

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLORO BENZENE (µg/L)							
						CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	70							
						RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25						
ON-SITE A-ZONE LOCATIONS																										
A-Zone Hydropunch Locations																										
B-09-TR	3/25/1993	25 ft	on-site	CTL	8010	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	< 1	u	NS	NS	< 1	u					
B-12-TR	8/19/1993	25 ft	on-site	CTL	8010	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	< 1	u	NS	NS	< 1	u					
B-13-TR	8/19/1993	25 ft	on-site	CTL	8010	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	< 1	u	NS	NS	< 1	u					
B-20-TR	11/14/1995	21 ft	on-site	AEN	8010	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
B-21-TR	11/15/1995	29 ft	on-site	AEN	8010	< 0.5	u	0.8		< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
B-24-TR	11/15/1995	21.5 ft	on-site	AEN	8010	420		< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
B-27-TR	11/16/1995	19 ft	on-site	AEN	8010	< 0.5	u	17		< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
B-30-TR	11/16/1995	17.5 ft	on-site	AEN	8010	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
B-33-TR	11/16/1995	19 ft	on-site	AEN	8010	< 0.5	u	48		< 0.5	u	< 0.5	u	2		< 2	u	NS	NS	< 0.5	u					
B-35	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	5.6		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
B-36	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	1.9		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	NS	< 10	u	< 0.5	u		
B-37	9/25/2001	26 Ft	on-site	CTBERK	8260B	< 0.5	u	7.4		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-38	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	3.7		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-39	9/25/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	11		0.6		< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-40	9/25/2001	24 Ft	on-site	CTBERK	8260B	2.2		2.1		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-41	9/26/2001	28 Ft	on-site	CTBERK	8260B	130		14		< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-42	9/26/2001	20 Ft	on-site	CTBERK	8260B	330		43		< 1	u	< 1	u	< 20	u	< 1	u	< 1	u	< 2	u	NS	< 20	u	< 1	u
B-43	9/26/2001	19 Ft	on-site	CTBERK	8260B	330		42		< 1.3	u	< 1.3	u	< 25	u	< 1.3	u	< 1.3	u	< 2.5	u	NS	< 25	u	< 1.3	u
B-44	9/26/2001	28 Ft	on-site	CTBERK	8260B	9.4		18		9.4		0.9		< 0.5	u	0.6		< 10	u	< 0.5	u	NS	< 10	u	< 0.5	u
B-45	9/26/2001	24 Ft	on-site	CTBERK	8260B	< 6.3	u	< 6.3	u	< 6.3	u	< 6.3	u	< 130	u	< 6.3	u	< 6.3	u	< 13	u	NS	< 130	u	< 6.3	u
B-46	9/27/2001	20 Ft	on-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	11	U	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u
B-47	10/3/2001	26 Ft	on-site	CTBERK	8260B	20		550		12		< 1.7	u	9.0		< 1.7	u	< 33	u	< 1.7	u	NS	< 33	u	< 1.7	u
B-48	10/3/2001	22 Ft	on-site	CTBERK	8260B	3.8		920		22		< 2.5	u	16		< 2.5	u	< 50	u	< 2.5	u	NS	< 50	u	< 2.5	u
B-49	9/27/2001	20 Ft	on-site	CTBERK	8260B	< 5	u	1600		51		< 5	u	29		< 5	u	< 100	u	< 5	u	NS	< 100	u	< 5	u
B-50	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	1300		72		< 4.2	u	28		< 4.2	u	< 83	u	< 4.2	u	NS	< 83	u	< 4.2	u
B-50 Duplicate	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	1200		68		< 4.2	u	28		4.2		< 83	u	< 4.2	u	NS	< 83	u	< 4.2	u
B-51	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 5	u	1500		87		< 5	u	32		< 5	u	< 100	u	< 5	u	NS	< 100	u	< 5	u
B-52	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	2000		74		< 7.1	u	38		< 7.1	u	< 140	u	< 7.1	u	NS	< 140	u	< 7.1	u
B-52 Duplicate	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	2000		73		< 7.1	u	35		< 7.1	u	< 140	u	< 7.1	u	NS	< 140	u	< 7.1	u
B-53	10/1/2001	24 Ft	on-site	CTBERK	8260B	5.5		1700		78		< 5	u	51		< 5	u	< 100	u	< 5	u	NS	< 100	u	< 5	u
