOR EXTRACTION SYSTEM SAMPLE ANALYTICAL RESULTS
7-Eleven Store No. 16439
All concentrations in parts per million by volume (ppmv).

Vapor Sample Identification	Sampling Date	Total Volatile Hydrocarbons	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE
Source	04/07/04	<5.0	<0.001	0.026	0.0064	0.125	<0.001
Process		<5.0	<0.001	0.036	0.0057	0.037	<0.001
Effluent		<5.0	<0.001	0.026	0.0073	0.067	<0.001
Source	05/12/04	2.4	<0.001	0.02	0.011	0.132	<0.001
Process		3.7	<0.001	0.0014	0.0015	0.0169	<0.001
Effluent		1.2	<0.001	0.016	0.0055	0.042	<0.001
Source	06/02/04	<1.0	<0.001	0.0081	<0.001	0.0047	<0.001
Process		<1.0	<0.001	0.0032	<0.001	0.0063	<0.001
Effluent		<1.0	<0.001	0.0066	<0.001	0.0096	<0.001
Source	07/27/04	2.8	<0.001	0.028	0.056	0.596	<0.001
Process		<1.0	<0.001	0.0028	<0.001	0.0074	<0.001
Effluent		<1.0	<0.001	0.0048	<0.001	0.0208	<0.001
Source	08/10/04	1.1	0.025	0.098	0.013	0.116	0.018
Process		<1.0	<0.001	0.027	0.0031	0.0086	<0.001
Effluent		<1.0	<0.001	0.066	0.016	0.109	<0.001
Source	09/02/04	<1.0	0.0074	0.03	<0.001	0.0098	<0.001
Process		<1.0	0.023	0.054	<0.001	0.023	<0.001
Effluent		<1.0	<0.001	<0.001	<0.001	<0.002	<0.001
Source	10/07/04	<1.0	<0.001	0.039	0.004	0.15	<0.001
Process		<1.0	<0.001	0.022	<0.001	<0.001	<0.001
Mid #1		<1.0	<0.001	<0.001	<0.001	0.0029	<0.001
Mid #2		<1.0	<0.001	<0.001	<0.001	<0.001	0.149
Effluent		<1.0	<0.001	<0.001	<0.001	0.019	<0.001
Source	11/03/04	1.3	<0.001	0.0093	<0.001	0.019	1.320
Mid #1		<1.0	0.025	0.066	<0.001	0.092	0.760
Mid #2		<1.0	<0.001	0.019	<0.001	0.026	0.302
Effluent		<1.0	<0.001	0.019	<0.001	0.021	0.167

Notes:

< = Less than detection limit shown

MTBE = Methyl-t-butyl ether

ATTACHMENTS

ATTACHMENT A

GAUGING/PURGING/SAMPLING FIELD LOGS

MONITORING WELL GAUGING LOG

Site Name & Facility No: **7-11 #16439**

Date: 12/16/2011

Project Number: 211701006.220.0700

Field Representative(s):

10, 11, 12, 8, 9 - 2, 3, 7, 4

Checked by: *[Signature]*

Well No.	Previous QTR DTW	Gauging Time	Depth to Floating Product	Depth to Water (ft)	Floating Product Thickness	Total Casing Depth (ft)	Casing Elevation ¹	Groundwater Elevation ¹	Corrected Groundwater Elevation ^{1*}	Comments
MW-1	NM					NM	668.00			Do Not Gauge - Improper Screen Interval
MW-2	5.81	0842		6.15		20.12	669.38	663.23		
MW-3	4.70	0845		4.58		16.80	668.72	664.14		
MW-4	4.80	0849		4.00		25.51	669.74	665.68		
MW-7	5.70	0847		5.73		25.60	667.78	662.05		
MW-8	6.59	0837		6.94		25.15	663.76	656.82		
MW-9	6.70	0840		6.73		23.50	663.31	656.58		
MW-10	9.97	0830		9.54		21.39	659.51	649.97		
MW-11	7.05	0838		7.22		25.18	664.19	656.97		
MW-12	11.50	0835		11.11		23.34	662.72	651.61		

Notes: 1 = feet above mean sea level unless noted otherwise

* = elevation adjusted by adding (.75 x product thickness) to measured water elevation

- = not measured due to the presence of liquid-phase hydrocarbons

Sheen = discontinuous, non-measurable thickness of LPH

Trace = continuous, non-measurable thickness of LPH

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-2		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>g</i>		Checked by: <i>McConnell</i> License #: <i>7205</i>		
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 10 12					Water Level Meter Type and ID: <i>BP2</i>		
Casing Diameter (in.) (CD): 2 4 6 8					pH/Temp/Conductivity Meter Type and ID: <i>BP1</i>		
Total Well Depth (ft.) (WD): 20.12			Product Thickness (ft.): <i>0</i>		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): <i>10.15</i>			Time measured: <i>0842</i>				
Water Column (ft.) (WC=WD-DTW1): <i>13.97</i>			Filter Pack Porosity (P): 0.25		☐ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)							
1 Borehole Volume (gals): <i>21.19</i> 1/2 Borehole Volume (gals): <i>10.60</i>					Sample Equipment: Decon Method: ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:		
* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<i>0942</i>							
<i>0953</i>	<i>17.90</i>	<i>11.75</i>	<i>215</i>	<i>227ms</i>	<i>23.9</i>	<i>7.17</i>	<i>cloudy / NO ODOR</i>
<i>1000</i>	<i>20.12</i>	<i>13.97</i>	<i>11</i>	<i>226ms</i>	<i>23.8</i>	<i>7.20</i>	<i>" "</i>
<i>1015</i>	<i>8.94</i>		<i>8mp</i>				
Total Water Purged (gal): <i>32.5 / 13</i>				Maximum Drawdown Depth (DTW2; feet below TOC): <i>20.12</i>			
Average pumping rate (gpm): <i>8.50</i>				Drawdown Water Column = (DTW2-DTW1) = <i>(20.12) - (10.15) = 13.97</i>			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = DTW1 + (0.2)(Drawdown Water Column)					Well Recovery Type: ☒ Fast ☐ Slow		
80% recovery of drawdown from purging = <i>10.15 + (0.2)(13.97) = 8.94</i>							
SAMPLING INFORMATION							
Time of Sample: <i>1015</i>			Depth to Water at Time of Sampling (DTW3): <i>8.94</i>				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(10.15) - (8.94)}{(10.15) - (20.12)} = \frac{2.79}{13.97} = $ <i>20%</i>				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives		Analytical Methods to Perform		
3	40mL VOAs	N	HCL & ICE or None		TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)		

1237 / 1255 / 1310

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-3		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>SL</i>		Checked by: <i>M. McInnell</i> License #: <i>7205</i>		
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 10 12					Water Level Meter Type and ID: <i>BP 2</i>		
Casing Diameter (in.) (CD): 2 4 6 8					pH/Temp/Conductivity Meter Type and ID: <i>BP</i>		
Total Well Depth (ft.) (WD): 16.80			Product Thickness (ft.): <i>0</i>		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): <i>4.54</i>			Time measured: <i>0 845</i>				
Water Column (ft.) (WC=WD-DTW1): <i>12.22</i>			Filter Pack Porosity (P): 0.25		Sample Equipment: ☐ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				Decon Method: ☒ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:
1 Borehole Volume (gals): <i>18.54</i> 1/2 Borehole Volume (gals): <i>9.27</i>							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<i>1042</i>	<i>16.80</i>	<i>12.22</i>	<i>19</i>	<i>1775 us</i>	<i>24.0</i>	<i>7.35</i>	<i>cloudy / 180</i>
<i>1115</i>	<i>16.80</i>	<i>12.22</i>	<i>9.5</i>	<i>1756 us</i>	<i>24.2</i>	<i>7.37</i>	<i>" "</i>
<i>1146</i>	<i>7.08</i>	<i>---</i>	<i>gmp</i>	<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>
<i>1234</i>	<i>GOES DRY @</i>	<i>ABOUT</i>	<i>13 GAL</i>	<i>WILL SHUT OFF</i>	<i>FOR 10 MIN @ A</i>	<i>---</i>	<i>---</i>
	<i>TIME TELL GET FULL PURGE.</i>	<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>	<i>---</i>
Total Water Purged (gal): <i>28.5 / 64</i>				Maximum Drawdown Depth (DTW2; feet below TOC): <i>16.80</i>			
Average pumping rate (gpm): <i>.45</i>				Drawdown Water Column = (DTW2-DTW1) = <i>(16.80) - (4.58) = 12.22</i>			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = DTW1 + (0.2)(Drawdown Water Column)					Well Recovery Type: ☒ Fast ☐ Slow		
80% recovery of drawdown from purging = <i>4.54</i> + (0.2)(<i>12.22</i>) = <i>7.02</i>							
SAMPLING INFORMATION							
Time of Sample: <i>1234</i>			Depth to Water at Time of Sampling (DTW3): <i>7.02</i>				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(4.58) - (7.02)}{(4.58) - (16.80)}$ <i>260</i> <i>80%</i>				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives		Analytical Methods to Perform		
<i>3</i>	<i>40mL VOAs</i>	<i>N</i>	<i>HCL & ICE or None</i>		<i>TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)</i>		

1335 / 1445 / 1533

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-4		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>BA</i>	Checked by: <i>McMullin</i>	License #: 7205		
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 10 12					Water Level Meter Type and ID: BP 2		
Casing Diameter (in.) (CD): 2 4 6 8					pH/Temp/Conductivity Meter Type and ID: BP 1		
Total Well Depth (ft.) (WD): 25.51			Product Thickness (ft.): 0		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): 4.06			Time measured: 0949				
Water Column (ft.) (WC=WD-DTW1): 21.45			Filter Pack Porosity (P): 0.25		☒ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				
Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.):							
2 8 0.779 * (WC)							
4 10 1.517 * (WC)							
1 Borehole Volume (gals): 32.54			Sample Equipment: Decon Method: ☒ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:				
1/2 Borehole Volume (gals): 16.27							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☐ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☒ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
1343							
1346	19.00	14.94	16.5	187105	25.6	7.39	CLOUDY / STROKES
1403	25.51	21.45	0	183805	25.5	7.40	" "
1603	23.99		8MP				
1853	D&Y @	22 GAL	WILL SHUT OFF PUMP FOR TEN MIN TO SEE HOW MUCH COMES BACK TO PURGE MORE ONLY ABLE TO GET 2 MORE GALS STOPPED PURGE WILL WAIT 2HR				
Total Water Purged (gal): 24.5/20				Maximum Drawdown Depth (DTW2; feet below TOC): 25.51			
Average pumping rate (gpm): 1.23				Drawdown Water Column = (DTW2-DTW1) = (25.51) - (4.06) = 21.45			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = $DTW1 + (0.2)(\text{Drawdown Water Column})$				Well Recovery Type: ☐ Fast ☒ Slow			
80% recovery of drawdown from purging = $4.06 + (0.2)(21.45) = 8.35$							
SAMPLING INFORMATION							
Time of Sample: 1603			Depth to Water at Time of Sampling (DTW3): 23.99				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{4.06 - (23.99)}{4.06 - (25.51)} = 0.7$ 07 %				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	HCL & ICE or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

0953/1013/1214 10% 22 GAL 1603

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-7		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>SA</i>		Checked by: <i>McLennell</i>	License #: <i>7205</i>	
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 (10) 12					Water Level Meter Type and ID: <i>B⁰ 2</i>		
Casing Diameter (in.) (CD): 2 (4) 6 8					pH/Temp/Conductivity Meter Type and ID: <i>B⁰ 1</i>		
Total Well Depth (ft.) (WD): 25.60			Product Thickness (ft.): <i>0</i>		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): <i>5.73</i>			Time measured: <i>0447</i>				
Water Column (ft.) (WC=WD-DTW1): <i>19.87</i>			Filter Pack Porosity (P): 0.25		☐ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations, Porosity is expressed in decimal form.				Sample Equipment: Decon Method: ☒ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:
1 Borehole Volume (gals): <i>30.14</i> 1/2 Borehole Volume (gals): <i>15.07</i>							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<i>1257</i>							
<i>1305</i>	<i>21.45</i>	<i>15.72</i>	<i>30.5</i>	<i>8.50 ms</i>	<i>24.2</i>	<i>7.08</i>	<i>yellowish/light color</i>
<i>1314</i>	<i>25.60</i>	<i>19.87</i>	<i>15.5</i>	<i>2.40 ms</i>	<i>24.0</i>	<i>7.09</i>	<i>" "</i>
<i>1330</i>	<i>9.70</i>	<i>---</i>	<i>smP</i>				
Total Water Purged (gal): <i>46.17</i>				Maximum Drawdown Depth (DTW2; feet below TOC): <i>25.60</i>			
Average pumping rate (gpm): <i>2.71</i>				Drawdown Water Column = (DTW2-DTW1) = <i>25.60 - (5.73) = 19.87</i>			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = $DTW1 + (0.2)(\text{Drawdown Water Column})$					Well Recovery Type: ☒ Fast ☐ Slow		
80% recovery of drawdown from purging = <i>5.73 + (0.2)(19.87) = 9.70</i>							
SAMPLING INFORMATION							
Time of Sample: <i>1330</i>			Depth to Water at Time of Sampling (DTW3): <i>9.70</i>				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(5.73) - (9.70)}{(5.73) - (25.60)} = \frac{13.97}{19.87} = 80\%$				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	HCL & ICE or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1355 / 1420 / 1434

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-8		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>DK</i>	Checked by: <i>Michael</i>	License #: 7205		
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 <u>8</u> 10 12					Water Level Meter Type and ID: <i>BP-1</i>		
Casing Diameter (in.) (CD): <u>2</u> 4 6 8					pH/Temp/Conductivity Meter Type and ID: <i>EL-4</i>		
Total Well Depth (ft.) (WD): 25.15			Product Thickness (ft.): <u>0</u>		☒ Submersible Pump Purge Equipment: ☐ Bailor ☐ Other:		
Static Water Level (ft.) (DTW1): <u>6.94</u>			Time measured: <u>0437</u>				
Water Column (ft.) (WC=WD-DTW1): <u>18.21</u>			Filter Pack Porosity (P): 0.25		Sample Equipment: ☐ Teflon Bailor ☐ Disposable Bailor ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				Decon Method: ☒ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:
1 Borehole Volume (gals): <u>14.18</u> 1/2 Borehole Volume (gals): <u>7.09</u>							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☐ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☒ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Measured Parameters			
				Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<i>1242</i>							
<i>1245</i>	<i>19.01</i>	<i>12.67</i>	<i>14.575</i>	<i>2.82mS</i>	<i>24.3</i>	<i>7.07</i>	<i>CLR. & ODOR</i>
<i>1347</i>	<i>25.00</i>	<i>18.06</i>	<i>75.7</i>	<i>2.81mS</i>		<i>7.14</i>	<i>" "</i>
<i>1547</i>	<i>21.81</i>		<i>SAMPLE</i>				
<i>DRY @</i>	<i>10.5 GAL TURN OFF PUMP. ALLOW RE-CHARGE - CONTINUE PURGE</i>						
Total Water Purged (gal): <i>145/165</i>				Maximum Drawdown Depth (DTW2; feet below TOC): <i>25.00</i>			
Average pumping rate (gpm): <i>22</i>				Drawdown Water Column = (DTW2-DTW1) = <i>25.00 - 6.94 = 18.06</i>			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = DTW1 + (0.2)(Drawdown Water Column)					Well Recovery Type: ☐ Fast ☒ Slow		
80% recovery of drawdown from purging = <i>6.94 + (0.2)(18.06) = 10.55</i>							
SAMPLING INFORMATION							
Time of Sample: <i>1547</i>			Depth to Water at Time of Sampling (DTW3): <i>21.81</i>				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(6.94) - (21.81)}{(6.94) - (25.00)} = \frac{14.87}{18.06} = 82.3\%$				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	<u>HCL & ICE</u> or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1028/ 1058 / 1258

28%

28 GAL

1547

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-9		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>JK</i>		Checked by: <i>Phyllis</i>	License #: 7205	
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 <u>8</u> 10 12					Water Level Meter Type and ID: <i>BP-1</i>		
Casing Diameter (in.) (CD): <u>2</u> 4 6 8					pH/Temp/Conductivity Meter Type and ID: <i>EL-4</i>		
Total Well Depth (ft.) (WD): 23.50			Product Thickness (ft.): <u>0</u>		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): <u>6.73</u>			Time measured: <u>0840</u>				
Water Column (ft.) (WC=WD-DTW1): <u>16.77</u>			Filter Pack Porosity (P): 0.25		☒ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				
1 Borehole Volume (gals): <u>13.06</u> 1/2 Borehole Volume (gals): <u>6.53</u>					Decon Method: ☒ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:		
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Measured Parameters			
				Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<u>1358</u>	<u>23.40</u>	<u>16.67</u>	<u>13.5</u>	<u>228 mS</u>	<u>24.4</u>	<u>7.01</u>	<u>CLR Ø ODOR</u>
<u>1404</u>	<u>23.50</u>	<u>16.77</u>	<u>7</u>	<u>2.31 mS</u>	<u>24.5</u>	<u>7.01</u>	<u>CLR Ø ODOR</u>
<u>1417</u>	<u>10.08</u>	<u>SAMPLE</u>					
<u>1457</u>							<u>-YELLOWISH-</u>
Total Water Purged (gal): <u>20.5/19</u> Average pumping rate (gpm): <u>1.07</u>							
Maximum Drawdown Depth (DTW2; feet below TOC): Drawdown Water Column = (DTW2-DTW1) = <u>(23.5) - (6.73)</u>							
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = $DTW1 + (0.2)(\text{Drawdown Water Column})$ 80% recovery of drawdown from purging = <u>$6.73 + (0.2)(16.77) = 10.08$</u>				Well Recovery Type: ☒ Fast ☐ Slow			
SAMPLING INFORMATION							
Time of Sample: <u>1457</u>			Depth to Water at Time of Sampling (DTW3): <u>10.08</u>				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(6.73) - (10.08)}{(6.73) - (23.5)} = 3.35\%$				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	<u>HCL & ICE</u> or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1224/1252/1324

80%

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-10		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>DK</i>	Checked by: <i>M. L. Miller</i>	License #: 7205		
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 10 12					Water Level Meter Type and ID: BP-1		
Casing Diameter (in.) (CD): 2 4 6 8					pH/Temp/Conductivity Meter Type and ID: EL-9		
Total Well Depth (ft.) (WD): 21.39			Product Thickness (ft.): 0		☒ Submersible Pump Purge Equipment: ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): 9.54			Time measured: 0630				
Water Column (ft.) (WC=WD-DTW1): 11.85			Filter Pack Porosity (P): 0.25		Sample Equipment: ☐ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): 2 Borehole Diameter (in.): 8 Calculated Borehole Volume (gal.): 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				Decon Method: ☐ Steam/High Pressure Wash ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:
1 Borehole Volume (gals): 9.23 1/2 Borehole Volume (gals): 4.61							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☐ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☒ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Measured Parameters			
				Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
0959	17.11	7.57	955.5	737 µS	21.9	7.50	BROWN, ODOOR
1007	21.39	11.85	84	746 µS	21.9	7.39	" "
1021	18.90	SAMPLE					
1221	DRY @ 7 GAL TURN OFF PUMP ALLOW RECHARGE - CONT. PURGE						
Total Water Purged (gal): 95/22				Maximum Drawdown Depth (DTW2; feet below TOC): 21.39			
Average pumping rate (gpm): 4.3				Drawdown Water Column = (DTW2-DTW1) = (21.39) - (9.54) = 11.85			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = $DTW1 + (0.2)(\text{Drawdown Water Column})$				Well Recovery Type: ☐ Fast ☒ Slow			
80% recovery of drawdown from purging = 9.54 + (0.2)(11.85) = 11.91							
SAMPLING INFORMATION							
Time of Sample: 1221			Depth to Water at Time of Sampling (DTW3): 18.90				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(9.54) - (18.90)}{(9.54) - (21.39)} = \frac{9.36}{11.85} = 9.36\% (2)$				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	HCL & ICE or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1000/1014/1214