B-54	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 7.1	u	2500		90		< 7.1	u	65		< 7.1	u	< 140	u	< 7.1	u	NS	< 140	u	< 7.1	u
B-55	10/1/2001	24 Ft	on-site	CTBERK	8260B	1.0		270		8.0		< 1	u	9.8		< 1	u	< 20	u	< 1	u	NS	< 20	u	< 1	u
B-56	10/1/2001	32 Ft	on-site	CTBERK	8260B	1.0		63		< 0.5	u	< 0.5	u	6.1		< 0.5	u	< 10	u	< 0.5	u	NS	< 10	u	< 0.5	u
B-57	9/24/2001	32 Ft	on-site	CTBERK	8260B	0.6		19		< 0.5	u	< 0.5	u	1.1		< 0.5	u	< 10	u	< 0.5	u	NS	< 10	u	< 0.5	u
B-57 Duplicate	9/24/2001	32 Ft	on-site	CTBERK	8260B	0.6		19		< 0.5	u	< 0.5	u	1.0		< 0.5	u	< 10	u	< 0.5	u	NS	< 10	u	< 0.5	u
B-58	9/24/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 10	u	< 0.5	u	NS	< 10	u	< 0.5	u
B-60	9/18/2003	35 Ft	on-site	STLSEA	8260B	< 1	u	20.9		< 1	u	< 1	u	0.643	j	< 1	u	< 5	u	< 1	u	NS	< 5	u	< 1	u
B-63	9/19/2003	35 Ft	on-site	STL																						

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Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)											
ON-SITE A-ZONE LOCATIONS						CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5										
A-Zone Hydropunch Locations																														
B-09-TR	3/25/1993	25 ft	on-site	CTL	8010	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	NS	NS	< 20	u	NS	NS	NS	< 1	u	< 1	u				
B-12-TR	8/19/1993	25 ft	on-site	CTL	8010	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	NS	NS	< 20	u	NS	NS	NS	< 1	u	< 1	u				
B-13-TR	8/19/1993	25 ft	on-site	CTL	8010	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	NS	NS	< 20	u	NS	NS	NS	< 1	u	< 1	u				
B-20-TR	11/14/1995	21 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-21-TR	11/15/1995	29 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-24-TR	11/15/1995	21.5 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-27-TR	11/16/1995	19 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-30-TR	11/16/1995	17.5 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-33-TR	11/16/1995	19 ft	on-site	AEN	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS	NS	< 0.5	u	< 0.5	u				
B-35	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-36	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-37	9/25/2001	26 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	0.5	< 0.5	u	< 0.5	u		
B-38	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-39	9/25/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-40	9/25/2001	24 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-41	9/26/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u			
B-42	9/26/2001	20 Ft	on-site	CTBERK	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	< 20	u	< 20	u	< 1	u	< 1	u	< 1	u			
B-43	9/26/2001	19 Ft	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 25	u	< 1.3	u	< 1.3	u			
B-44	9/26/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	2.0	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u		
B-45	9/26/2001	24 Ft	on-site	CTBERK	8260B	< 6.3	u	< 13	u	< 6.3	u	< 6.3	u	< 6.3	u	< 6.3	u	< 130	u	< 130	u	< 130	u	1500	< 6.3	u	< 6.3	u		
B-46	9/27/2001	20 Ft	on-site	CTBERK	8260B	0.6	J	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
B-47	10/3/2001	26 Ft	on-site	CTBERK	8260B	< 1.7	u	< 3.3	u	< 1.7	u	2.0	< 1.7	u	< 1.7	u	< 33	u	< 33	u	< 33	u	2.8	< 1.7	u	< 1.7	u	< 1.7	u	
B-48	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 50	u	< 2.5	u	< 2.5	u	< 2.5	u	
B-49	9/27/2001	20 Ft	on-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	9.3	< 5	u	< 5	u	< 5	u	< 100	u	< 100	u	< 5	u	< 5	u	< 5	u	< 5	u
B-50	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	8.7	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 83	u	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
B-50 Duplicate	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	8.7	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 83	u	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
B-51	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	7.7	< 5	u	< 5	u	< 100	u	< 100	u	< 100	u	< 5	u	< 5	u	< 5	u	< 5	u
B-52	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	< 14	u	< 7.1	u	8.9	< 7.1	u	< 7.1	u	< 7.1	u	< 140	u	< 140	u	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u
B-52 Duplicate	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	< 14	u	< 7.1	u	8.7	< 7.1	u	< 7.1	u	< 7.1	u	< 140	u	< 140	u	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u
B-53	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	11	< 5	u	< 5	u	< 100	u	< 100	u	< 100	u	< 5	u	< 5	u	< 5	u	< 5	u
B-54	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 7.1	u	< 14	u	< 7.1	u	15	< 7.1	u	< 7.1	u	< 7.1	u	< 140	u	< 140	u	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u
B-55	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 1	u	< 2	u	< 1	u	1.7	< 1	u	< 1	u	< 20	u	< 20	u	< 20	u	< 1	u	< 1	u	< 1	u	< 1	u
B-56	10/1/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
B-57	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
B-57 Duplicate	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
B-58	9/24/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
B-60	9/18/2003	35 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	
B-63	9/19/2003	35 Ft	on-site	STLSEA	8260B	< 100	u	< 200	u	< 100	u	95.2	< 100	u	< 100	u	< 500	u	< 200	u	< 500	u	< 100	u	< 100	u	< 100	u	< 100	u
B-65	10/1/2003	24 Ft	on-site	STLSEA	8260B	1.55	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	
B-66	9/19/2003	35 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	
B-67	9/18/2003	35 Ft	on-site	STLSEA	8260B	< 100	u	< 200	u	< 100	u	< 100	u	< 100	u	< 500	u	< 200	u	< 500	u	< 100	u	< 100	u	< 100	u	< 100	u	
B-68	9/30/2003	30 Ft	on-site	STLSEA	8260B	< 1000	u	< 2000	u	< 1000	u	< 1000	u	< 1000	u	< 1000	u	< 5000	u	< 2000	u	< 5000	u	< 1000	u	< 1000	u	< 1000	u	
B-69	9/17/2003	35 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	
B-70	9/18/2003	30 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	
B-74	9/18/2003	35 Ft	on-site	STLSEA	8260B	< 100	u	< 200	u	< 100	u	< 100	u	< 100	u	< 500	u	< 200	u	< 500	u	< 100	u	< 100	u	< 100	u	< 100	u	
B-75	9/22/2003	35 Ft	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 2	u	< 10	u	< 4	u	< 10	u	< 2	u	< 2	u	< 2	u	< 2	u	
B-77	9/19/2003	35 Ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u	< 50	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u	
B-78	9/23/2000	30 Ft	on-site	STLSEA	8260B	< 2	uR	< 4	uR	< 2	uR	< 2																		

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)		1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)		ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)			
						CA MCL	-	-	-	-	-	-	1,750	-	-	-	-	-	-	-	-	-		
						RWQCB ESL	-	-	-	-	-	-	13	-	-	-	-	-	-	-	-	-		
ON-SITE A-ZONE LOCATIONS																								
A-Zone Hydropunch Locations																								
B-09-TR	3/25/1993	25 ft	on-site	CTL	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-12-TR	8/19/1993	25 ft	on-site	CTL	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-13-TR	8/19/1993	25 ft	on-site	CTL	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-20-TR	11/14/1995	21 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-21-TR	11/15/1995	29 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-24-TR	11/15/1995	21.5 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-27-TR	11/16/1995	19 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-30-TR	11/16/1995	17.5 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-33-TR	11/16/1995	19 ft	on-site	AEN	8010	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