19%

15.5 GAL

1221

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-11		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>DK</i>		Checked by: <i>Michael</i>	License #: 7225	
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 <u>8</u> 10 12					Water Level Meter Type and ID: <i>BP-1</i>		
Casing Diameter (in.) (CD): <u>2</u> 4 6 8					pH/Temp/Conductivity Meter Type and ID: <i>EL-4</i>		
Total Well Depth (ft.) (WD): 25.18			Product Thickness (ft.): <i>0</i>		☒ Submersible Pump Purge Equipment: ☐ Bailor ☐ Other:		
Static Water Level (ft.) (DTW1): <i>7.22</i>			Time measured: <i>0432</i>		☐ Teflon Bailor ☒ Disposable Bailor Sample Equipment: ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Water Column (ft.) (WC=WD-DTW1): <i>17.96</i>			Filter Pack Porosity (P): 0.25		☐ Steam/High Pressure Wash Decon Method: ☒ 3 Stage (Alconox, tap water, DI rinse) ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): Borehole Diameter (in.): Calculated Borehole Volume (gal.): 2 8 0.779 * (WC) 4 10 1.517 * (WC)					* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.		
1 Borehole Volume (gals): <i>13.99</i>							
1/2 Borehole Volume (gals): <i>6.99</i>							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Conductivity (µmhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
<i>1032</i>							
<i>1038</i>	<i>22.85</i>	<i>15.63</i>	<i>14</i>	<i>225 mS</i>	<i>25.4</i>	<i>6.96</i>	<i>CLR. & ODOOR</i>
<i>1045</i>	<i>22.48</i>	<i>15.26</i>	<i>7</i>	<i>226 mS</i>	<i>24.8</i>	<i>7.02</i>	<i>n u</i>
<i>1100</i>	<i>9.02</i>	<i>SAMPLE</i>					
Total Water Purged (gal): <i>21/13</i> Maximum Drawdown Depth (DTW2; feet below TOC): <i>22.85</i> Average pumping rate (gpm): <i>1.61</i> Drawdown Water Column = (DTW2-DTW1) = <i>22.85 - 7.22 = 15.63</i>							
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = $DTW1 + (0.2)(\text{Drawdown Water Column})$ 80% recovery of drawdown from purging = $7.22 + (0.2)(15.63) = 10.34$					Well Recovery Type: ☒ Fast ☐ Slow		
SAMPLING INFORMATION							
Time of Sample: <i>1100</i>			Depth to Water at Time of Sampling (DTW3):				
$\% \text{ Recovery} = 1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			$\% \text{ of Recovery} = 1 - \frac{(7.22) - (9.02)}{(7.22) - (22.85)} = 1.8 \%$				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	<u>HCL & ICE</u> or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1118/1136/1150

Stantec Consulting Corporation	WELL PURGING/SAMPLING LOG				MW-12		
	Project Name: 7-11 #16439				Well No.:		
	Project Number: 211701006.220.0700				Date: 12/16/2011		
	Project Address: 14110 Old Highway 80, El Cajon						
Well GPS:	Latitude:	Longitude:	Sampled by: <i>AM</i>		Checked by: <i>AM</i>	License #: 7205	
WELL SPECIFICATIONS & MEASUREMENTS					EQUIPMENT/METHODS		
Borehole Diameter (in.) (BD): 6 8 10 12					Water Level Meter Type and ID: BP-1		
Casing Diameter (in.) (CD): 2 4 6 8					pH/Temp/Conductivity Meter Type and ID: CL-4		
Total Well Depth (ft.) (WD): 23.34			Product Thickness (ft.): 0		Purge Equipment: ☐ Submersible Pump ☐ Bailer ☐ Other:		
Static Water Level (ft.) (DTW1): 11.11			Time measured: 0435				
Water Column (ft.) (WC=WD-DTW1): 12.23			Filter Pack Porosity (P): 0.25		Sample Equipment: ☐ Teflon Bailer ☒ Disposable Bailer ☐ Bladder Pump ☐ Centrifugal Pump ☐ Other:		
Borehole Volume (BV) Calculation *: $BV = 0.041 * [CD^2 + P(BD^2 - CD^2)] * (WC)$ Casing Diameter (in.): 2 Borehole Diameter (in.): 8 Calculated Borehole Volume (gal.): 0.779 * (WC) 4 10 1.517 * (WC)			* This equation is taken from the SAM Manual and applies to wells constructed straddling the water table only. For submerged screens, document all calculations. Porosity is expressed in decimal form.				
1 Borehole Volume (gals): 9.52 1/2 Borehole Volume (gals): 4.76							
Purging Method: ☐ Method 1, remove 3 BV, sample after well recovers 80% of total purged drawdown. ☒ Method 2, remove 1 BV, test parameters until stable per SAM Manual, sample after well recovers 80% of total purged drawdown. ☐ Method 3, Low-flow - install pump at least 2 hours prior to start of purging. Follow detailed methodology in SAM Manual. ☐ Method 4, remove 1 BV, sample after 2 hours. Note - if well recovers 80% of total purged drawdown, use another method. ☐ Method 5, non-purge method.							
PURGING INFORMATION							
Time	Depth to Water (feet below top of casing)	Drawdown (feet)	Water Volume Purged (gal)	Measured Parameters			
				Conductivity (umhos)	Temperature (°C)	pH	Water Description (odor, turbidity, color)
1124	12.95	1.84	10	240mS	23.9	6.99	CLR. & odor
1128	13.58	2.47	5	239mS	23.9	6.95	" "
1130	11.60	SAMPLE					
Total Water Purged (gal): 15.6				Maximum Drawdown Depth (DTW2, feet below TOC): 13.58			
Average pumping rate (gpm): 2.5				Drawdown Water Column = (DTW2-DTW1) = (13.58) - (11.11) = 2.47			
RECOVERY CALCULATIONS							
80% recovery of drawdown from purging = DTW1 + (0.2)(Drawdown Water Column)				Well Recovery Type: ☒ Fast ☐ Slow			
80% recovery of drawdown from purging = 11.11 + (0.2)(2.47) = 11.60							
SAMPLING INFORMATION							
Time of Sample: 1152			Depth to Water at Time of Sampling (DTW3): 11.60				
% Recovery = $1 - \frac{(DTW1) - (DTW3)}{(DTW1) - (DTW2)}$			% of Recovery = $1 - \frac{(11.11) - (11.60)}{(11.11) - (13.58)} = .49$ 80%				
Quantity	Container Type	Filtered (Y/N)	Sample Preservatives	Analytical Methods to Perform			
3	40mL VOAs	N	HCL & ICE or None	TPHg, BTEX, MTBE, DIPE, TAME, ETBE, TBA (EPA 8260B)			

1056 / 1105 / 1140

ATTACHMENT B

MONITORING WELL PURGING AND SAMPLING PROCEDURES

STANTEC MONITORING WELL PURGING AND SAMPLING PROCEDURES

Monitoring well purging and sampling methods follow procedures outlined by the County of San Diego Department of Environmental Health, Site Assessment and Mitigation Manual.

Purge Procedures

- A. Using a decontaminated instrument (i.e., tape measure, continuity meter, or interface probe) measure the depth to groundwater in reference to the measuring point at the top of the casing. Measure the total depth of the well to calculate the height and volume of water in the borehole.
- B. Decontaminate the purge pump and/or PVC bailers by scrubbing in Alconox detergent solution, followed by a tap water rinse and then a deionized water rinse.
- C. Purge, by pumping or bailing, approximately one borehole volume of groundwater as calculated according to the thickness of the water column and the diameter of the borehole.
- D. Conduct field measurements (i.e., pH and conductivity) after the approximately one borehole volume has been purged, or if the water level in the well is so low as to prevent further purging (dry).
 - 1) If the well has not been purged dry, continue to bail and/or pump one half additional borehole volumes and conduct field measurements again.
 - a) If the first and second series of measurements vary by less than 10 percent, the well has been adequately purged. Allow the well to recover to 80 percent of its static condition and begin the sampling procedure.
 - b) If the measurements vary by 10 percent or greater, repeat Step D1 above.
 - 2) If the well has been purged dry, measure the water level and allow the well to recharge to 80 percent, or for two hours, whichever occurs first. Calculate the percent recovery.
 - a) If the well recovers less than 80 percent within two hours, it is a slow recharging well. Begin the sampling procedure.
 - b) If the well recovers to 80 percent or more within two hours, it is a fast recharging well. Repeat Step D1 above.

Sampling Procedures

- Use a disposable bailer to collect the groundwater sample.
- Fit the stopcock onto the base of the bailer and transfer the groundwater sample into the appropriate container(s). Where applicable, some containers are completely filled to achieve zero headspace. Label the samples according to location and date of collection.
- Enter the samples into Stantec Chain-of-Custody protocol and preserve on ice until delivery to the analytical laboratory. Complete the Well Development/Purging/Sampling Log to be stored in the project file.
- When requested by the client, collect bailer rinsate blank of deionized water to check decontamination procedure. In addition, trip blanks prepared by the laboratory and kept with the samples may be included to check for cross contamination of samples within the cooler. Additional and/or alternate field QA/QC samples can be collected and analyzed upon client request.

ATTACHMENT C

LABORATORY REPORT

CHAIN-OF-CUSTODY DOCUMENTATION

Laboratory Results

Arturo Hoyos
Stantec Consulting Corp - San Diego
9179 Aero Dr.
San Diego, CA 92123

Subject : 9 Water Samples
Project Name : 7-Eleven #16439
Project Number : 211701006

Dear Mr. Hoyos,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed. Testing procedures comply with the 2003 NELAC standard. All soil samples are reported on a total weight (wet weight) basis unless noted otherwise in the case narrative. Laboratory results relate only to the samples tested. This report may be freely reproduced in full, but may only be reproduced in part with the express permission of Kiff Analytical, LLC. Kiff Analytical, LLC is certified by the State of California under the National Environmental Laboratory Accreditation Program (NELAP), lab # 08263CA. If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-2**

Matrix : Water

Lab Number : 79871-01

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:22
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 01:22
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 01:22
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	12/23/11 01:22
Toluene - d8 (Surr)	94.4		% Recovery	EPA 8260B	12/23/11 01:22

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-3**

Matrix : Water

Lab Number : 79871-02

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 01:54
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 01:54
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 01:54
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/23/11 01:54
Toluene - d8 (Surr)	93.6		% Recovery	EPA 8260B	12/23/11 01:54

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-4**

Matrix : Water

Lab Number : 79871-03

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	1.4	0.50	ug/L	EPA 8260B	12/23/11 02:27
Toluene	0.86	0.50	ug/L	EPA 8260B	12/23/11 02:27
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 02:27
Total Xylenes	1.5	0.50	ug/L	EPA 8260B	12/23/11 02:27
Methyl-t-butyl ether (MTBE)	0.74	0.50	ug/L	EPA 8260B	12/23/11 02:27
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 02:27
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 02:27
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 02:27
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 02:27
TPH as Gasoline	1800	50	ug/L	EPA 8260B	12/23/11 02:27
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	12/23/11 02:27
Toluene - d8 (Surr)	95.5		% Recovery	EPA 8260B	12/23/11 02:27

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-7**

Matrix : Water

Lab Number : 79871-04

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	3.1	0.50	ug/L	EPA 8260B	12/27/11 14:36
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Methyl-t-butyl ether (MTBE)	17	0.50	ug/L	EPA 8260B	12/27/11 14:36
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/27/11 14:36
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/27/11 14:36
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/27/11 14:36
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	12/27/11 14:36
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	12/27/11 14:36

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-8**

Matrix : Water

Lab Number : 79871-05

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Methyl-t-butyl ether (MTBE)	20	0.50	ug/L	EPA 8260B	12/23/11 03:32
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 03:32
Tert-Butanol	20	5.0	ug/L	EPA 8260B	12/23/11 03:32
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 03:32
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	12/23/11 03:32
Toluene - d8 (Surr)	93.7		% Recovery	EPA 8260B	12/23/11 03:32

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-9**

Matrix : Water

Lab Number : 79871-06

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Ethylbenzene	0.96	0.50	ug/L	EPA 8260B	12/23/11 04:04
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Methyl-t-butyl ether (MTBE)	9.1	0.50	ug/L	EPA 8260B	12/23/11 04:04
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:04
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 04:04
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 04:04
1,2-Dichloroethane-d4 (Surr)	100		% Recovery	EPA 8260B	12/23/11 04:04
Toluene - d8 (Surr)	94.3		% Recovery	EPA 8260B	12/23/11 04:04

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-10**

Matrix : Water

Lab Number : 79871-07

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 04:37
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 04:37
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 04:37
1,2-Dichloroethane-d4 (Surr)	104		% Recovery	EPA 8260B	12/23/11 04:37
Toluene - d8 (Surr)	93.8		% Recovery	EPA 8260B	12/23/11 04:37

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-11**

Matrix : Water

Lab Number : 79871-08

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:09
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 05:09
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 05:09
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	12/23/11 05:09
Toluene - d8 (Surr)	94.0		% Recovery	EPA 8260B	12/23/11 05:09

Project Name : **7-Eleven #16439**

Project Number : **211701006**

Sample : **MW-12**

Matrix : Water

Lab Number : 79871-09

Sample Date :12/16/2011

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date/Time Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/23/11 05:42
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/23/11 05:42
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/23/11 05:42
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/23/11 05:42
Toluene - d8 (Surr)	93.5		% Recovery	EPA 8260B	12/23/11 05:42

Report Number : 79871
Date : 12/28/2011

QC Report : Method Blank Data
Project Name : 7-Eleven #16439
Project Number : 211701006

Parameter	Measured Value	Method Reporting		Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting		Analysis Method	Date Analyzed
		Limit	Units					Limit	Units		
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/27/2011						
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/27/2011						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/27/2011						
1,2-Dichloroethane-d4 (Surr)	99.7		%	EPA 8260B	12/27/2011						
Toluene - d8 (Surr)	99.3		%	EPA 8260B	12/27/2011						
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/22/2011						
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/22/2011						
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/22/2011						
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	12/22/2011						
Toluene - d8 (Surr)	94.7		%	EPA 8260B	12/22/2011						

QC Report : Matrix Spike/ Matrix Spike DuplicateProject Name : **7-Eleven #16439**Project Number : **211701006**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	79893-01	<0.50	40.0	40.0	39.7	39.3	ug/L	EPA 8260B	12/27/11	99.2	98.2	0.995	80-120	25
Diisopropyl ether	79893-01	<0.50	39.5	39.5	42.4	42.4	ug/L	EPA 8260B	12/27/11	107	107	0.0226	80-120	25
Ethyl-tert-butyl ether	79893-01	<0.50	40.0	40.0	42.4	43.0	ug/L	EPA 8260B	12/27/11	106	107	1.25	76.5-120	25
Ethylbenzene	79893-01	<0.50	40.0	40.0	42.1	41.7	ug/L	EPA 8260B	12/27/11	105	104	1.11	80-120	25
Methyl-t-butyl ether	79893-01	13	40.4	40.4	56.0	56.8	ug/L	EPA 8260B	12/27/11	106	108	1.97	69.7-121	25
P + M Xylene	79893-01	<0.50	40.0	40.0	41.8	41.8	ug/L	EPA 8260B	12/27/11	104	104	0.0838	76.8-120	25
Tert-Butanol	79893-01	<5.0	201	201	202	202	ug/L	EPA 8260B	12/27/11	101	100	0.378	80-120	25
Tert-amyl-methyl ether	79893-01	<0.50	39.4	39.4	43.4	43.8	ug/L	EPA 8260B	12/27/11	110	111	1.10	78.9-120	25
Toluene	79893-01	<0.50	40.0	40.0	41.0	40.4	ug/L	EPA 8260B	12/27/11	103	101	1.61	80-120	25

QC Report : Matrix Spike/ Matrix Spike DuplicateProject Name : **7-Eleven #16439**Project Number : **211701006**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	79869-02	1.2	40.0	40.0	43.0	42.5	ug/L	EPA 8260B	12/22/11	105	103	1.25	80-120	25
Diisopropyl ether	79869-02	<0.50	39.5	39.5	46.3	46.8	ug/L	EPA 8260B	12/22/11	117	118	1.23	80-120	25
Ethyl-tert-butyl ether	79869-02	<0.50	40.0	40.0	44.4	44.9	ug/L	EPA 8260B	12/22/11	111	112	1.13	76.5-120	25
Ethylbenzene	79869-02	<0.50	40.0	40.0	42.7	42.4	ug/L	EPA 8260B	12/22/11	107	106	0.585	80-120	25
Methyl-t-butyl ether	79869-02	<0.50	40.4	40.4	45.4	45.3	ug/L	EPA 8260B	12/22/11	112	112	0.173	69.7-121	25
P + M Xylene	79869-02	<0.50	40.0	40.0	43.4	43.0	ug/L	EPA 8260B	12/22/11	108	108	0.941	76.8-120	25
Tert-Butanol	79869-02	<5.0	201	201	201	201	ug/L	EPA 8260B	12/22/11	100	99.9	0.302	80-120	25
Tert-amyl-methyl ether	79869-02	<0.50	39.4	39.4	42.5	42.1	ug/L	EPA 8260B	12/22/11	108	107	1.04	78.9-120	25
Toluene	79869-02	<0.50	40.0	40.0	39.4	39.3	ug/L	EPA 8260B	12/22/11	98.6	98.4	0.252	80-120	25

QC Report : Laboratory Control Sample (LCS)Project Name : **7-Eleven #16439**Project Number : **211701006**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.1	ug/L	EPA 8260B	12/27/11	99.9	80-120
Diisopropyl ether	39.6	ug/L	EPA 8260B	12/27/11	109	80-120
Ethyl-tert-butyl ether	40.1	ug/L	EPA 8260B	12/27/11	110	76.5-120
Ethylbenzene	40.1	ug/L	EPA 8260B	12/27/11	107	80-120
Methyl-t-butyl ether	40.5	ug/L	EPA 8260B	12/27/11	107	69.7-121
P + M Xylene	40.1	ug/L	EPA 8260B	12/27/11	107	76.8-120
TPH as Gasoline	502	ug/L	EPA 8260B	12/27/11	96.5	70.0-130
Tert-Butanol	202	ug/L	EPA 8260B	12/27/11	102	80-120
Tert-amyl-methyl ether	39.5	ug/L	EPA 8260B	12/27/11	109	78.9-120
Toluene	40.1	ug/L	EPA 8260B	12/27/11	103	80-120
Benzene	39.9	ug/L	EPA 8260B	12/22/11	102	80-120
Diisopropyl ether	39.4	ug/L	EPA 8260B	12/22/11	114	80-120
Ethyl-tert-butyl ether	39.9	ug/L	EPA 8260B	12/22/11	108	76.5-120
Ethylbenzene	39.9	ug/L	EPA 8260B	12/22/11	104	80-120
Methyl-t-butyl ether	40.3	ug/L	EPA 8260B	12/22/11	108	69.7-121
P + M Xylene	39.9	ug/L	EPA 8260B	12/22/11	106	76.8-120
TPH as Gasoline	504	ug/L	EPA 8260B	12/22/11	104	70.0-130
Tert-Butanol	200	ug/L	EPA 8260B	12/22/11	100	80-120
Tert-amyl-methyl ether	39.4	ug/L	EPA 8260B	12/22/11	104	78.9-120
Toluene	39.9	ug/L	EPA 8260B	12/22/11	96.9	80-120

SRG#: 79871 Date: 122211
Project ID: 7-Eleven # 116439
Method of Receipt: ☐ Courier ☐ Over-the-counter ☒ Shipper

Method of Receipt: ☐ Courier ☐ Over-the-counter ☒ Shipper

COC Inspection

Is COC present?	☒ Yes	☐ No
Custody seals on shipping container?	☒ Intact	☐ Broken ☐ Not present ☐ N/A
Is COC Signed by Relinquisher?	☒ Yes ☐ No	
Dated?	☒ Yes	☐ No
Is sampler name legibly indicated on COC?	☐ Yes	☒ No
Is analysis or hold requested for all samples	☒ Yes	☐ No
Is the turnaround time indicated on COC?	☒ Yes	☐ No
Is COC free of whiteout and uninitialed cross-outs?	☒ Yes	☐ No, Whiteout ☐ No, Cross-outs

Sample Inspection

Coolant Present: ☒ Yes ☐ No (includes water)

Temperature °C 3.2 Therm. ID# IR-5 Initial MAS Date/Time 12/21/10 ☐ N/A

Are there custody seals on sample containers? ☐ Intact ☐ Broken ☒ Not present

Do containers match COC? ☒ Yes ☐ No ☐ No, COC lists absent sample(s) ☐ No, Extra sample(s) present

Are there samples matrices other than soil, water, air or carbon? ☐ Yes ☒ No

Are any sample containers broken, leaking or damaged? ☐ Yes ☒ No

Are preservatives indicated? ☐ Yes, on sample containers ☒ Yes, on COC ☐ Not indicated ☐ N/A

Are preservatives correct for analyses requested? ☒ Yes ☐ No ☐ N/A

Are samples within holding time for analyses requested? ☒ Yes ☐ No

Are the correct sample containers used for the analyses requested? ☒ Yes ☐ No

Is there sufficient sample to perform testing? ☒ Yes ☐ No

Does any sample contain product, have strong odor or are otherwise suspected to be hot? ☐ Yes ☒ No

Receipt Details

Matrix WA Container type UOA # of containers received 27
 Matrix _____ Container type _____ # of containers received _____
 Matrix _____ Container type _____ # of containers received _____
 Date and Time Sample Put into Temp Storage Date: 122211 Time: 1020

Quicklog

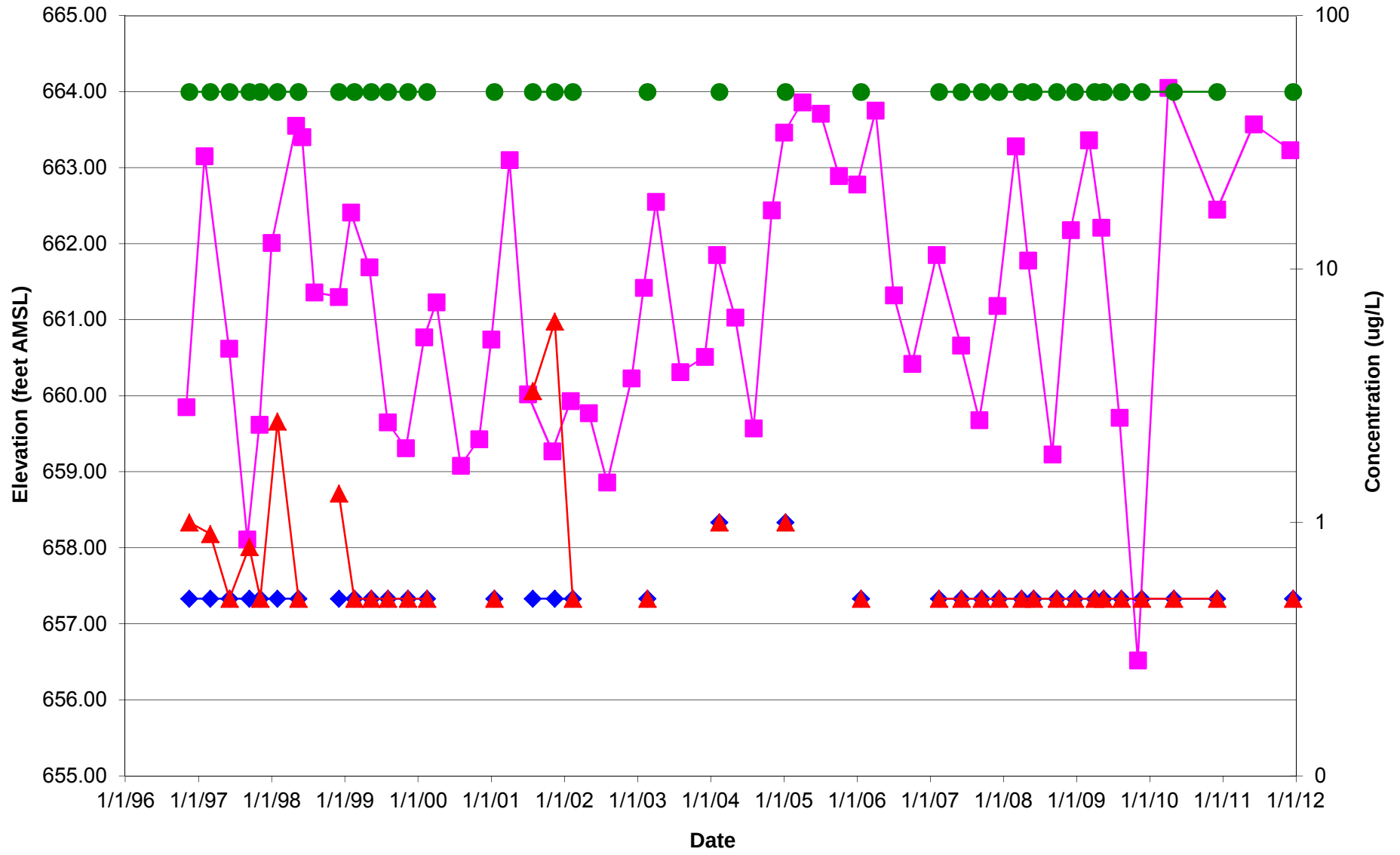
Are the Sample ID's indicated: ☐ On COC ☐ On sample container(s) ☒ On Both ☐ Not indicated
If Sample ID's are listed on both COC and containers, do they all match? ☒ Yes ☐ No ☐ N/A
Is the Project ID indicated: ☐ On COC ☐ On sample container(s) ☒ On Both ☐ Not indicated
If project ID is listed on both COC and containers, do they all match? ☒ Yes ☐ No ☐ N/A
Are the sample collection dates indicated: ☐ On COC ☐ On sample container(s) ☒ On Both ☐ Not indicated
If collection dates are listed on both COC and containers, do they all match? ☒ Yes ☐ No ☐ N/A
Are the sample collection times indicated: ☐ On COC ☐ On sample container(s) ☒ On Both ☐ Not indicated
If collection times are listed on both COC and containers, do they all match? ☒ Yes ☐ No ☐ N/A

COMMENTS:

ATTACHMENT D

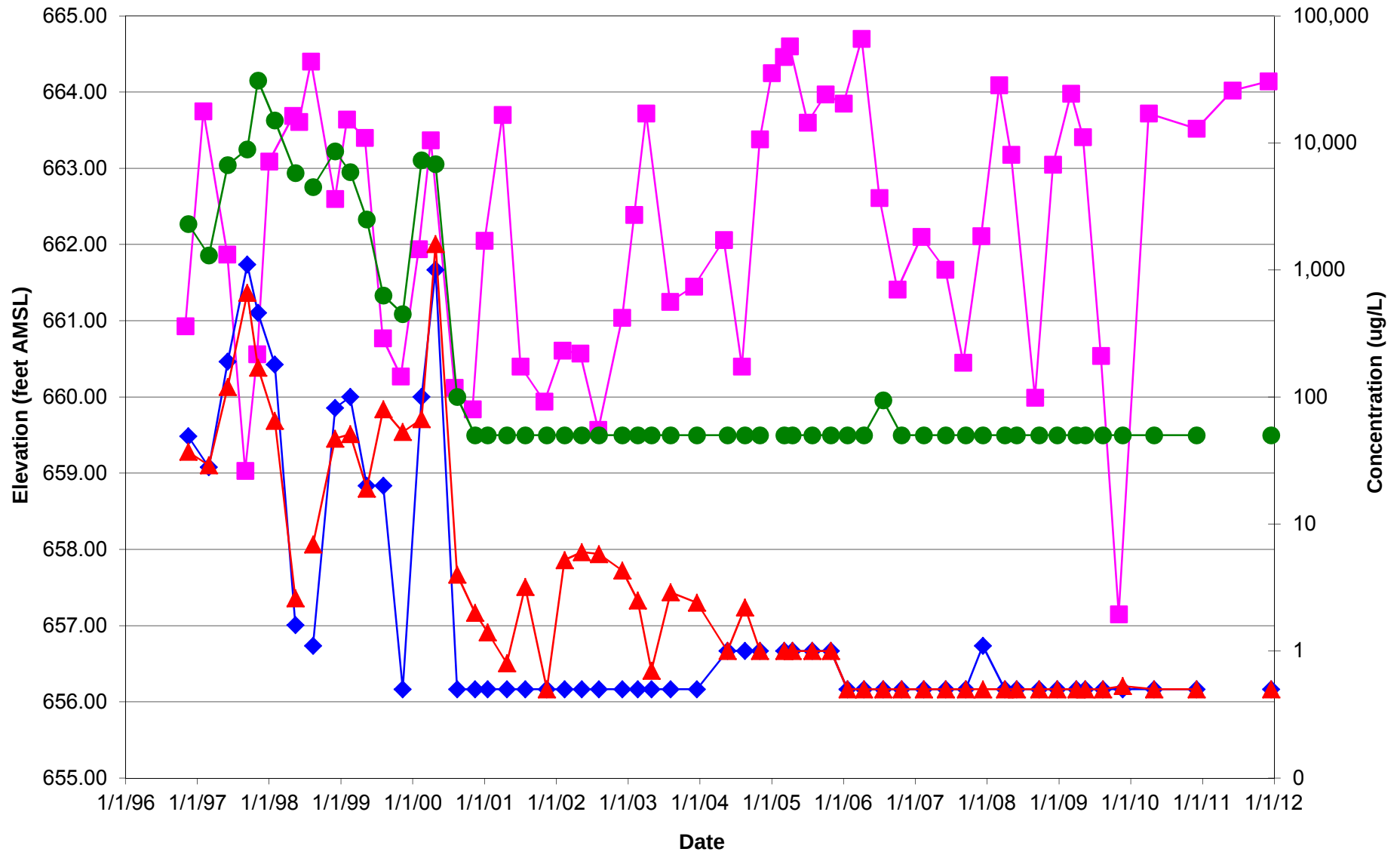
HYDROGRAPHS

Hydrograph for MW-2 7-Eleven Store No. 16439

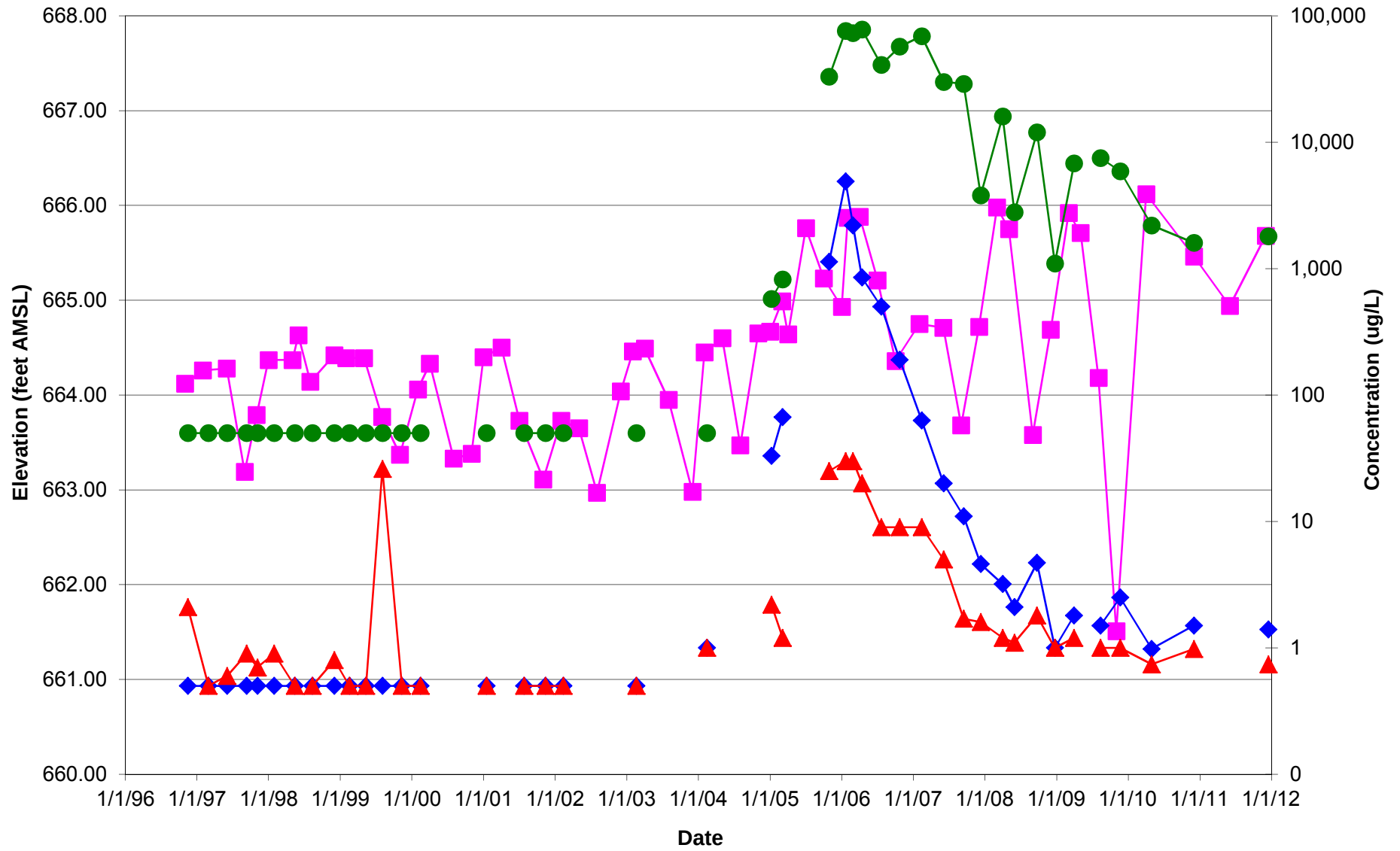


Groundwater Elevation TPHg Concentration Benzene Concentration MTBE Concentration

Hydrograph for MW-3 7-Eleven Store No. 16439

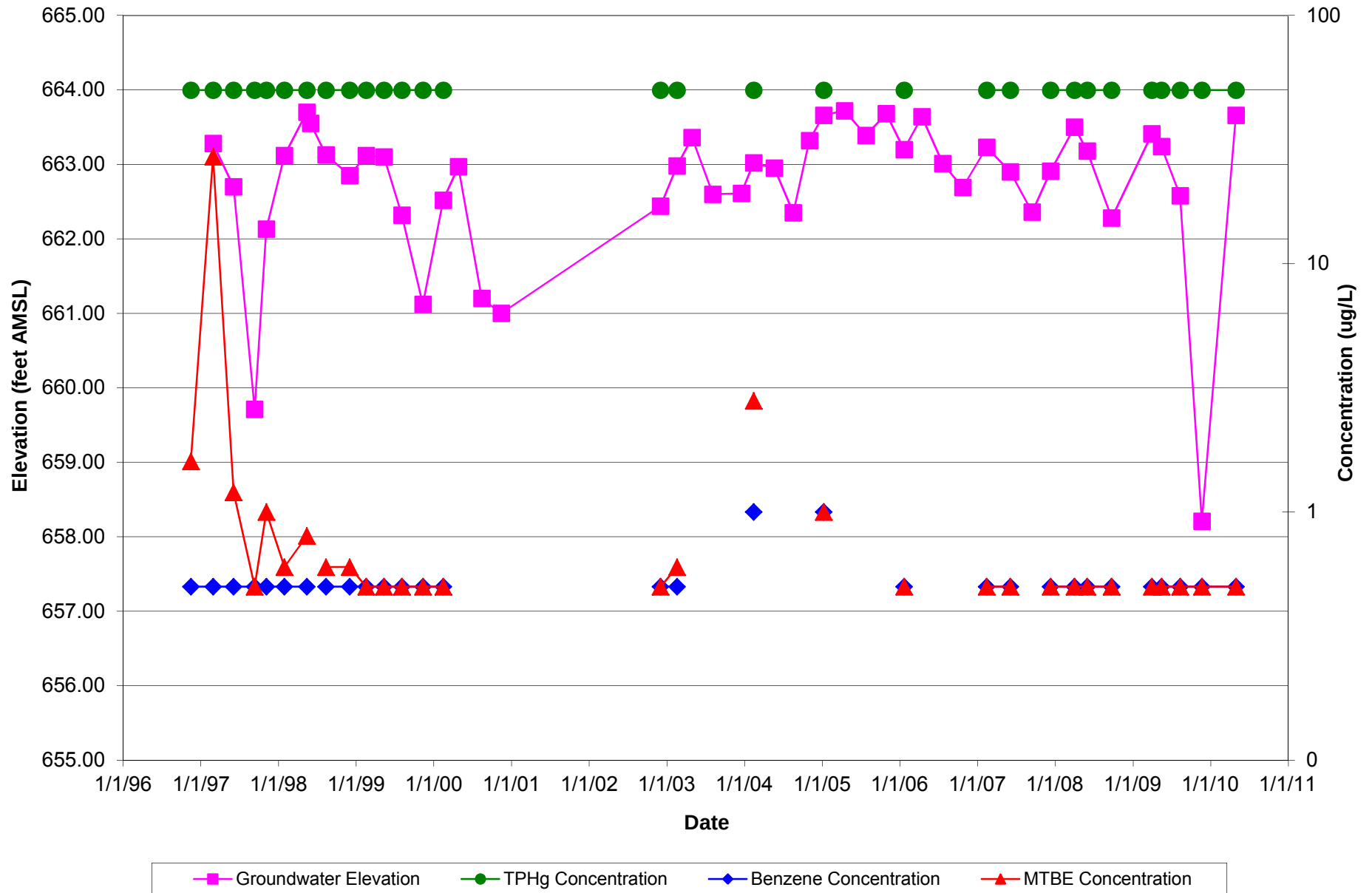


Hydrograph for MW-4 7-Eleven Store No. 16439

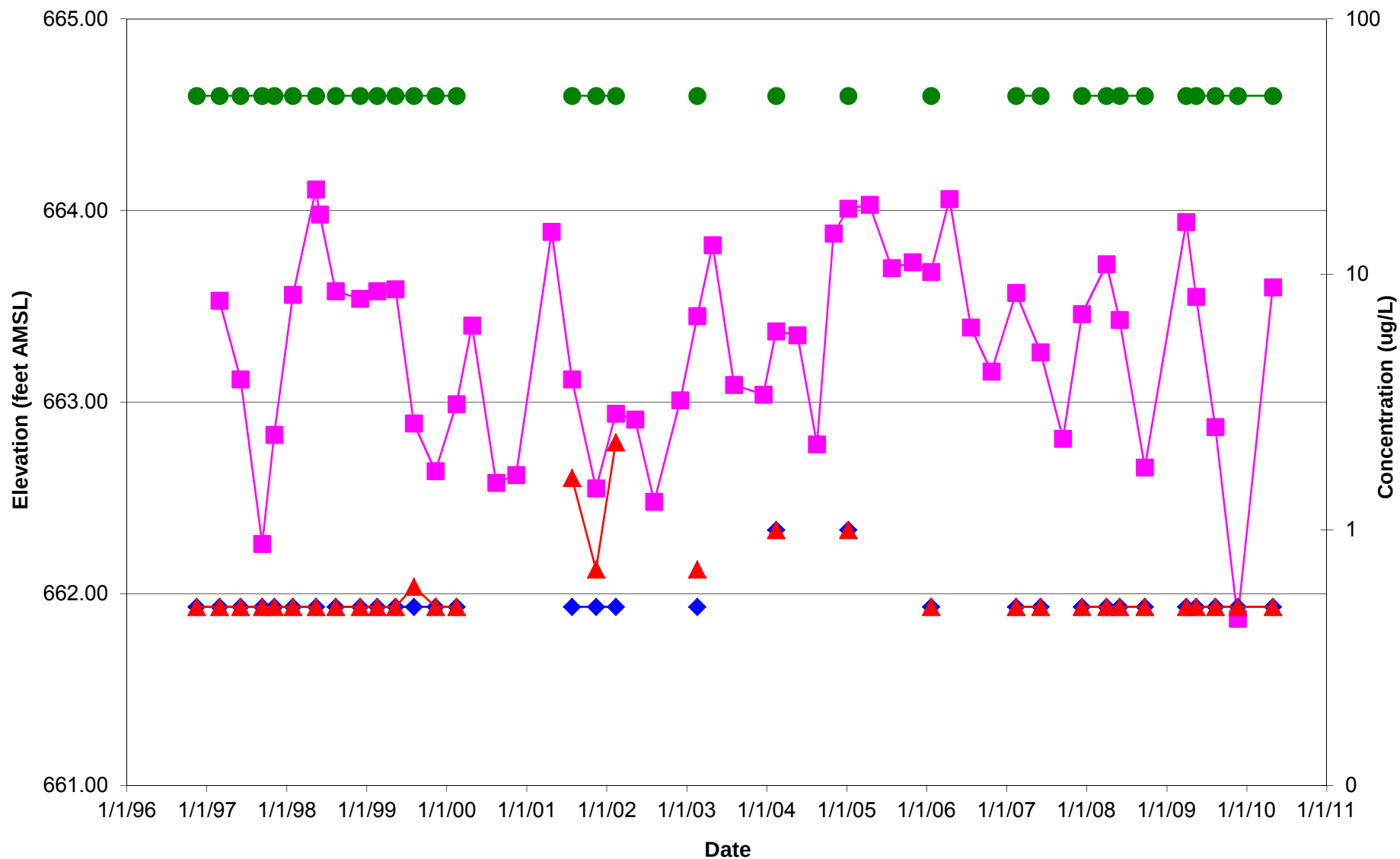


Groundwater Elevation TPHg Concentration Benzene Concentration MTBE Concentration