B-35	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-36	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-37	9/25/2001	26 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-38	9/25/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-39	9/25/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-40	9/25/2001	24 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-41	9/26/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-42	9/26/2001	20 Ft	on-site	CTBERK	8260B	< 1	u	NS		< 1	u	NS	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	
B-43	9/26/2001	19 Ft	on-site	CTBERK	8260B	< 1.3	u	NS		< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u	NS	< 1.3	u	
B-44	9/26/2001	28 Ft	on-site	CTBERK	8260B	3.4		NS		< 0.5	u	NS	3.0	NS	< 0.5	u	< 0.5	u	7.4	3.3	NS	1.7		
B-45	9/26/2001	24 Ft	on-site	CTBERK	8260B	< 6.3	u	NS		< 6.3	u	NS	< 6.3	u	< 6.3	u	< 6.3	u	14	< 6.3	u	NS	< 6.3	u
B-46	9/27/2001	20 Ft	on-site	CTBERK	8260B	18	J	NS		< 0.5	u	NS	6.2	J	NS	< 0.5	u	75	J	38	J	NS	< 0.5	u
B-47	10/3/2001	26 Ft	on-site	CTBERK	8260B	< 1.7	u	NS		< 1.7	u	NS	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	NS	< 1.7	u	
B-48	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 2.5	u	NS		< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	NS	< 2.5	u	
B-49	9/27/2001	20 Ft	on-site	CTBERK	8260B	< 5	u	NS		< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u	NS	< 5	u	
B-50	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	NS		< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u	NS	< 4.2	u	
B-50 Duplicate	9/27/2001	24 Ft	on-site	CTBERK	8260B	< 4.2	u	NS		< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u	NS	< 4.2	u	
B-51	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 5	u	NS		< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u	NS	< 5	u	
B-52	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	NS		< 7.1	u	NS	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u	NS	< 7.1	u	
B-52 Duplicate	10/3/2001	22 Ft	on-site	CTBERK	8260B	< 7.1	u	NS		< 7.1	u	NS	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u	NS	< 7.1	u	
B-53	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 5	u	NS		< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u	NS	< 5	u	
B-54	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 7.1	u	NS		< 7.1	u	NS	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u	NS	< 7.1	u	
B-55	10/1/2001	24 Ft	on-site	CTBERK	8260B	< 1	u	NS		< 1	u	NS	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	
B-56	10/1/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-57	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-57 Duplicate	9/24/2001	32 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-58	9/24/2001	28 Ft	on-site	CTBERK	8260B	< 0.5	u	NS		< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	
B-60	9/18/2003	35 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	
B-63	9/19/2003	35 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 100	u	NS	< 200	u	< 100	u	NS	NS	NS	< 100	u	NS	
B-65	10/1/2003	24 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	
B-66	9/19/2003	35 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	
B-67	9/18/2003	35 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 100	u	NS	< 200	u	< 100	u	NS	NS	NS	< 100	u	NS	
B-68	9/30/2003	30 Ft	on-site	STLSEA	8260B	NS		NS		NS	< 1000	u	NS	< 2000	u	< 1000								

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLORO BENZENE (µg/L)				
						CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	70				
						RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25			
A-Zone Monitoring Wells																							
MW-01	4/25/1990	10-20	on-site	MTA	8010	2	68	NS	NS	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 0.5	NS	< 0.5	u		
MW-01	4/25/1990	10-20	on-site	MTA	8020	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-01	5/17/1990	10-20	on-site	MTA	8240	< 5	62	NS	NS	< 5	u	< 10	u	< 100	u	< 5	u	< 10	u	< 5	u		