Hydrograph for MW-5 7-Eleven Store No. 16439

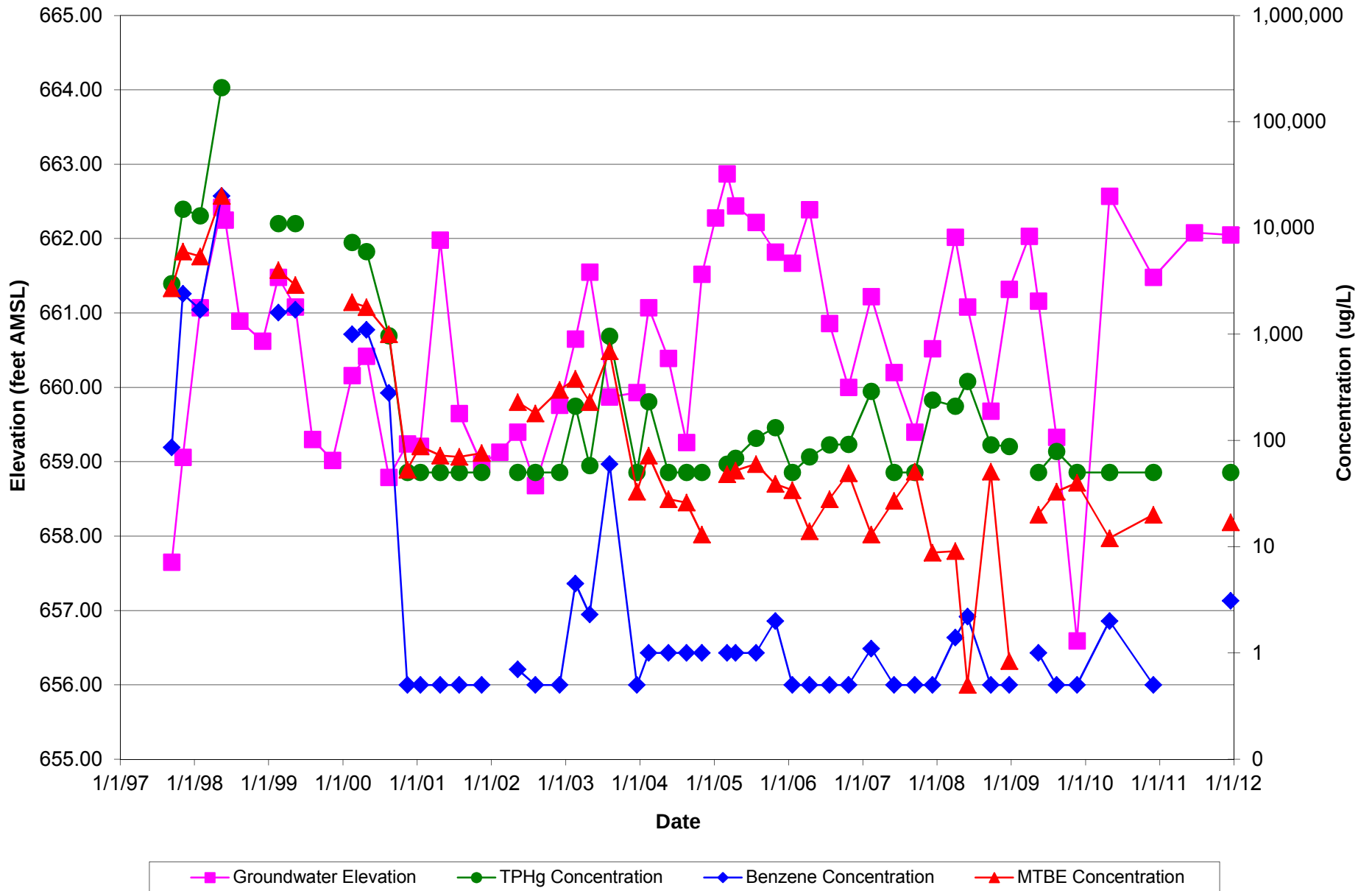


Hydrograph for MW-6 7-Eleven Store No. 16439

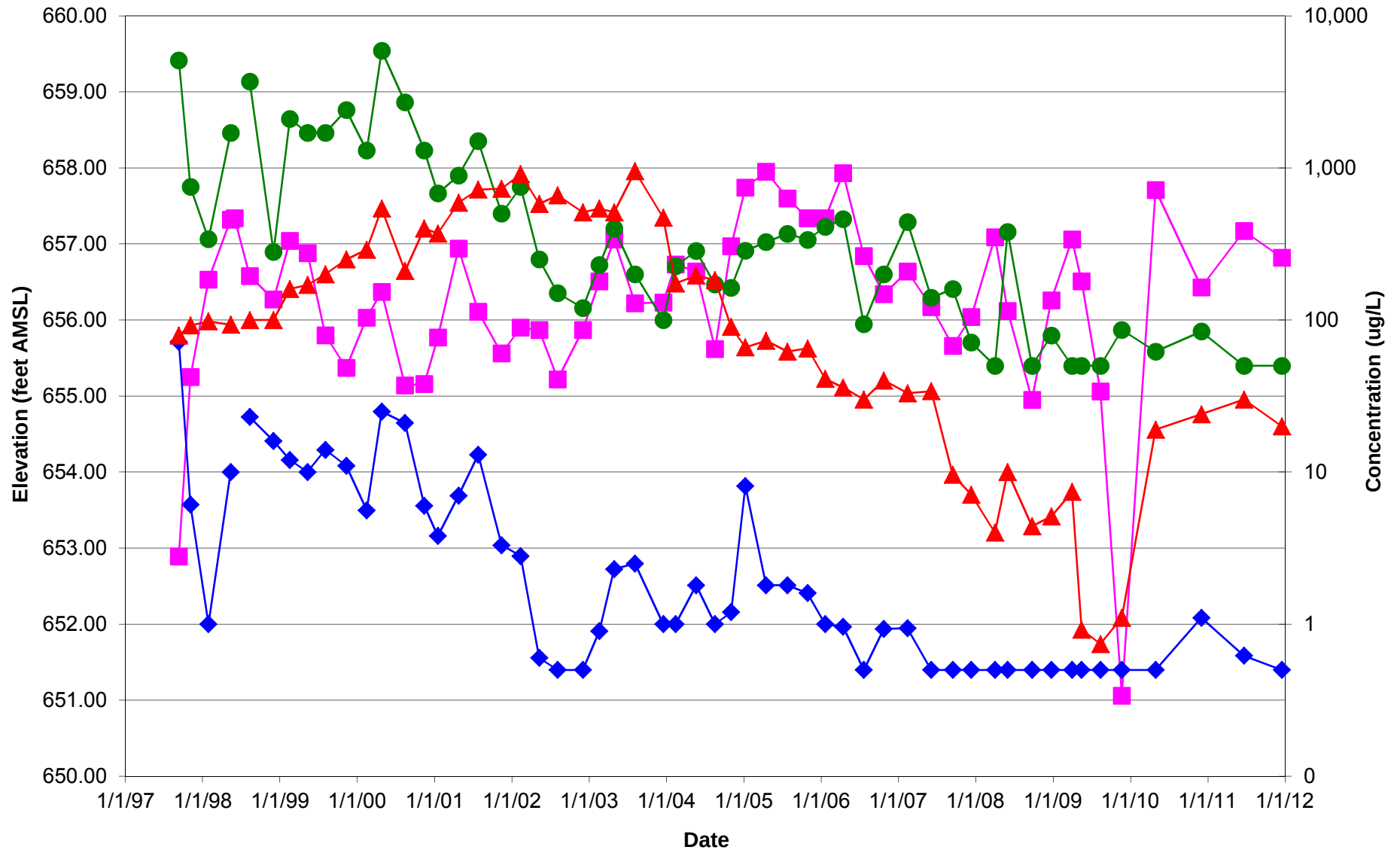


—■— Groundwater Elevation
 —●— TPHg Concentration
 —◆— Benzene Concentration
 —▲— MTBE Concentration

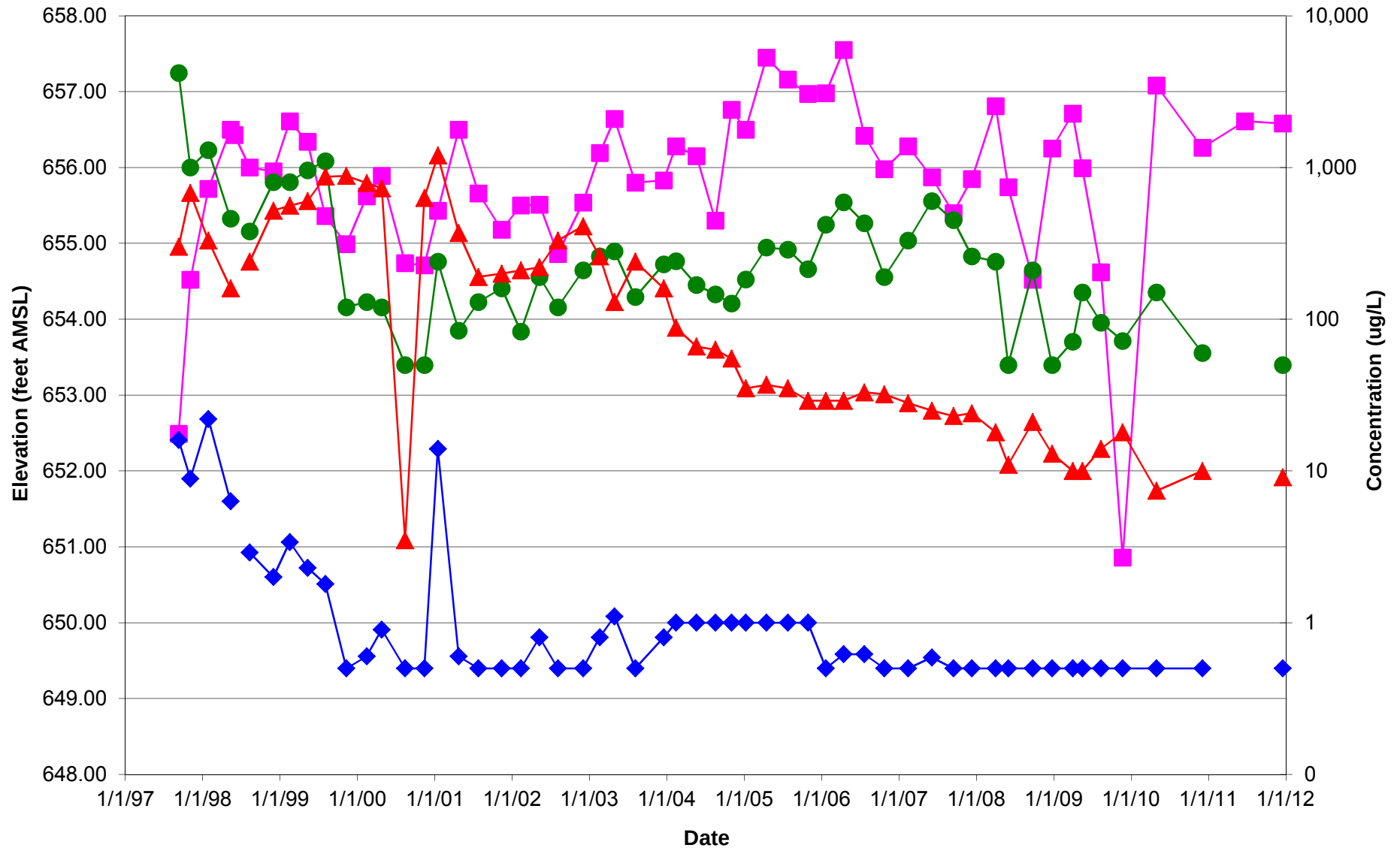
Hydrograph for MW-7 7-Eleven Store No. 16439



Hydrograph for MW-8 **7-Eleven Store No. 16439**

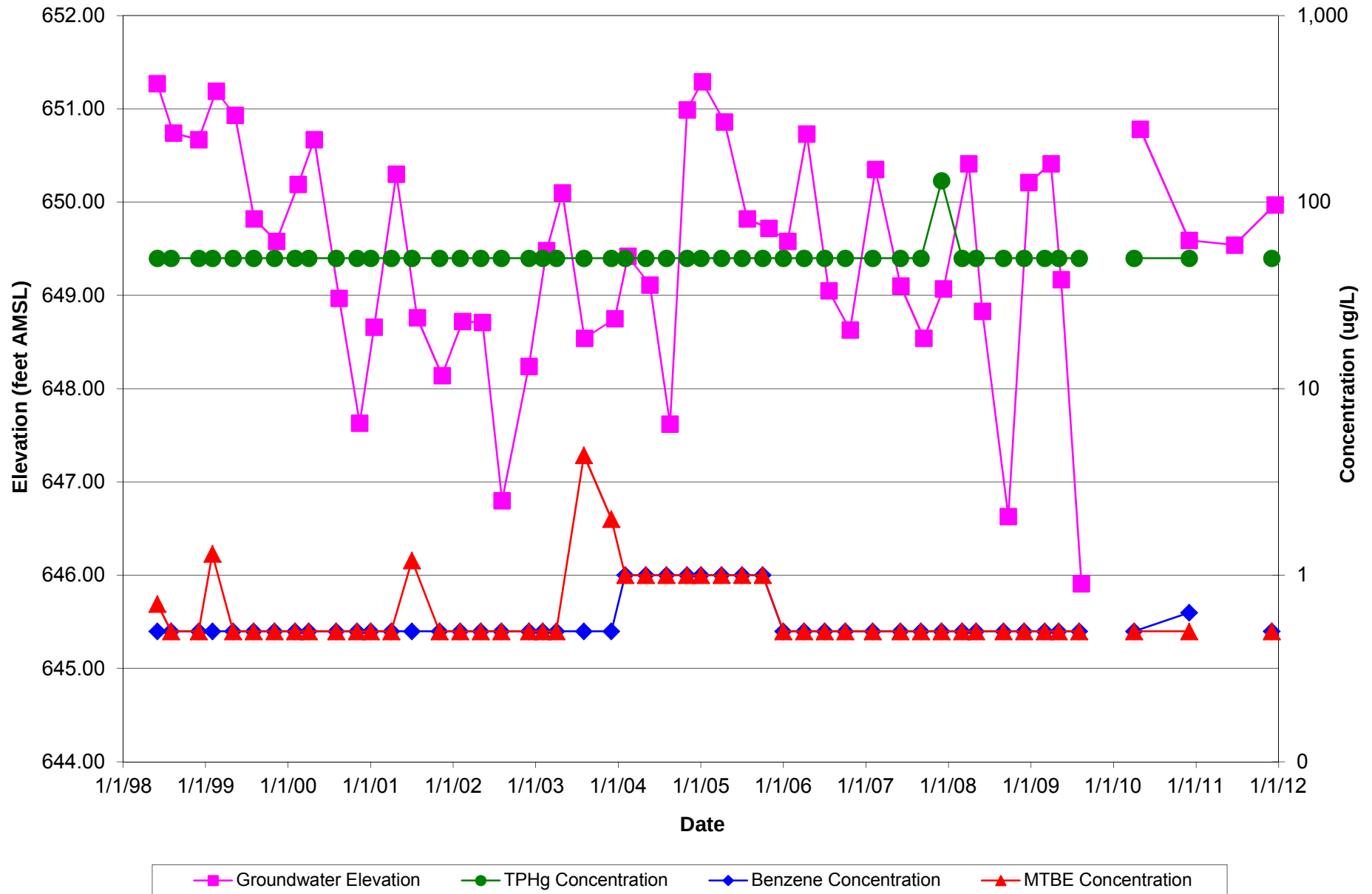


Hydrograph for MW-9 7-Eleven Store No. 16439

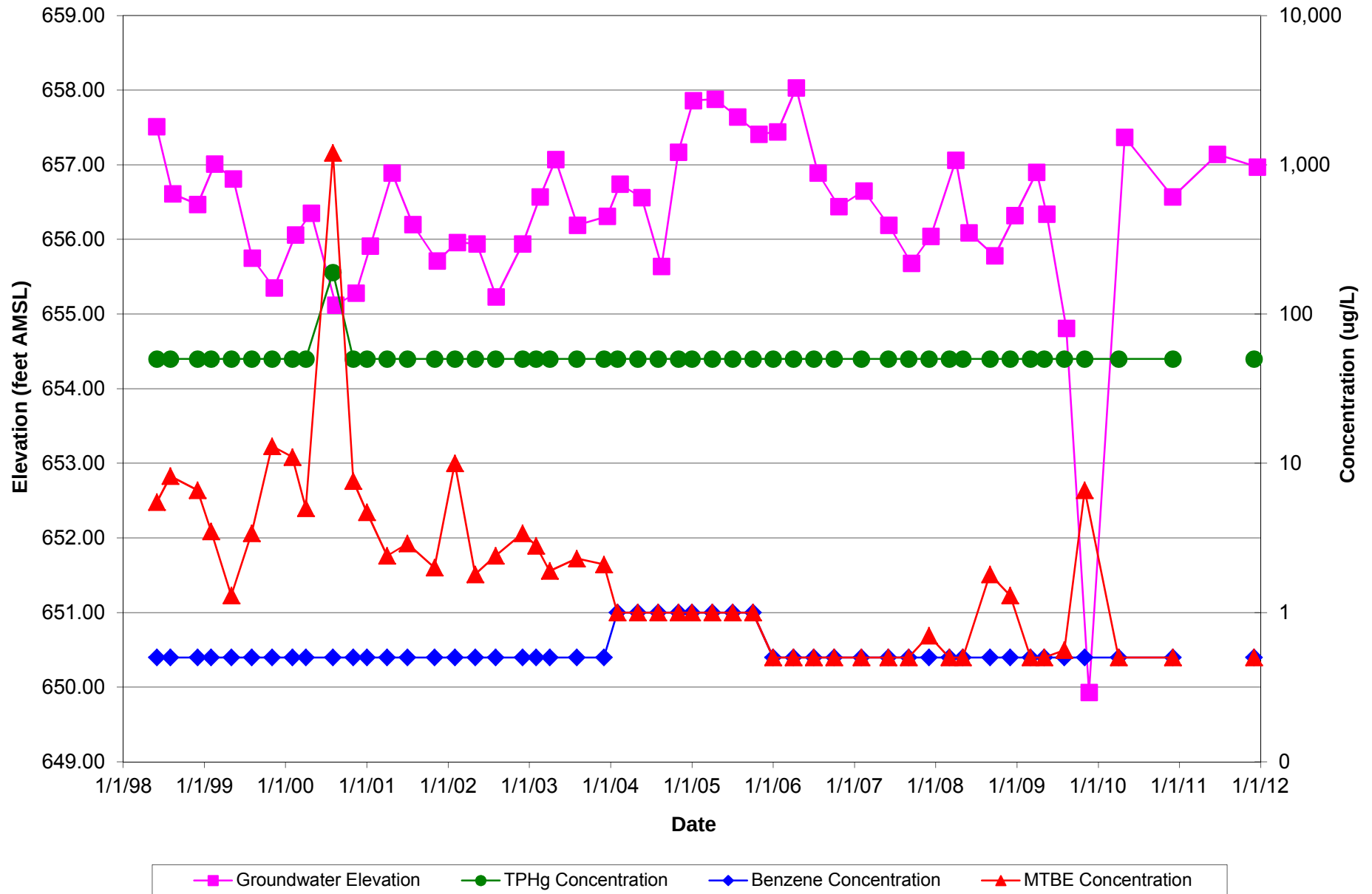


—■— Groundwater Elevation
 —●— TPHg Concentration
 —◆— Benzene Concentration
 —▲— MTBE Concentration