MW-01	3/13/1991	10-20	on-site	CHR	624	25	68	NS	NS	< 1	u	< 1	u	NS	< 1	u	< 1	u	NS	< 1	u		
MW-01	1/21/1992	10-20	on-site	CHR	624	34	83	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u			
MW-01	4/2/1993	10-20	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS			
MW-01	4/2/1993	10-20	on-site	CTL	8240	90	73	< 5	u	< 5	u	< 5	u	< 20	u	< 5	u	< 10	u	< 5	u		
MW-01	11/17/1995	10-20	on-site	MCA	8010	1400	130	< 50	u	< 50	u	< 50	u	NS	< 50	u	< 200	u	NS	< 50	u		
MW-01	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS			
MW-01	6/29/2000	10-20	on-site	CTBERK	8260B	680	98	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 2.5	u	< 5	u	< 2.5	u		
MW-01	3/12/2001	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS			
MW-01	3/12/2001	10-20	on-site	CTBERK	8260B	570	44	< 2.5	u	< 2.5	u	< 2.5	u	NS	< 2.5	u	< 5	u	NS	< 2.5	u		
MW-01 Duplicate	3/12/2001	10-20	on-site	CTBERK	8260B	180	37	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 1	u	NS	< 0.5	u	
MW-01	6/27/2001	10-20	on-site	CTBERK	8260B	670	46	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 2.5	u	< 5	u	NS	< 50	u	
MW-01	9/20/2001	10-20	on-site	CTBERK	8260B	630	53	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 2.5	u	< 5	u	NS	< 50	u	
MW-01	9/20/2001	17 ft	on-site	CTBERK	8260B	240	26	< 0.8	u	< 0.8	u	< 0.8	u	< 17	u	4.3	< 0.8	u	< 1.7	u	NS	< 17	u
MW-01	12/19/2001	17 ft	on-site	CTBERK	8260B	320	38	< 1.3	u	< 1.3	u	< 1.3	u	< 25	u	< 1.3	u	< 2.5	u	NS	< 25	u	
MW-01	3/20/2002	17 Ft	on-site	CTBERK	8260B	470	180	1.7	J	< 1.3	u	< 1.3	u	< 25	u	< 1.3	u	< 1.3	u	NS	< 25	u	
MW-01	6/21/2002	17 Ft	on-site	STL Sac	8260B	98	390	240	51	< 5	u	< 5	u	< 50	u	< 5	u	< 10	u	< 120	u		
MW-01	9/24/2002	17 Ft	on-site	STL Sac	8260B	32	160	360	79	< 10	u	< 10	u	100	U	< 10	u	< 10	u	< 500	u		
MW-01	11/14/2002	17 Ft	on-site	STL Sac	8260B	17	140	350	79	< 10	uUJ	< 10	uUJ	< 100	uUJ	< 10	uUJ	< 10	uUJ	< 250	uUJ		
MW-01	2/19/2003	17 ft	on-site	STL Sac	8260B	250	210	200	7.6	j	< 10	u	< 10	u	< 100	uq	< 10	u	< 10	u			
MW-01	5/6/2003	17 ft	on-site	STL Sac	8260B	95	210	250	8.8	j	< 10	u	< 10	u	< 100	uq	< 10	u	< 10	u			
MW-01	7/22/2003	17 ft	on-site	STL Sac	8260B	130	150	490	18	j	< 20	u	< 20	u	200	U	< 20	u	< 20	u			
MW-01	10/24/2003	17 ft	on-site	STL Sac	8260B	< 20	90	440	13	j	< 20	u	< 20	u	< 200	uq	< 20	u	< 20	u			
MW-01	3/10/2004	17 Ft	on-site	STLSEA	8260B	466	83.7	58.4	< 20	u	< 20	u	< 20	u	< 100	u	< 20	u	< 50	u			
MW-01	4/20/2004	10-20	on-site	STL Sac	8260B	740	60	< 50	u	< 50	u	< 50	u	< 500	uq	< 50	u	< 50	u				
MW-02	4/25/1990	11-21	on-site	MTA	8010	8	390	NS	NS	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 0.5	u	NS	< 0.5	u	
MW-02	5/17/1990	11-21	on-site	MTA	8240	7	400	NS	NS	< 5	u	< 10	u	< 100	u	< 5	u	< 5	u	< 10	u		
MW-02	1/21/1992	11-21	on-site	CHR	624	5.3	180	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	
MW-02	4/1/1993	11-21	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS			
MW-02	4/1/1993	11-21	on-site	CTL	8240	< 10	250	< 10	u	< 10	u	< 10	u	< 40	u	< 10	u	< 10	u	< 20	u		
MW-02	11/17/1995	11-21	on-site	MCA	8010	2.3	188	< 2	u	< 2	u	< 2	u	NS	NS	< 2	u	< 8	u	NS	NS	NS	
MW-03	4/25/1990	10-20	on-site	MTA	8010	< 5	6700	NS	NS	< 5	u	NS	NS	NS	< 5	u	< 5	u	NS	NS	< 5	u	
MW-03	5/17/1990	10-20	on-site	MTA	8240	12	7700	NS	NS	< 10	u	< 100	u	< 5	u	< 5	u	< 10	u	NS	< 100	u	
MW-03	3/14/1991	10-20	on-site	CHR	624	16	5400	NS	NS	< 1	u	NS	< 1	u	< 1	u	< 1	u	NS	NS	NS	< 1	u
MW-03	1/21/1992	10-20	on-site	CHR	624	11	1400	31	6.2	88	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	NS	NS	NS
MW-03	4/2/1993	10-20	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	
MW-03	4/2/1993	10-20	on-site	CTL	8240	< 300	4900	< 300	u	< 300	u	< 500	u	< 1000	u	< 300	u	< 300	u	< 500	u		
MW-03	11/17/1995	10-20	on-site	MCA	8010	< 100	3500	< 100	u	< 100	u	< 400	u	NS	NS	< 100	u	< 400	u	NS	NS	NS	