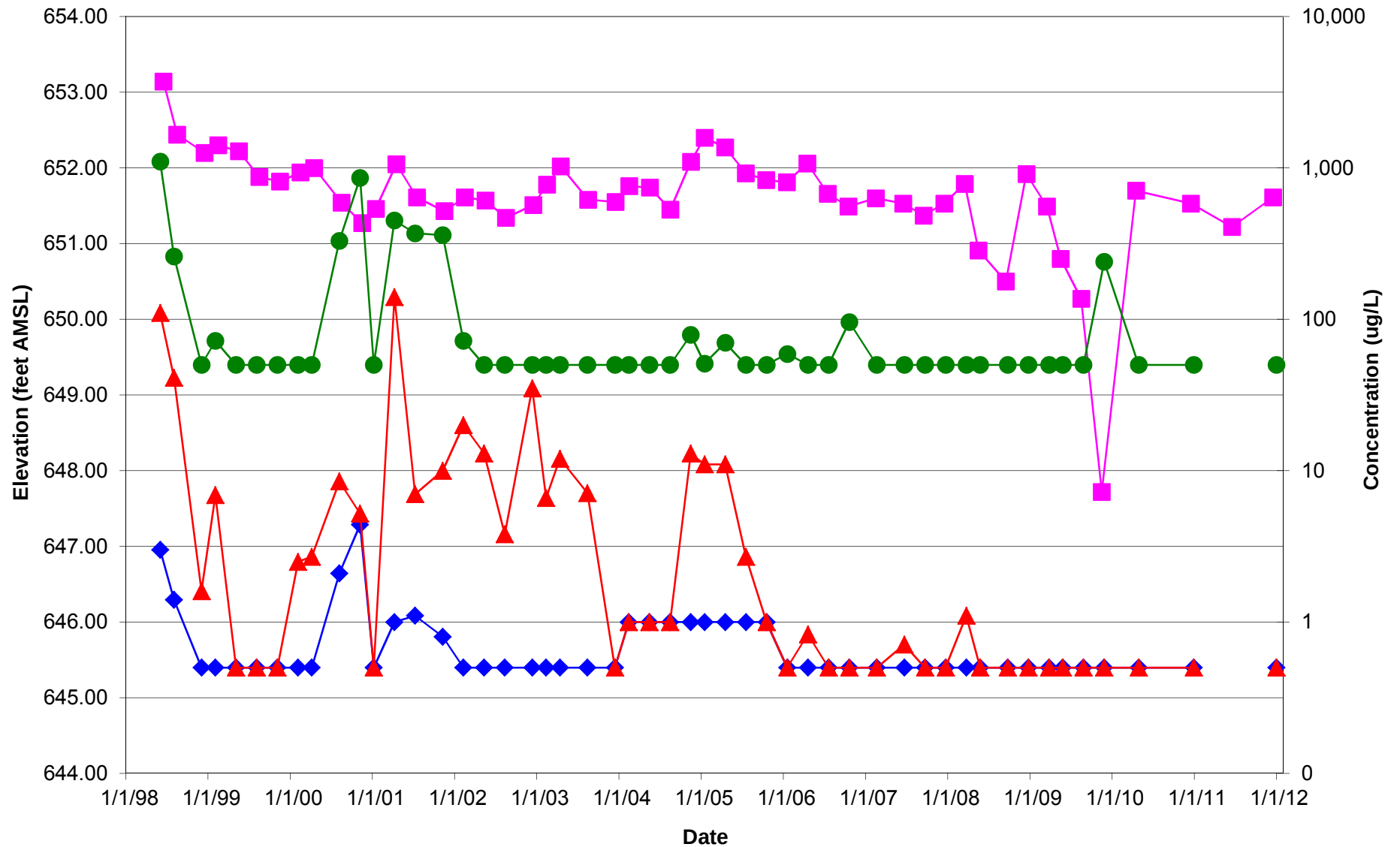
Hydrograph for MW-10 7-Eleven Store No. 16439



Hydrograph for MW-11 7-Eleven Store No. 16439



Hydrograph for MW-12 7-Eleven Store No. 16439



ENVIRONMENTAL REGULATORY DATABASE REPORT

Hwy 80

14135 Olde Highway 80

El Cajon, CA 92021

Inquiry Number: 3954378.2s

May 28, 2014

FirstSearch Report

Search Summary Report

TARGET SITE **14135 OLDE HIGHWAY 80**
EL CAJON, CA 92021

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<i>NPL</i>	Y	0	0	0	0	0	0	0
<i>NPL Delisted</i>	Y	0	0	0	0	0	0	0
<i>CERCLIS</i>	Y	0	0	0	0	-	0	0
<i>NFRAP</i>	Y	0	0	0	0	-	0	0
<i>RCRA COR ACT</i>	Y	0	0	0	0	0	0	0
<i>RCRA TSD</i>	Y	0	0	0	0	-	0	0
<i>RCRA GEN</i>	Y	0	0	0	-	-	0	0
<i>Federal IC / EC</i>	Y	0	0	0	0	-	0	0
<i>ERNS</i>	Y	0	-	-	-	-	0	0
<i>State/Tribal NPL</i>	Y	0	0	0	0	0	0	0
<i>State/Tribal CERCLIS</i>	Y	0	0	0	0	0	0	0
<i>State/Tribal SWL</i>	Y	0	0	0	0	-	0	0
<i>State/Tribal LTANKS</i>	Y	0	4	0	3	-	0	7
<i>State/Tribal Tanks</i>	Y	0	1	1	-	-	0	2
<i>State/Tribal VCP</i>	Y	0	0	0	0	-	0	0
<i>US Brownfields</i>	Y	0	0	0	0	-	0	0
<i>Other SWF</i>	Y	0	0	0	0	-	0	0
<i>Other Haz Sites</i>	Y	0	-	-	-	-	0	0
<i>Other Tanks</i>	Y	0	1	0	-	-	1	2
<i>Local Land Records</i>	Y	0	0	0	0	-	0	0
<i>Spills</i>	Y	0	-	-	-	-	0	0
<i>Other</i>	Y	0	1	2	-	-	38	41
- Totals --		0	7	3	3	0	39	52

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Search Summary Report

**TARGET SITE: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	10/25/2013	1.000	0	0	0	0	0	0	0
	Proposed NPL	10/25/2013	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	10/25/2013	1.000	0	0	0	0	0	0	0
CERCLIS	CERCLIS	10/25/2013	0.500	0	0	0	0	-	0	0
NFRAP	CERC-NFRAP	10/25/2013	0.500	0	0	0	0	-	0	0
RCRA COR ACT	CORRACTS	03/11/2014	1.000	0	0	0	0	0	0	0
RCRA TSD	RCRA-TSDF	03/11/2014	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	03/11/2014	0.250	0	0	0	-	-	0	0
	RCRA-SQG	03/11/2014	0.250	0	0	0	-	-	0	0
	RCRA-CESQG	03/11/2014	0.250	0	0	0	-	-	0	0
Federal IC / EC	US ENG CONTROLS	12/17/2013	0.500	0	0	0	0	-	0	0
	US INST CONTROL	12/17/2013	0.500	0	0	0	0	-	0	0
ERNS	ERNS	09/30/2013	TP	0	-	-	-	-	0	0
State/Tribal NPL	RESPONSE	05/05/2014	1.000	0	0	0	0	0	0	0
State/Tribal CERCLIS	ENVIROSTOR	05/05/2014	1.000	0	0	0	0	0	0	0
State/Tribal SWL	SWF/LF	05/19/2014	0.500	0	0	0	0	-	0	0
State/Tribal LTANKS	LUST	05/01/2014	0.500	0	2	0	2	-	0	4
	SLIC	05/01/2014	0.500	0	1	0	0	-	0	1
	SAN DIEGO CO. SAM	03/23/2010	0.500	0	1	0	1	-	0	2
	INDIAN LUST	02/01/2013	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	03/17/2014	0.250	0	1	1	-	-	0	2
	AST	08/01/2009	0.250	0	0	0	-	-	0	0
	INDIAN UST	02/01/2013	0.250	0	0	0	-	-	0	0
State/Tribal VCP	VCP	05/05/2014	0.500	0	0	0	0	-	0	0
US Brownfields	US BROWNFIELDS	03/20/2014	0.500	0	0	0	0	-	0	0

Search Summary Report

**TARGET SITE: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021**

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
Other SWF	WMUDS/SWAT	04/01/2000	0.500	0	0	0	0	-	0	0
Other Haz Sites	US CDL	12/04/2013	TP	0	-	-	-	-	0	0
	SCH	05/05/2014	0.250	0	0	0	-	-	0	0
	San Diego Co. HMMD	09/23/2013	TP	0	-	-	-	-	0	0
Other Tanks	CA FID UST	10/31/1994	0.250	0	0	0	-	-	0	0
	SWEEPS UST	06/01/1994	0.250	0	1	0	-	-	1	2
Local Land Records	DEED	03/10/2014	0.500	0	0	0	0	-	0	0
Spills	HMIRS	12/31/2013	TP	0	-	-	-	-	0	0
	CHMIRS	02/04/2014	TP	0	-	-	-	-	0	0
	SPILLS 90	06/06/2012	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	03/11/2014	TP	0	-	-	-	-	0	0
	TRIS	12/31/2011	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	ICIS	07/20/2011	TP	0	-	-	-	-	0	0
	PADS	06/01/2013	TP	0	-	-	-	-	0	0
	MLTS	07/22/2013	TP	0	-	-	-	-	0	0
	RADINFO	01/09/2014	TP	0	-	-	-	-	0	0
	FINDS	11/18/2013	TP	0	-	-	-	-	0	0
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	Cortese	03/31/2014	0.500	0	0	0	0	-	0	0
	CUPA Listings		0.250	0	0	0	-	-	0	0
	HAZNET	12/31/2012	0.250	0	1	2	-	-	38	41
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	PRP	04/15/2013	TP	0	-	-	-	-	0	0
	WDS	06/19/2007	TP	0	-	-	-	-	0	0
	US AIRS	10/23/2013	TP	0	-	-	-	-	0	0
	- Totals --			0	7	3	3	0	39	52

Site Information Report

Request Date: MAY 28, 2014
Request Name: HARRY BISHOP

Search Type: COORD
Job Number: NA

Target Site: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	116.879500	116.8795000 - 116° 52' 46.20"	Easting: 511276.7
Latitude:	32.843200	32.8432000 - 32° 50' 35.52"	Northing: 3633720.2
Elevation:	672 ft. above sea level		Zone: Zone 11

Demographics

Sites: 13 **Non-Geocoded:** 39 **Population:** N/A
RADON

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 92021

Number of sites tested: 1

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

Site Information Report

RADON

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92021	34	1

Target Site Summary Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

TOTAL: 52

GEOCODED: 13

NON GEOCODED: 39

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
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No sites found for target address

Sites Summary Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

TOTAL: 52

GEOCODED: 13

NON GEOCODED: 39

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	SLIC --Completed - Case Closed --Completed - Case Closed	7-ELEVEN FOOD STORE #16439	14110 OLDE HY 80 EL CAJON, CA 92021	0.07 WNW	+ 3	1
A1	LUST --Completed - Case Closed	7-ELEVEN FOOD STORE #16439	14110 OLDE HY 80 EL CAJON, CA 92021	0.07 WNW	+ 3	3
A2	SAN DIEGO CO. SAM7-ELEVEN FOOD STORE #16439 --Remedial Action (Clean-Up) --Closed Case		14110 OLDE HY 80 EL CAJON, CA 92021	0.07 WNW	+ 3	8
A3	SWEEPS UST --A	7-ELEVEN FOOD STORE #16439	14110 OLD HWY 80 EL CAJON, CA 92021	0.08 WNW	+ 2	9
A3	LUST --Remedial action (cleanup) Underway	7-ELEVEN FOOD STORE #16439	14110 OLD HWY 80 EL CAJON, CA 92021	0.08 WNW	+ 2	11
A4	HAZNET	7-ELEVEN STORE 16439	14110 OLDE HWY 80 EL CAJON, CA 92021	0.08 NW	+ 6	12
A5	UST --H20203	7-ELEVEN FOOD STORE #16439	14110 OLDE HIGHWAY 80 # 1 EL CAJON, CA 92021	0.08 NW	+ 6	14
6	HAZNET	LUZAICH STRIPING INC	14219 OLDE HIGHWAY 80 EL CAJON, CA 92021	0.15 ENE	+ 30	15
B7	HAZNET	LAKE JENNINGS ARCO	14039 HIGHWAY 8 BUSINESS EL CAJON, CA 92021	0.22 WNW	+ 28	17
B8	UST --H38189	LAKE JENNINGS ARCO	14039 HIGHWAY 8 BUSINESS EL CAJON, CA 92021	0.25 NW	+ 35	19
C9	LUST --Case Closed	LAKESIDE FIRE STATION #3	14008 HWY 8 BUSINESS LAKESIDE, CA 92040	0.30 WNW	+ 31	20
C10	LUST --Completed - Case Closed	LAKESIDE FIRE STATION #3	14008 8 BUSINESS EL CAJON, CA 92021	0.30 WNW	+ 31	21
C11	SAN DIEGO CO. SAMLAKESIDE FIRE PROTECTION DIST --Closed Case		14008 HY 8 BUSINESS EL CAJON, CA 92021	0.30 WNW	+ 31	23

Sites Summary Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

TOTAL: 52

GEOCODED: 13

NON GEOCODED: 39

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	HAZNET	LLP COASTAL CONCRETE	13685 HIGHWAY 8 BUSINESS EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	LT DESIGN	13706 HWY 8 BUSINESS FREE EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	EL CAJON GRADING	1383 HWY 8 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	RANERI & LONG ROOFING CO INC	13881 HWY 8 BUSINESS EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	CHILDRESS CONCRETE INC.	13685 HWY 8 BUSINESS EL CAJON, CA 92021	NON GC	N/A	N/A
	SWEEPS UST --A	ARCO	13292 HIGHWAY 8 BUSINESS EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	SAN DIEGO PACIFIC CREST SERVIC	13272 BUSINESS HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	OLSEN STEEL INC	15405 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	HARLAN EQUIPMENT RENTAL, INC	14232 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	D & M MILLER TRUCKING INC	15409 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	VOLKS AUTO	13198 OLD HWY 8 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	PACIFIC BELL	14470 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	LUZAICH STRIPING INC	14219 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	MORELY CONSTRUCTION INC	13881 OLD HWY 8 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	RUTH C DOM TRUST	13216 OLD HWY 8 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	SOCAL MACHINE INC	14310 OLD HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	OLDCASTLE PRECAST INC DBA UTIL	15303 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	RACER SERVICES	14370 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	H AND E EQUIPMENT SERVICES CAL	14470 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A

Sites Summary Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

TOTAL: 52

GEOCODED: 13

NON GEOCODED: 39

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	HAZNET	PROLEUM	15303 OLDE HWY EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	PRECISION BELLOWS MANUFACTURIN	15303 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	EDDY PUMP CORP	15405 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	P TEIXEIRA CONSTRUCTION INC	13675 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	RIOS TRUCKING LLC	15405 OLDE HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	CUSTOM AIRCRAFT PARTS	14374 OLDE HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	CIVIL CONSTRUCTORS CORP	15315 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	SOCAL MACHINE INC	14310 OLDE HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	ACCURATE PAVING CO	15275 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	CAL WEST IRON WORKS	14288 OLDE HIGHWAY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	SOCAL MACHINE INC	14310 OLDE HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	EMBLY RANCH	15303 OLDE HWY 80 EL CAJON, CA 92021	NON GC	N/A	N/A
	HAZNET	C A R__INC	1265 HWY 67 LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	PERSONALIZED AUTO WORKS	12650 HIGHWAY 67 LEVEL 3 LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	MJ BAXTER DRILLING	12485 HWY 67 NO LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	WESTERN BULK TRANSPORT INC	1270-8 HWY 67 LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	EL CAJON GRADING & ENG CO INC	13831 OLD HWY 8 LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	RIDGECREST ASSOCIATES	13594 OLD HWY 8 LAKESIDE, CA 92040	NON GC	N/A	N/A
	HAZNET	1X RICHARD MCMULLEN	13276 R OLD HWY 8 LAKESIDE, CA 92040	NON GC	N/A	N/A

Sites Summary Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

TOTAL: 52

GEOCODED: 13

NON GEOCODED: 39

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	HAZNET	BUD'S TRUCKING	12570-8 HWY 67 SAN DIEGO, CA 92040	NON GC	N/A	N/A

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SLIC

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed
ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

SLIC:

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/15/1987
Global Id: T0608125562
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20203-002
Latitude: 32.84388
Longitude: -116.880699
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 03/07/1985
Global Id: T0608143516
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H20203-001
Latitude: 32.843935
Longitude: -116.880724
Case Type: Cleanup Program Site
Case Worker: KH
Local Agency: SAN DIEGO COUNTY LOP
RB Case Number: Not reported
File Location: Local Agency
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Region: STATE
Facility Status: Completed - Case Closed
Status Date: 06/16/1988
Global Id: T0608153308
Lead Agency: SAN DIEGO COUNTY LOP

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SLIC

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed
ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Lead Agency Case Number: H20203-003

Latitude: 32.8439423391799

Longitude: -116.880742013454

Case Type: Cleanup Program Site

Case Worker: Not reported

Local Agency: Not reported

RB Case Number: Not reported

File Location: Local Agency

Potential Media Affected: Not reported

Potential Contaminants of Concern: Not reported

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

LUST:

Region: STATE

Global Id: T0607301281

Latitude: 32.8435145

Longitude: -116.8808696

Case Type: LUST Cleanup Site

Status: Completed - Case Closed

Status Date: 01/10/2014

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: CB

Local Agency: SAN DIEGO COUNTY LOP

RB Case Number: 9UT2534

LOC Case Number: H20203-004

File Location: Local Agency

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline

Site History: 7-Eleven Store # 16439 (Site), located at the northeast corner of Olde Highway 80 and Lake Jennings Park Road, is an operating gas station located in a commercial shopping center. The site is bounded by Olde Highway 80 and residential property towards the south, commercial business towards the east, Lake Jennings Park Road towards the west, and Interstate 8 towards the north. On July 27, 1993, soil sampling was conducted during upgrades to the Underground Storage Tank (UST) system at the site. Laboratory results from this initial investigation indicated Total Petroleum Hydrocarbons as gasoline (TPHg) ranging from below laboratory reporting limit (ND) to 8,400 milligrams per kilogram (mg/kg). Based on the results, Unauthorized Release case H20203-004 was opened. Approximately 27 tons of hydrocarbon impacted soil were removed during UST system upgrades. From 1993 to 1998, additional site assessment investigations were conducted to delineate the extent of hydrocarbons in soil and groundwater. These investigations included the installation of twelve groundwater monitoring and sampling wells. Results from soil sampling indicated TPHg concentrations ranging from ND to 5,057 mg/kg. Benzene concentrations in soil ranged from ND to 75.08 mg/kg. Concentrations of benzene and Methyl Tertiary Butyl Ether (MTBE) in groundwater ranged from ND to 20,000 g/L. Dissolved-phase impacts to groundwater extended southwest approximately 250 feet offsite. The site is located in a basin designated for beneficial municipal, agricultural, and industrial process and service supply uses. Groundwater flow direction is towards the southwest. Groundwater monitoring wells installed onsite and offsite have shown that groundwater has been impacted by the unauthorized release. Quarterly groundwater monitoring and sampling was conducted at the site from December 1993

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

through December 2009 and Semi-annually from January 2010 through May 2012. In October 1998, three Air Sparge/Soil Vapor Extraction (AS/SVE) wells were installed. AS/SVE feasibility testing was conducted in December 1998 to obtain a long term cleanup solution. Based on the results, AS/SVE appeared to be an effective remedial alternative and was presented as the chosen remedial alternative in the Corrective Action Plan. In October 1999, an additional five AS/SVE wells were installed. Remedial efforts were conducted from February 2000 through November 2004 and then shut down to evaluate rebound conditions. The system was not restarted following the evaluation. The consultant estimates the AS/SVE system successfully removed approximately 2,394 pounds of hydrocarbons from the site. The consultant estimates approximately 237 cubic yards of hydrocarbon impacted soil greater than 100 mg/kg remain offsite. Remedial actions have reduced hydrocarbon concentrations in groundwater near or below Maximum Concentration Limits. A receptor search was conducted within + mile radius of the site. Based on soil and groundwater concentrations, the consultant concludes there were no potential receptors. The consultant concludes that the remedial alternative has been effective in removing hydrocarbon impacts in soil and groundwater. The consultant recommends no further action for this unauthorized release. DEH concurs with this recommendation.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607301281

Contact Type: Local Agency Caseworker

Contact Name: CRAIG BURNETT

Organization Name: SAN DIEGO COUNTY LOP

Address: P.O. Box 129261

City: SAN DIEGO

Email: craig.burnett@sdcounty.ca.gov

Phone Number: 8585056978

Status History:

Global Id: T0607301281

Status: Open - Case Begin Date

Status Date: 07/27/1993

Global Id: T0607301281

Status: Completed - Case Closed

Status Date: 01/10/2014

Global Id: T0607301281

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Status: Open - Remediation
Status Date: 10/21/1999

Global Id: T0607301281
Status: Open - Eligible for Closure
Status Date: 10/21/1999

Global Id: T0607301281
Status: Open - Verification Monitoring
Status Date: 10/21/1999

Regulatory Activities:
Global Id: T0607301281
Action Type: RESPONSE
Date: 07/27/2010
Action: Monitoring Report - Quarterly

Global Id: T0607301281
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T0607301281
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

Global Id: T0607301281
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0607301281
Action Type: ENFORCEMENT
Date: 06/18/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607301281
Action Type: ENFORCEMENT
Date: 11/16/2010
Action: File review

Global Id: T0607301281
Action Type: RESPONSE

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Date: 01/31/2010

Action: Monitoring Report - Quarterly

Global Id: T0607301281

Action Type: Other

Date: 01/01/1950

Action: Leak Began

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 09/20/1993

Action: Notice of Responsibility

Global Id: T0607301281

Action Type: Other

Date: 01/01/1950

Action: Leak Discovery

Global Id: T0607301281

Action Type: RESPONSE

Date: 08/30/2011

Action: Other Report / Document

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 10/30/2013

Action: Technical Correspondence / Assistance / Other

Global Id: T0607301281

Action Type: Other

Date: 01/01/1950

Action: Leak Reported

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 03/06/2009

Action: Technical Correspondence / Assistance / Other

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 07/09/2009

Action: Letter - Notice

Global Id: T0607301281

Action Type: ENFORCEMENT

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: 1000281959 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A1

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Date: 01/10/2014

Action: Closure/No Further Action Letter

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 06/30/2011

Action: Technical Correspondence / Assistance / Other

Global Id: T0607301281

Action Type: Other

Date: 01/01/1950

Action: Leak Stopped

Global Id: T0607301281

Action Type: RESPONSE

Date: 03/24/2011

Action: Site Assessment Report - Regulator Responded

Global Id: T0607301281

Action Type: RESPONSE

Date: 01/31/2012

Action: Monitoring Report - Quarterly

Global Id: T0607301281

Action Type: ENFORCEMENT

Date: 03/13/2012

Action: Meeting

Global Id: T0607301281

Action Type: RESPONSE

Date: 07/30/2012

Action: Request for Closure - Regulator Responded

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SAN DIEGO CO. SAM

EDR ID: S106916017 **DIST/DIR:** 0.073 WNW **ELEVATION:** 675 **MAP ID:** A2

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 03/23/2010

ADDRESS: 14110 OLDE HY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Remedial Action (Clean-Up)
ID/Status: Closed Case

SOURCE: CA San Diego County Department of Environmental Health

SAN DIEGO CO. SAM:

Case Number: H20203-001

Agency: DEH Site Assessment & Mitigation

Funding: Non Billable

Facility Type: Complaint

Facility Status: Closed Case

Date: 3/7/1985

Date Began: 11/1/1984

Case Number: H20203-002

Agency: DEH Site Assessment & Mitigation

Funding: Non Billable

Facility Type: Failed Integrity Test

Facility Status: Closed Case

Date: 9/15/1987

Date Began: 7/30/1987

Case Number: H20203-003

Agency: DEH Site Assessment & Mitigation

Funding: Non Billable

Facility Type: Failed Integrity Test

Facility Status: Closed Case

Date: 6/16/1988

Date Began: 6/1/1988

Case Number: H20203-004

Agency: DEH Site Assessment & Mitigation

Funding: LOP - State Fund

Facility Type: Drinking Water Aquifer Impacted

Facility Status: Remedial Action (Clean-Up)

Date: 6/15/1999

Date Began: 7/27/1993

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SWEEPS UST

EDR ID: S101301577 **DIST/DIR:** 0.080 WNW **ELEVATION:** 674 **MAP ID:** A3

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 06/01/1994

ADDRESS: 14110 OLD HWY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: A

SOURCE: CA State Water Resources Control Board

SWEEPS UST:

Status: Active
Comp Number: 20203
Number: 9
Board Of Equalization: 44-002251
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020203-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Status: Active
Comp Number: 20203
Number: 9
Board Of Equalization: 44-002251
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020203-000002
Tank Status: A
Capacity: 9940
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 20203
Number: 9
Board Of Equalization: 44-002251
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020203-000003

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SWEEPS UST

EDR ID: S101301577 **DIST/DIR:** 0.080 WNW **ELEVATION:** 674 **MAP ID:** A3

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 06/01/1994

ADDRESS: 14110 OLD HWY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: A

SOURCE: CA State Water Resources Control Board

Tank Status: A
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 20203
Number: 9
Board Of Equalization: 44-002251
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020203-000004
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 20203
Number: 9
Board Of Equalization: 44-002251
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-020203-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: S101301577 **DIST/DIR:** 0.080 WNW **ELEVATION:** 674 **MAP ID:** A3

NAME: 7-ELEVEN FOOD STORE #16439

Rev: 05/01/2014

ADDRESS: 14110 OLD HWY 80
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Remedial action (cleanup) Underway

SOURCE: CA State Water Resources Control Board

LUST REG 9:

Region: 9

Status: Remedial action (cleanup) Underway

Case Number: 9UT2534

Local Case: H20203-004

Substance: Gasoline

Qty Leaked: Not reported

Abate Method: Not reported

Local Agency: San Diego

How Found: Subsurface Monitoring

How Stopped: Repair Piping

Source: Unknown

Cause: Unknown

Lead Agency: Local Agency

Case Type: Aquifer affected

Date Found: 07/27/1993

Date Stopped: 07/27/1993

Confirm Date: 07/27/1993

Submit Workplan: 7/27/93

Prelim Assess: 03/21/1996

Desc Pollution: Not reported

Remed Plan: 01/20/1994

Remed Action: 6/15/99

Began Monitor: Not reported

Release Date: 09/14/1993

Enforce Date: Not reported

Closed Date: Not reported

Enforce Type: Not reported

Pilot Program: LOP

Basin Number: 907.14

GW Depth: Not reported

Beneficial Use: Municipal groundwater use

NPDES Number: 96-41

Priority: 2B

File Disp: Not reported

Interim Remedial Actions: No

Cleanup and Abatement order Number: Not reported

Waste Discharge Requirement Number: Not reported

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113005370 **DIST/DIR:** 0.084 NW **ELEVATION:** 678 **MAP ID:** A4

NAME: 7-ELEVEN STORE 16439

Rev: 12/31/2012

ADDRESS: 14110 OLDE HWY 80
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

HAZNET:

Year: 2012

Gepaid: CAD981406986

Contact: JOSE RIOS

Telephone: 9728286592

Mailing Name: Not reported

Mailing Address: PO BOX 711

Mailing City,St,Zip: DALLAS, TX 752210711

Gen County: San Diego

TSD EPA ID: CAT080013352

TSD County: Los Angeles

Waste Category: Not reported

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 0.1386

Facility County: San Diego

Year: 2011

Gepaid: CAD981406986

Contact: JOSE RIOS, ENVT'L MGR

Telephone: 9728286592

Mailing Name: Not reported

Mailing Address: PO BOX 711

Mailing City,St,Zip: DALLAS, TX 752210711

Gen County: Not reported

TSD EPA ID: CAT080013352

TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 0.0714

Facility County: San Diego

Year: 2011

Gepaid: CAD981406986

Contact: JOSE RIOS, ENVT'L MGR

Telephone: 9728286592

Mailing Name: Not reported

Mailing Address: PO BOX 711

Mailing City,St,Zip: DALLAS, TX 752210711

Gen County: Not reported

TSD EPA ID: NVT330010000

TSD County: Not reported

Waste Category: Other organic solids

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113005370 **DIST/DIR:** 0.084 NW **ELEVATION:** 678 **MAP ID:** A4

NAME: 7-ELEVEN STORE 16439

Rev: 12/31/2012

ADDRESS: 14110 OLDE HWY 80
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)

Tons: 0.1

Facility County: San Diego

Year: 2010

Gepaid: CAD981406986

Contact: JOSE RIOS

Telephone: 9728286592

Mailing Name: Not reported

Mailing Address: PO BOX 711

Mailing City,St,Zip: DALLAS, TX 752210711

Gen County: Not reported

TSD EPA ID: NVT330010000

TSD County: Not reported

Waste Category: Other organic solids

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)

Tons: 0.027

Facility County: San Diego

Year: 2010

Gepaid: CAD981406986

Contact: JOSE RIOS

Telephone: 9728286592

Mailing Name: Not reported

Mailing Address: PO BOX 711

Mailing City,St,Zip: DALLAS, TX 752210711

Gen County: Not reported

TSD EPA ID: CAT080013352

TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 3.6666

Facility County: San Diego

[Click this hyperlink](#) while viewing on your computer to access
31 additional CA_HAZNET: record(s) in the EDR Site Report.

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

UST

EDR ID:	U003937285	DIST/DIR:	0.084 NW	ELEVATION:	678	MAP ID:	A5
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NAME: 7-ELEVEN FOOD STORE #16439

Rev: 03/17/2014

ADDRESS: 14110 OLDE HIGHWAY 80 # 16439
EL CAJON, CA 92021
SAN DIEGO

ID/Status: H20203

SOURCE: CA SWRCB

UST:

Facility ID: H20203

Latitude: 32.8453119

Longitude: -116.879445

Permitting Agency: SAN DIEGO COUNTY

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113136545 **DIST/DIR:** 0.152 ENE **ELEVATION:** 702 **MAP ID:** 6

NAME: LUZAICH STRIPING INC **Rev:** 12/31/2012

ADDRESS: 14219 OLDE HIGHWAY 80
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

HAZNET:

Year: 2010

Gepaid: CAL000292533

Contact: RODNEY LUZAICH

Telephone: 6194437755

Mailing Name: Not reported

Mailing Address: PO BOX 2426

Mailing City,St,Zip: EL CAJON, CA 920210426

Gen County: Not reported

TSD EPA ID: NVT330010000

TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 1.87

Facility County: San Diego

Year: 2008

Gepaid: CAL000292533

Contact: RODNEY LUZAICH

Telephone: 6194437755

Mailing Name: Not reported

Mailing Address: PO BOX 2426

Mailing City,St,Zip: EL CAJON, CA 920210426

Gen County: Not reported

TSD EPA ID: NVT330010000

TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 1.87

Facility County: San Diego

Year: 2007

Gepaid: CAL000292533

Contact: RODNEY LUZAICH

Telephone: 6194437755

Mailing Name: Not reported

Mailing Address: PO BOX 2426

Mailing City,St,Zip: EL CAJON, CA 920210426

Gen County: Not reported

TSD EPA ID: CAD097030993

TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113136545 **DIST/DIR:** 0.152 ENE **ELEVATION:** 702 **MAP ID:** 6

NAME: LUZAICH STRIPING INC **Rev:** 12/31/2012

ADDRESS: 14219 OLDE HIGHWAY 80
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.93

Facility County: San Diego

Year: 2006

Gepaid: CAL000292533

Contact: RODNEY LUZAICH

Telephone: 6194437755

Mailing Name: Not reported

Mailing Address: PO BOX 2426

Mailing City,St,Zip: EL CAJON, CA 920210426

Gen County: Not reported

TSD EPA ID: CAT080033681

TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Recycler

Tons: 1.14

Facility County: San Diego

Year: 2006

Gepaid: CAL000292533

Contact: RODNEY LUZAICH

Telephone: 6194437755

Mailing Name: Not reported

Mailing Address: PO BOX 2426

Mailing City,St,Zip: EL CAJON, CA 920210426

Gen County: Not reported

TSD EPA ID: CAD097030993

TSD County: Not reported

Waste Category: Unspecified organic liquid mixture

Disposal Method: Disposal, Other

Tons: 1.14

Facility County: San Diego

[Click this hyperlink](#) while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113116011 **DIST/DIR:** 0.223 WNW **ELEVATION:** 700 **MAP ID:** B7

NAME: LAKE JENNINGS ARCO **Rev:** 12/31/2012

ADDRESS: 14039 HIGHWAY 8 BUSINESS
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

HAZNET:

Year: 2012

Gepaid: CAL000234781

Contact: HANDLEY MASON COANISH

Telephone: 6199380097

Mailing Name: Not reported

Mailing Address: 14039 HIGHWAY 8 BUSINESS

Mailing City,St,Zip: EL CAJON, CA 920211952

Gen County: San Diego

TSD EPA ID: CAD008252405

TSD County: Los Angeles

Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Tons: 0.35

Facility County: San Diego

Year: 2012

Gepaid: CAL000234781

Contact: HANDLEY MASON COANISH

Telephone: 6199380097

Mailing Name: Not reported

Mailing Address: 14039 HIGHWAY 8 BUSINESS

Mailing City,St,Zip: EL CAJON, CA 920211952

Gen County: San Diego

TSD EPA ID: CAD008252405

TSD County: Los Angeles

Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Tons: 0.35

Facility County: San Diego

Year: 2010

Gepaid: CAL000234781

Contact: HANDLEY MASON COANISH

Telephone: 6199380097

Mailing Name: Not reported

Mailing Address: 14039 HIGHWAY 8 BUSINESS

Mailing City,St,Zip: EL CAJON, CA 920211952

Gen County: Not reported

TSD EPA ID: CAD008252405

TSD County: Not reported

Waste Category: Other organic solids

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

HAZNET

EDR ID: S113116011 **DIST/DIR:** 0.223 WNW **ELEVATION:** 700 **MAP ID:** B7

NAME: LAKE JENNINGS ARCO **Rev:** 12/31/2012

ADDRESS: 14039 HIGHWAY 8 BUSINESS
EL CAJON, CA 92021

SOURCE: CA California Environmental Protection Agency

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.4

Facility County: San Diego

Year: 2010

Gepaid: CAL000234781

Contact: HANDLEY MASON COANISH

Telephone: 6199380097

Mailing Name: Not reported

Mailing Address: 14039 HIGHWAY 8 BUSINESS

Mailing City,St,Zip: EL CAJON, CA 920211952

Gen County: Not reported

TSD EPA ID: CAD008252405

TSD County: Not reported

Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.4

Facility County: San Diego

Year: 2009

Gepaid: CAL000234781

Contact: JUDITH RANSELL

Telephone: 6199380097

Mailing Name: Not reported

Mailing Address: 14039 HIGHWAY 8 BUSINESS

Mailing City,St,Zip: EL CAJON, CA 920211952

Gen County: Not reported

TSD EPA ID: CAD008252405

TSD County: Not reported

Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.25

Facility County: San Diego

[Click this hyperlink](#) while viewing on your computer to access
21 additional CA_HAZNET: record(s) in the EDR Site Report.

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

UST

EDR ID:	U003790011	DIST/DIR:	0.246 NW	ELEVATION:	707	MAP ID:	B8
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NAME: LAKE JENNINGS ARCO

Rev: 03/17/2014

ADDRESS: 14039 HIGHWAY 8 BUSINESS
EL CAJON, CA 92021
SAN DIEGO

ID/Status: H38189

SOURCE: CA SWRCB

UST:

Facility ID: H38189

Latitude: 32.84462

Longitude: -116.88336

Permitting Agency: SAN DIEGO COUNTY

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: S101301595 **DIST/DIR:** 0.299 WNW **ELEVATION:** 703 **MAP ID:** C9

NAME: LAKESIDE FIRE STATION #3

Rev: 05/01/2014

ADDRESS: 14008 HWY 8 BUSINESS
LAKESIDE, CA 92040
SAN DIEGO

ID/Status: Case Closed

SOURCE: CA State Water Resources Control Board

LUST REG 9:

Region: 9

Status: Case Closed

Case Number: 9UT1848

Local Case: H20224-001

Substance: Unleaded Gasoline

Qty Leaked: 0

Abate Method: Not reported

Local Agency: San Diego

How Found: Tank Closure

How Stopped: Close Tank

Source: Unknown

Cause: Unknown

Lead Agency: Local Agency

Case Type: Aquifer affected

Date Found: 06/29/1990

Date Stopped: 06/29/1990

Confirm Date: 08/20/1990

Submit Workplan: 10/29/90

Prelim Assess: 12/27/1990

Desc Pollution: Not reported

Remed Plan: / /

Remed Action: Not reported

Began Monitor: Not reported

Release Date: 06/29/1990

Enforce Date: Not reported

Closed Date: 2/1/96

Enforce Type: Not reported

Pilot Program: LOP

Basin Number: 907.14

GW Depth: 11'

Beneficial Use: MUNBU

NPDES Number: Not reported

Priority: 2B

File Disp: File discarded, case closed

Interim Remedial Actions: Yes

Cleanup and Abatement order Number: Not reported

Waste Discharge Requirement Number: Not reported

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: S105023580 **DIST/DIR:** 0.299 WNW **ELEVATION:** 703 **MAP ID:** C10

NAME: LAKESIDE FIRE STATION #3

Rev: 05/01/2014

ADDRESS: 14008 8 BUSINESS
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

LUST:

Region: STATE
Global Id: T0607300633
Latitude: 32.8571006
Longitude: -116.9195068
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 04/01/1996
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT1848
LOC Case Number: H20224-001
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Status History:

Global Id: T0607300633
Status: Completed - Case Closed
Status Date: 04/01/1996

Global Id: T0607300633
Status: Open - Case Begin Date
Status Date: 06/29/1990

Regulatory Activities:

Global Id: T0607300633
Action Type: Other
Date: 01/01/1950
Action: Leak Began

Global Id: T0607300633
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0607300633
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

- Continued on next page -

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

LUST

EDR ID: S105023580 **DIST/DIR:** 0.299 WNW **ELEVATION:** 703 **MAP ID:** C10

NAME: LAKESIDE FIRE STATION #3

Rev: 05/01/2014

ADDRESS: 14008 8 BUSINESS
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Completed - Case Closed

SOURCE: CA State Water Resources Control Board

Global Id: T0607300633
Action Type: ENFORCEMENT
Date: 08/13/1992
Action: Notice of Responsibility

Global Id: T0607300633
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Site Detail Report

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

SAN DIEGO CO. SAM

EDR ID: S106916457 **DIST/DIR:** 0.299 WNW **ELEVATION:** 703 **MAP ID:** C11

NAME: LAKESIDE FIRE PROTECTION DIST

Rev: 03/23/2010

ADDRESS: 14008 HY 8 BUSINESS
EL CAJON, CA 92021
SAN DIEGO

ID/Status: Closed Case

SOURCE: CA San Diego County Department of Environmental Health

SAN DIEGO CO. SAM:

Case Number: H20224-001

Agency: DEH Site Assessment & Mitigation

Funding: LOP - Federal Fund

Facility Type: Soils Only

Facility Status: Closed Case

Date: 4/1/1996

Date Began: 8/20/1990

Database Descriptions

NPL: NPL National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: DELISTED NPL The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. DELISTED NPL - National Priority List Deletions

CERCLIS: CERCLIS CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System

NFRAP: CERCLIS-NFRAP Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

RCRA TSD: RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

RCRA GEN: RCRA-LQG RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-CESQG - RCRA - Conditionally Exempt Small Quantity Generators.

Federal IC / EC: US ENG CONTROLS A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

Database Descriptions

State/Tribal NPL: RESPONSE Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. RESPONSE - State Response Sites

State/Tribal CERCLIS: ENVIROSTOR The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites. ENVIROSTOR - EnviroStor Database

State/Tribal SWL: SWF/LF (SWIS) Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF (SWIS) - Solid Waste Information System

State/Tribal LTANKS: SAN FRANCISCO CO. LUST ORANGE CO. LUST - List of Underground Storage Tank Cleanups. LUST REG 6L - Leaking Underground Storage Tank Case Listing. LUST REG 2 - Fuel Leak List. LUST REG 4 - Underground Storage Tank Leak List. LUST REG 5 - Leaking Underground Storage Tank Database. LUST REG 7 - Leaking Underground Storage Tank Case Listing. NAPA CO. LUST - Sites With Reported Contamination. LUST REG 8 - Leaking Underground Storage Tanks. SONOMA CO. LUST - Leaking Underground Storage Tank Sites. LUST SANTA CLARA - LOP Listing. SOLANO CO. LUST - Leaking Underground Storage Tanks. VENTURA CO. LUST - Listing of Underground Tank Cleanup Sites. LUST REG 1 - Active Toxic Site Investigation. LUST REG 6V - Leaking Underground Storage Tank Case Listing. SAN MATEO CO. LUST - Fuel Leak List. LUST REG 3 - Leaking Underground Storage Tank Database. LUST REG 9 - Leaking Underground Storage Tank Report. LUST - Geotracker's Leaking Underground Fuel Tank Report. RIVERSIDE CO. LUST - Listing of Underground Tank Cleanup Sites. Riverside County Underground Storage Tank Cleanup Sites (LUST). RIVERSIDE CO. LUST - Listing of Underground Tank Cleanup Sites SLIC - Statewide SLIC Cases. SLIC REG 1 - Active Toxic Site Investigations. SLIC REG 2 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 3 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 4 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 5 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6V - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SLIC REG 6L - SLIC Sites. SLIC REG 7 - SLIC List. SLIC REG 8 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. Sacramento Co. CS - Toxic Site Clean-Up List. SLIC REG 9 - Spills, Leaks, Investigation & Cleanup Cost Recovery Listing. SAN DIEGO CO. SAM - Environmental Case Listing. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R5 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: UST Active UST facilities gathered from the local regulatory agencies UST - Active UST Facilities AST - Aboveground Petroleum Storage Tank Facilities. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land.

State/Tribal VCP: VCP Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. VCP - Voluntary Cleanup Program Properties

Database Descriptions

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

Other SWF: CA LA LF LOS ANGELES CO. LF - List of Solid Waste Facilities. SAN DIEGO CO. LF - Solid Waste Facilities. VENTURA CO. LF - Inventory of Illegal Abandoned and Inactive Sites. Solid Waste Facilities in Los Angeles County. VENTURA CO. LF - List of Solid Waste Facilities WMUDS/SWAT - Waste Management Unit Database.

Other Haz Sites: US CDL A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. US CDL - Clandestine Drug Labs SCH - School Property Evaluation Program. SAN DIEGO CO. HMMD - Hazardous Materials Management Division Database.

Other Tanks: CA FID UST The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data. CA FID UST - Facility Inventory Database ALAMEDA CO. UST - Underground Tanks. KERN CO. UST - Underground Storage Tank Sites & Tank Listing. MARIN CO. UST - Underground Storage Tank Sites. NAPA CO. UST - Closed and Operating Underground Storage Tank Sites. ORANGE CO. UST - List of Underground Storage Tank Facilities. RIVERSIDE CO. UST - Underground Storage Tank Tank List. SAN FRANCISCO CO. UST - Underground Storage Tank Information. SOLANO CO. UST - Underground Storage Tanks. SUTTER CO. UST - Underground Storage Tanks. VENTURA CO. UST - Underground Tank Closed Sites List. YOLO CO. UST - Underground Storage Tank Comprehensive Facility Report. EL SEGUNDO UST - City of El Segundo Underground Storage Tank. LONG BEACH UST - City of Long Beach Underground Storage Tank. UST SAN JOAQUIN - San Joaquin Co. UST. UST MENDOCINO - Mendocino County UST Database. TORRANCE UST - City of Torrance Underground Storage Tank. SWEEPS UST - SWEEPS UST Listing.

Local Land Records: DEED Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners. DEED - Deed Restriction Listing

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System CHMIRS - California Hazardous Material Incident Report System. Orange Co. Industrial Site - List of Industrial Site Cleanups. SPILLS 90 - SPILLS90 data from FirstSearch.

Database Descriptions

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators TRIS - Toxic Chemical Release Inventory System. TSCA - Toxic Substances Control Act. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). SSTS - Section 7 Tracking Systems. ICIS - Integrated Compliance Information System. PADS - PCB Activity Database System. MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. FINDS - Facility Index System/Facility Registry System. RAATS - RCRA Administrative Action Tracking System. BRS - Biennial Reporting System. CORTESE - "Cortese" Hazardous Waste & Substances Sites List. CUPA SAN LUIS OBISPO - CUPA Facility List. CUPA IMPERIAL - CUPA Facility List. CUPA MONO - CUPA Facility List. CUPA DEL NORTE - CUPA Facility List. CUPA SONOMA - Cupa Facility List. CUPA TUOLUMNE - CUPA Facility List. CUPA LAKE - CUPA Facility List. CUPA SANTA CLARA - Cupa Facility List. CUPA CALVERAS - CUPA Facility Listing. CUPA AMADOR - CUPA Facility List. CUPA MADERA - CUPA Facility List. CUPA NEVADA - CUPA Facility List. CUPA BUTTE - CUPA Facility Listing. CUPA MERCED - CUPA Facility List. CUPA SANTA CRUZ - CUPA Facility List. CUPA MONTEREY - CUPA Facility Listing. CUPA SANTA BARBARA - CUPA Facility Listing. CUPA - CUPA Resources List. CUPA EL DORADO - CUPA Facility List. CUPA YUBA - CUPA Facility List. CUPA FRESNO - CUPA Resources List. CUPA KINGS - CUPA Facility List. CUPA INYO - CUPA Facility List. CUPA COLUSA - CUPA Facility List. CUPA SHASTA - CUPA Facility List. CUPA HUMBOLDT - CUPA Facility List. LA Co. Site Mitigation - Site Mitigation List. Sacramento Co. ML - Master Hazardous Materials Facility List. San Bern. Co. Permit - Hazardous Material Permits. HAZNET - Facility and Manifest Data. INDIAN RESERV - Indian Reservations. FEDLAND - Federal and Indian Lands. WDS - Waste Discharge System. PRP - Potentially Responsible Parties. US AIRS MINOR - Air Facility System Data. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS).

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal NPL: Department of Toxic Substances Control

Updated Quarterly

State/Tribal CERCLIS: Department of Toxic Substances Control

Updated Quarterly

State/Tribal SWL: Department of Resources Recycling and Recovery

Updated Quarterly

State/Tribal LTANKS: California Regional Water Quality Control Board Colorado River Basin Region (7)

No Update Planned

Database Sources

State/Tribal Tanks: SWRCB

Updated Semi-Annually

State/Tribal VCP: Department of Toxic Substances Control

Updated Quarterly

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other SWF: Department of Health Services

Varies

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Other Tanks: California Environmental Protection Agency

No Update Planned

Local Land Records: DTSC and SWRCB

Updated Semi-Annually

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 14135 OLDE HIGHWAY 80
EL CAJON, CA 92021

JOB: NA

Street Name	Dist/Dir	Street Name	Dist/Dir
Attisha Way	0.22 NNE		
Blossom Valley Rd	0.17 North		
Calle de Ernesto	0.15 SSE		
Connecting Road	0.13 NNE		
Highway 8 Business	0.25 WNW		
I 8	0.11 NNW		
Jennings Vista Cir	0.23 North		
Kelli Ln	0.14 SE		
Lake Jennings Park Rd	0.09 West		
Oakcreek	0.18 East		
Olde Highway 80	0.04 NNW		
Pecan Park Ln	0.02 North		
Ramp	0.06 WNW		
Ridge Hill Rd	0.08 WSW		
Rios Canyon Rd	0.13 ENE		
Sesi Ln	0.23 North		
Sierra Alta Way	0.06 SSW		
Twin Oak	0.16 ESE		
Vista Entrada	0.23 NNE		

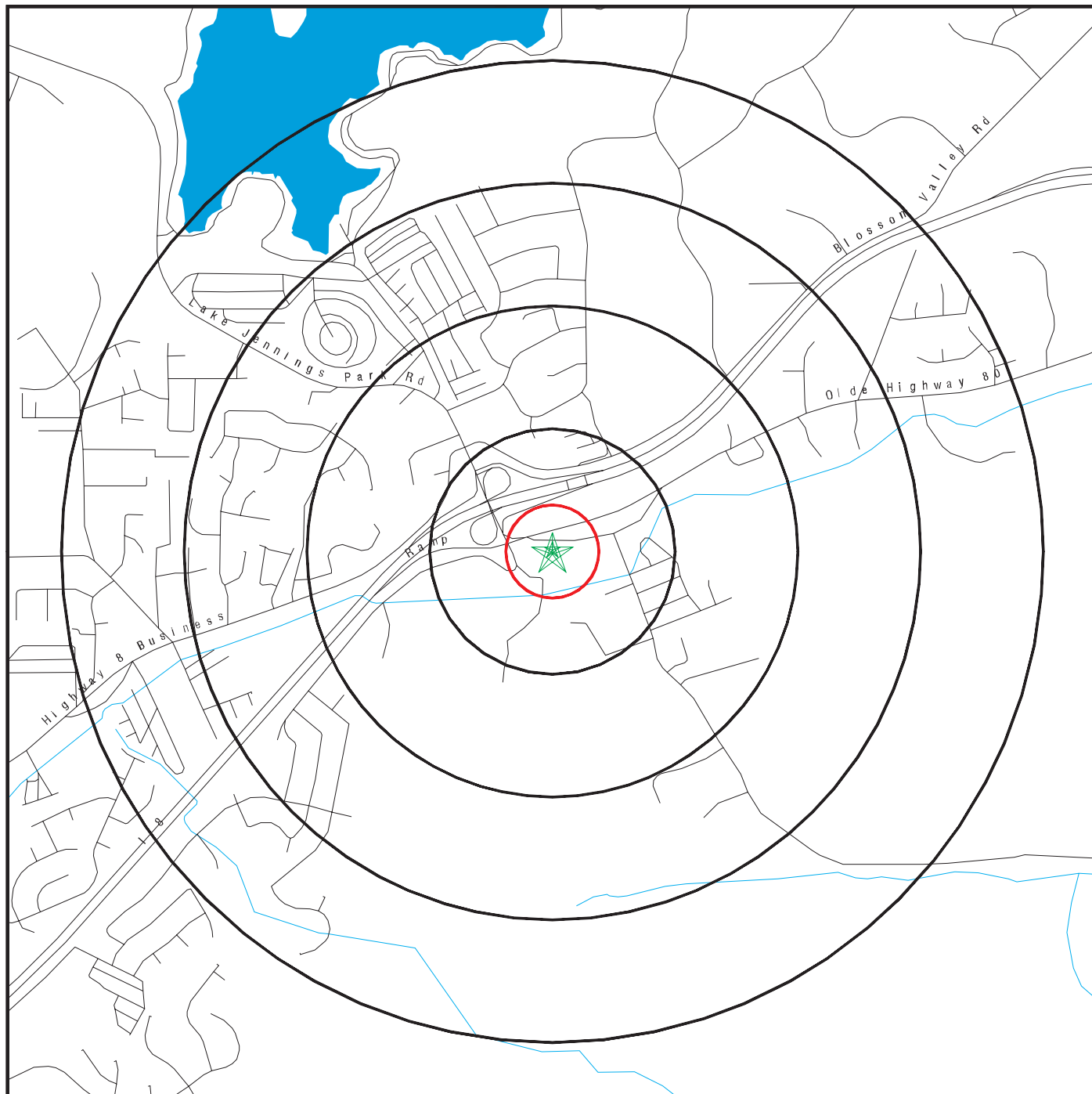
Environmental FirstSearch

1.000 Mile Radius

ASTM MAP: NPL, RCRACOR, STATES Sites



14135 OLDE HIGHWAY 80 EL CAJON, CA 92021



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 32.8432 Longitude: 116.8795)
- ▲ Identified Sites
- Indian Reservations BIA
- National Priority List Sites

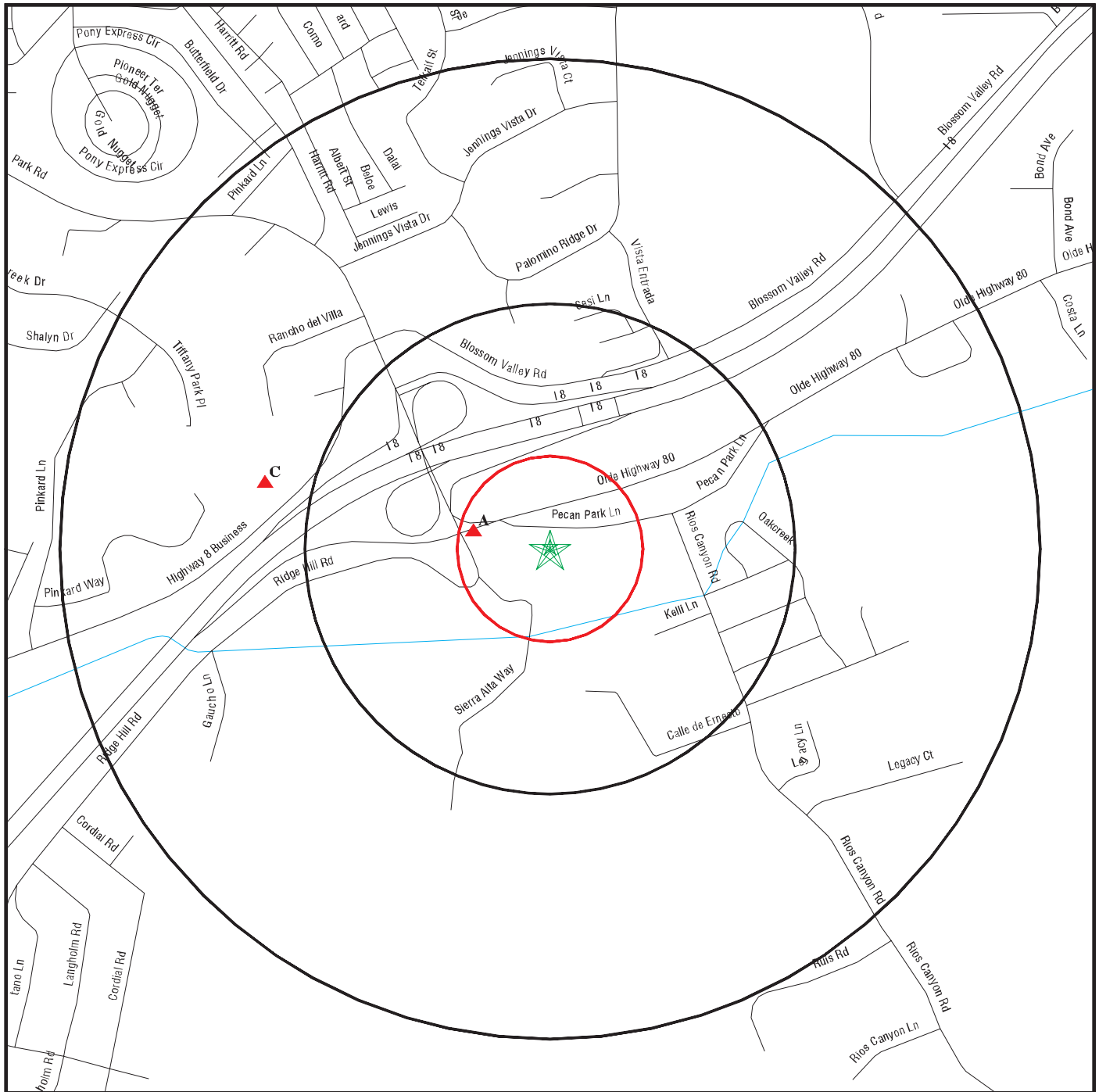
Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL



14135 OLDE HIGHWAY 80 EL CAJON, CA 92021



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 32.8432 Longitude: 116.8795)
- ▲ Identified Sites
- Indian Reservations BIA
- National Priority List Sites

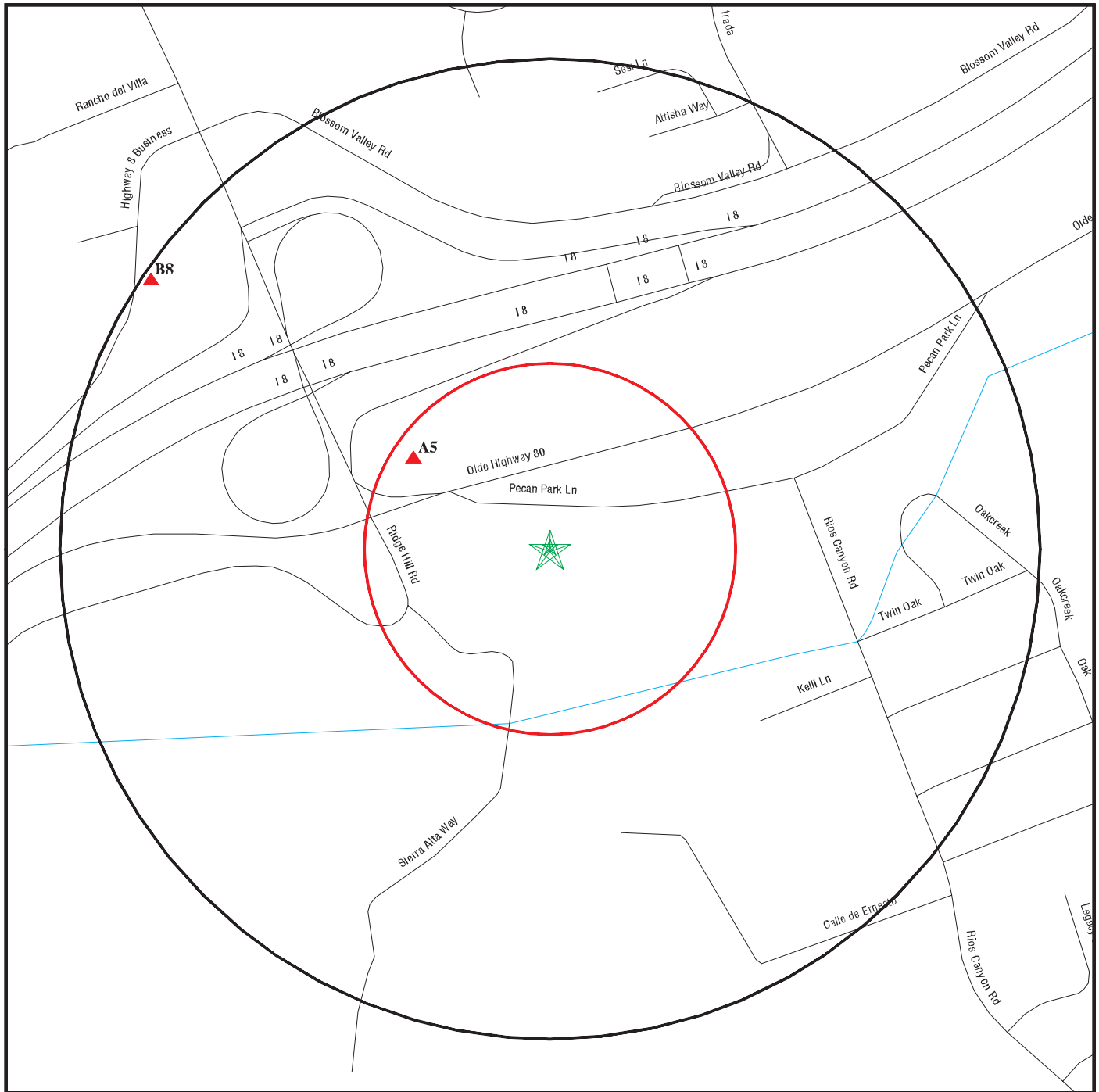
Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



14135 OLDE HIGHWAY 80 EL CAJON, CA 92021



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

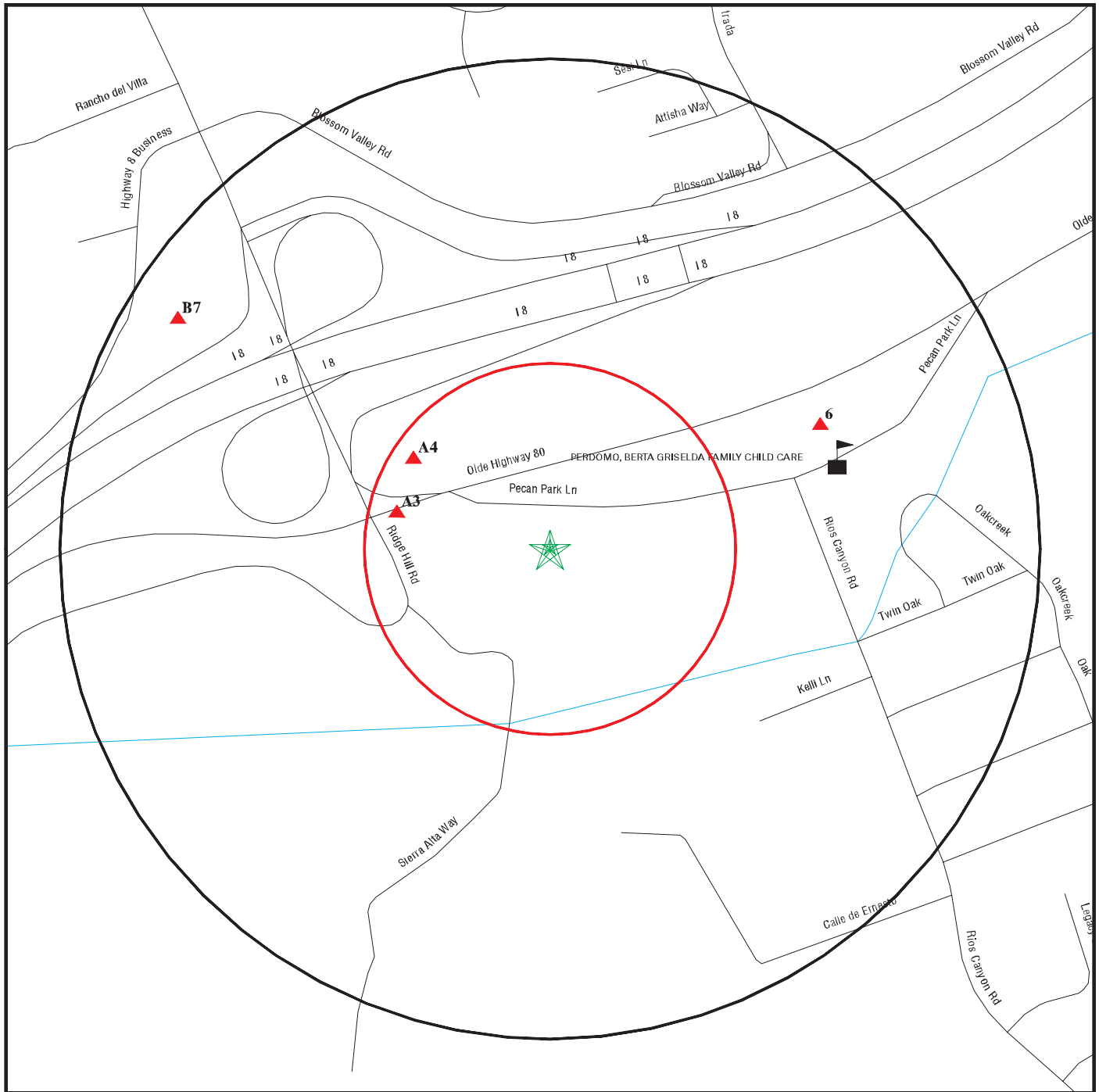
- ★ Target Property (Latitude: 32.8432 Longitude: 116.8795)
- ▲ Identified Sites
- Indian Reservations BIA
- National Priority List Sites

Environmental FirstSearch

0.25 Mile Radius
Non ASTM Map, Spills, FINDS



14135 OLDE HIGHWAY 80 EL CAJON, CA 92021



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

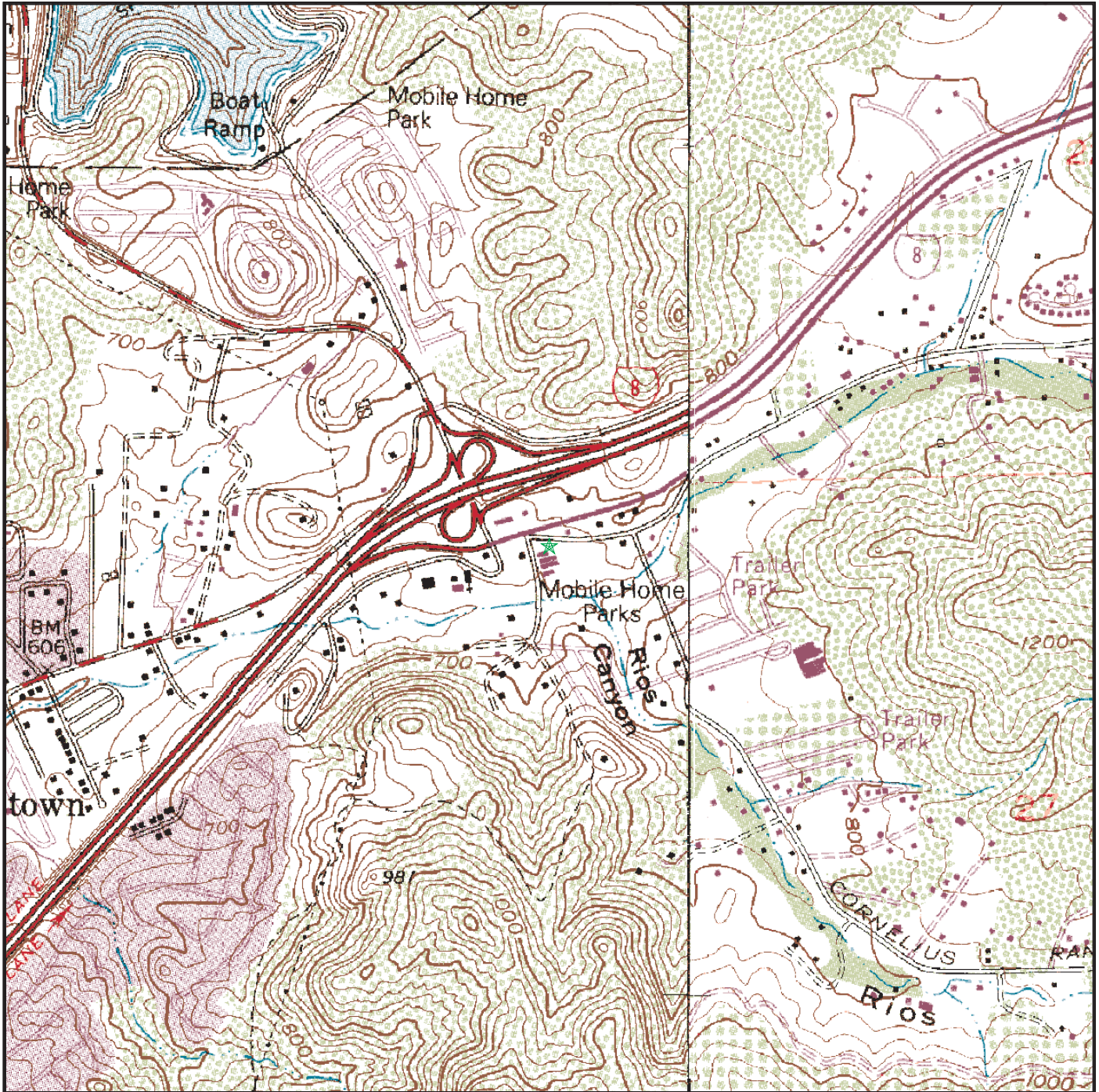
- ★ Target Property (Latitude: 32.8432 Longitude: 116.8795)
- ▲ Identified Sites
- Sensitive Receptors
- National Priority List Sites
- ▨ Indian Reservations BIA

Site location Map

Topo: 0.75 Mile Radius



14135 OLDE HIGHWAY 80 EL CAJON, CA 92021



Map Image Position: TP
Map Reference Code & Name: 32116-G8 El Cajon
Map State(s): CA
Modified Date: 1975
Map Image Position: E
Map Reference Code & Name: 32116-G7 Alpine
Map State(s): CA
Modified Date: 1988

RÉSUMÉS

HARRY K. BISHOP, PhD, REA, PE SENIOR PROFESSIONAL ENGINEER

Education

MS, PhD – Chemical Engineering, University of Southern California

BS, Chemical Engineering, University of Oklahoma

MSc, Meteorology, Massachusetts Institute of Technology

Licenses, Certification, and Training

Registered California Professional Engineer (1973, California)

Hazardous Materials Management, University of California San Diego

Certificate in Air Quality Management, University of California San Diego

Certificate in Environmental Auditing, University of California Irvine

Certificate in ANSI-RAB NAP EMS Lead Auditing, SGS International

Professional Experience

Dr. Bishop is an environmental engineer with a wealth of knowledge and experience related to environmental issues; such as methane gas at landfills, hazardous waste in the subsurface, and leaking underground storage tanks. His experience includes managing a 35 person, California-certified central laboratory, capable of performing a full range of fuel, environmental, and material analyses. As an environmental engineer, Dr. Bishop combines his knowledge of chemistry, engineering, and the regulatory arena to efficiently process and obtain permits for wastewater and storm water discharges, identify environmental health risks, prepare risk management prevention plans, and complete environmental site assessments.

Project Experience

American Pest Control Post Tank Removal Assessment. An underground storage tank was moved from the site where American Pest Control has their office. The removed underground storage tank had many holes and initial soil sampling results indicated a gasoline and diesel release had occurred. Dr. Bishop prepared and implemented a post tank removal workplan to assess petroleum hydrocarbons in the soil and to remove any impacted soil. Soil was assessed using a track-mounted excavator and stockpiling the soil onsite for characterization, and later reuse or disposal. The assessment included the lateral and vertical extent of the petroleum hydrocarbon-bearing soil. Collected soil samples were analyzed with a mobile laboratory. Depending on analyses results, soil was used for backfill or transported off-site for treatment. The surface was returned to its original level and condition. The post tank removal assessment report indicated it is unlikely that any exposure pathways are present.

ALTA@6th & Market Mixed-Use Redevelopment. While constructing Alta, a 21-story mixed use development in downtown San Diego, Anka Development's contractor discovered unidentified contamination during mass excavation. Approximately 90 percent of the subsurface was impacted by gasoline releases from off-site sources. Dr. Bishop provided litigation support services on behalf of the Anka in their cost recovery efforts.

Big Bear Galleria Subsurface Investigation. Dr. Bishop completed a Phase I environmental site assessment for Big Bear Galleria, LLC who is acquiring 8.35 acres of land in Big Bear, California. After completing the assessment, he identified underground storage tanks and inground hydraulic lifts at the site. Based on the recognized environmental conditions, the shallow depth to groundwater, and the planned acquisition of the Site, Dr. Bishop proceeded with a subsurface investigation. The investigation used borings to assess the concentrations of total petroleum hydrocarbon, volatile organic compounds, and polychlorinated biphenyls in the shallow soil and groundwater. A geophysical survey was conducted to identify geophysical anomalies.

Poway As Needed Environmental Services. The Poway Redevelopment Agency is redeveloping several areas along major transportation corridors. To resolve environmental issues and obtain regulatory agency compliance, Dr. Bishop provides providing environmental consulting services. These services include completing Phase I environmental site assessments and subsurface investigations.

Lemon Grove Environmental Services. To gather information about contamination from current and historical land uses, Dr. Bishop completed environmental site assessments of parcels in Lemon Grove's Redevelopment Area. During the assessments, possible risks to human health and the environment from current and past land uses were discovered. The assessments indicated that several dry cleaners and automotive repair shops have been or are currently located in the area. One significant dry cleaning solvent plume was identified. Planning is underway for appropriate cleanup strategies for impacted properties, including institutional controls.

Pacific Gateway Development. The Pacific Gateway Development effort will redevelop eight blocks into several high-rise buildings, a museum, offices, and hotels. The project will include extensive underground parking. Dr. Bishop conducted historical research to prepare the area for redevelopment. Materials reviewed included historical maps, directories, aerial photographs, previous reports, past newspaper accounts, and other written histories going back to the beginning of the 20th century. The research discovered the site originally consisted of bay flat, tidal flats, and marshes around the margins of San Diego Bay. Around 1914 the site was reclaimed by hydraulically placed fill dredged from San Diego Bay. Historical land uses included uncontrolled dumping at a "garbage wharf," fuel storage and hauling company, gas stations, coal bunkers and associated rail operations, and 11 underground storage tanks were removed or abandoned in place. There was evidence a manufactured gas plant may have been on the site.

FF Development 5201 Ruffin Road Regulatory Database Review. FF Development is proposing to redevelop 19.38 acres along Ruffin Road in San Diego, California for residential use. To assess the potential impacts from offsite sources of toxic or hazardous air contaminants and toxic or hazardous substances at commercial and industrial facilities within a quarter mile of

the site, Dr. Bishop completed a regulatory agency records review. The review identified several facilities within a quarter mile of the site do handle or have handled hazardous materials. Based on Dr. Bishop's research, the depth to groundwater in the vicinity of the site, location of the facilities with respect to the interpreted groundwater flow direction, and his experience, Dr. Bishop indicated there is a low likelihood that a recognized environmental condition exists.

Los Vientos Redevelopment Environmental Site Assessments. Dr. Bishop completed Phase I and II environmental site assessments for this taxed credit, multi-tenant, low-income housing redevelopment project. The Phase II environmental site assessment used a soil vapor survey, geophysical survey, and soil sampling to determine the presence and concentrations of environmental contaminants. An asbestos and lead-based paint survey was completed that included bulk sampling of suspect asbestos-containing materials and lead-based paints. Findings were presented in a report with figures and tables depicting sampling and material locations, abatement cost estimates, and technical specifications for removal.

Port of San Diego Environmental Services. The Port of San Diego routinely determines environmental conditions for properties within their jurisdiction. Several areas of the Port of San Diego are environmentally impaired from industrial and commercial uses. Dr. Bishop assisted the Port of San Diego with determining environmental issues at these sites and developing approaches for remediation. Services provided by Dr. Bishop included environmental assessments, remediation, permitting, regulatory compliance, hazardous waste management and disposal, and risk assessment.

Due Diligence Environmental Site Assessments. Working with developers, investors, and lending institutions, Dr. Bishop completes Phase I environmental site assessments for property transactions as part of the due diligence process required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Dr. Bishop has completed the following Phase I environmental site assessments:

- 5th Rock LLC- Fifth Avenue Redevelopment Site, San Diego, California
- Spinnaker Waterfront Hotel, LLC-Spinnaker Hotel, San Diego, California
- Sunroad Development-Main Street Development, Chula Vista, California
- AMCAL Multi-Housing, Inc.-555 9th Avenue Residential Redevelopment, Oakland, California
- AMCAL Multi-Housing, Inc.-4th Avenue Residential Redevelopment, El Centro, California
- Cruzan Monroe-Camino Corporate Center, Carlsbad, California
- Community Housing Works – Alabama Street Multi-Family Residential, San Diego, California
- Copley Park Developers, LLC, Copley Park Place Development, San Diego, California
- Global Premier-Monterey Family Apartments, San Jose, California
- La Maestra Community Health Centers-43rd and University Community Health Center, San Diego, California
- Pioneer Centers- Miramar Audi and Volkswagen, San Diego, California

LUKE MONTAGUE, PG

Education

MS – Environmental Science and Management, University of California Santa Barbara, 2004

BS – Geology, University of California Santa Barbara, 1998

Licenses

Professional Geologist, California (Lic. 8071)

General Building Contractor, B Classification, California (Lic. 981618)

Certifications

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations and Emergency Response (HAZWOPER) 40-Hour Training

Real Estate Entitlement, Development, and Design, University of San Diego, 2010

Real Estate Finance, Investments, and Development, University of San Diego, 2010

Professional Experience

Luke Montague is a professional geologist (PG) and licensed contractor with 13 years of experience in environmental consulting, general contracting, commercial and residential development, and property and asset management. He has performed and reviewed over five hundred Phase I environmental site assessments, and has completed subsurface investigations, geotechnical investigations, removal action work plans, site remediation activities, asbestos and lead-based paint surveys, and asbestos air monitoring. His development, general contracting, and property and asset management experience includes managing construction through lease-up; lease administration and property operations and maintenance; contract procurement and administration; oversight of subcontractors and staff; and interfacing with clients, owners, tenants, and regulatory agencies.

Project Experience

San Diego County Water Authority (SDCWA), Environmental Consulting Services, San Diego, CA. As Project Manager, completed several environmental site assessments and subsurface assessments to assist the SDCWA obtain easements required to complete the Carlsbad Desalination Project.

City of Encinitas, Site Investigation and Planning, Encinitas Community Park, Encinitas, CA. As Project Geologist, provided oversight for the mitigation and monitoring activities of pesticides in soil from the Hall Property, which consists of 43-acres of coastal bluff formerly used as a nursery, currently being redeveloped into a community park. Under the oversight of

the County of San Diego Department of Environmental Health, work consisted of: Phase II environmental site assessments, preparation and implementation of a Soil Management Plan for on-site reuse of pesticide-impacted soil in a Soil Management Zone, procedures and plans for the excavation and reuse of pesticide impacted soil, preparation of a Community Health and Safety Plan to monitor and suppress dust generated during excavation activities, and a Property Closure Report.

Los Angeles Unified School District, Assessment and Remediation, Various Locations in Los Angeles County, CA. Managed and performed the environmental characterization and clean-up of various proposed school redevelopment projects overseen by the California Department of Toxic Substances Control (DTSC) that required Phase I environmental site assessments, preliminary environmental assessments or subsurface investigations, and preparation and implementation of removal action work plans to obtain “no further action” status prior to redevelopment.

City Heights Revitalization Corporation, Brownfields Assessment and Remediation, City Heights, CA. Managed a subsurface investigation for an entire brownfield city block planned for redevelopment. The investigation included extensive drilling, trenching, and hand auguring to estimate the volume of lead- and hydrocarbon-impacted soil from residual contamination from a former service station and from lead-based paint. Work also included negotiation of clean up levels with the local regulatory agency.

Casmalia Steering Committee, Remedial Investigation, Casmalia, CA. Managed and performed soil vapor sampling at the Casmalia Hazardous Waste Management Facility, a Class I hazardous waste site, for a remedial investigation and feasibility study of soil gas impacts submitted to the Environmental Protection Agency (EPA). Soil gas impacts to ecological receptors were assessed considering specific regulatory guidance including the joint DTSC and Los Angeles Regional Water Quality Control Board (LAWQCB) Advisory on Active Soil Gas Investigations.

The Boeing Company, Underground Storage Tanks Assessment, Long Beach, CA. Performed subsurface vapor intrusion to indoor air analysis at a former aeronautics manufacturing facility. Soil, soil vapor, and sub-slab soil vapor assessments were conducted to determine appropriate corrective actions associated with former solvent underground storage tanks (USTs). Work was performed under the corrective action consent agreement with the DTSC.

Trihydro Corporation, Soil Vapor Sampling, Hooven, OH. Performed soil vapor sampling from indoor air probes and outdoor multi-level probes at residences in Hooven, Ohio. This project focused on helping evaluate the potential for subsurface vapor intrusion to indoor air from volatilization of petroleum hydrocarbons in groundwater or light, non-aqueous phase liquid petroleum product, originating from an adjacent former fuel and asphalt petroleum refinery. The vapor intrusion pathway was evaluated based on a request by the EPA, Region V, and was performed in accordance with the EPA-issued document: Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soil, 2002.

CSK Auto, Phase I Environmental Site Assessments, Various Sites in the Western US.

Conducted Phase I environmental site assessments (ESAs), subsurface investigations, and geotechnical investigations for the development of auto parts chain stores in the Western US. Work included site investigations, drilling operations, and records research.

AT&T/Gianni & Associates, Phase I ESAs and Geotechnical Investigations, San Diego, CA.

Completed Phase I ESAs, transaction screen assessments, National Environmental Policy Act (NEPA) reports, asbestos surveys, and geotechnical investigations involving the development of wireless communications sites.

Ford Mance Company, Construction and Property Management, Mixed-Use Building at 111

Chesterfield Drive, Encinitas, CA. Served as project manager during development and construction phases of a 2-story, Type V, 3,874 square foot mixed use building with subterranean parking. Responsibilities included managing all phases of construction, shell and tenant improvements, and assisting in construction supervision activities and lease up. Development activities included oversight and collaboration of architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decisions, obtaining various permits, and preparing cost and budgets. After construction, Mr. Montague also served as the property and asset manager.

Ford Mance Company, Construction and Property Management, Del Norte Medical Plaza,

Carlsbad, CA. Served as project manager during development and construction of a 2-story, Type II, medical building with subterranean parking. Responsibilities included contracting out all phases of shell construction of 22,000 square feet of rentable area for medical use, collaborative oversight concerning architectural, mechanical, electrical, and plumbing plans preparation, assisting with design research and decision-making, obtaining various permits, and preparing costs and budgets. After construction, Mr. Montague also served as property and asset manager.

California Department of Fish and Game, Carpinteria Creek Watershed Plan, Carpinteria, CA.

Collaborated local and state government representatives, and various stakeholders to aid in preparing the Carpinteria Creek Watershed Plan under the Cachuma Resource Conservation District for the California Department of Fish and Game. Work consisted of research, meetings, various field assessments, report writing, and map creation. The Plan served as an amendment to the Water Quality Control Plan for the Central Coast Region.