MW-03	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS								

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)									
A-Zone Monitoring Wells						CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5								
	MW-01	4/25/1990	10-20	on-site	MTA	8010	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u	< 0.5	u				
	MW-01	4/25/1990	10-20	on-site	MTA	8020	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u					
	MW-01	5/17/1990	10-20	on-site	MTA	8240	< 5	u	< 10	u	< 5	u	< 5	u	< 50	u	< 5	u	< 50	u	NS	< 5	u	< 5	u			
	MW-01	3/13/1991	10-20	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	NS	NS	< 1	u	< 1	u			
	MW-01	1/21/1992	10-20	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	NS	NS	< 1	u	< 1	u			
	MW-01	4/2/1993	10-20	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	u			
	MW-01	4/2/1993	10-20	on-site	CTL	8240	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 10	u	< 20	u	NS	< 5	u	< 5	u			
	MW-01	11/17/1995	10-20	on-site	MCA	8010	< 50	u	< 200	u	< 50	u	< 50	u	< 50	u	NS	< 200	u	NS	NS	< 50	u	< 50	u			
	MW-01	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	u			
	MW-01	6/29/2000	10-20	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u	< 2.5	u	< 2.5	u		
	MW-01	3/12/2001	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	u			
	MW-01	3/12/2001	10-20	on-site	CTBERK	8260B	< 5	u	< 5	u	< 2.5	u	< 2.5	u	< 2.5	u	NS	< 100	u	NS	NS	< 2.5	u	< 2.5	u			
MW-01 Duplicate		3/12/2001	10-20	on-site	CTBERK	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 20	u	NS	NS	< 0.5	u	< 0.5	u			
	MW-01	6/27/2001	10-20	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u	< 2.5	u	< 2.5	u		
	MW-01	9/20/2001	10-20	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u	< 2.5	u	< 2.5	u		
	MW-01	9/20/2001	17 ft	on-site	CTBERK	8260B	< 0.8	u	< 1.7	u	< 0.8	u	< 0.8	u	< 0.8	u	< 17	u	< 17	u	< 0.8	u	3.1	< 0.8	u	< 0.8	u	
	MW-01	12/19/2001	17 ft	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 1.3	u	< 1.3	u	< 1.3	u		
	MW-01	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 1.3	u	< 1.3	u	< 1.3	u		
	MW-01	6/21/2002	17 Ft	on-site	STL Sac	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 25	u	< 5	u	< 5	u	< 5	u	< 5	u		
	MW-01	9/24/2002	17 Ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u		
	MW-01	11/14/2002	17 Ft	on-site	STL Sac	8260B	< 10	uUJ	< 20	uUJ	< 10	uUJ	< 10	uUJ	< 10	uUJ	< 50	uUJ	< 10	uUJ	< 10	uUJ	< 10	uUJ	< 10	uUJ		
	MW-01	2/19/2003	17 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u		
	MW-01	5/6/2003	17 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u		
	MW-01	7/22/2003	17 ft	on-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 20	u	< 40	u	< 20	u	< 20	u		
	MW-01	10/24/2003	17 ft	on-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 20	u	< 40	u	< 20	u	< 20	u		
	MW-01	3/10/2004	17 Ft	on-site	STLSEA	8260B	< 20	u	< 40	u	< 20	u	< 20	u	< 20	u	< 100	u	< 40	u	< 100	u	< 20	u	< 20	u		
	MW-01	4/20/2004	10-20	on-site	STL Sac	8260B	< 50	u	< 50	u	< 50	u	< 50	u	< 50	u	< 100	u	< 50	u	< 100	u	< 50	u	< 50	u		
	MW-02	4/25/1990	11-21	on-site	MTA	8010	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	NS	NS	< 0.5	u	< 0.5	u	< 0.5	u		
	MW-02	5/17/1990	11-21	on-site	MTA	8240	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 50	u	< 5	u	< 50	u	< 5	u	< 5	u		
	MW-02	1/21/1992	11-21	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	< 1	u	NS	< 1	u	< 1	u		
	MW-02	4/1/1993	11-21	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	u			
	MW-02	4/1/1993	11-21	on-site	CTL	8240	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 20	u	< 40	u	< 20	u	NS	< 10	u	< 10	u	
	MW-02	11/17/1995	11-21	on-site	MCA	8010	< 2	u	< 8	u	< 2	u	< 2	u	NS	NS	< 8	u	NS	NS	NS	< 2	u	< 2	u	< 2	u	
	MW-03	4/25/1990	10-20	on-site	MTA	8010	< 5	u	< 5	u	< 5	u	< 5	u	NS	NS	< 5	u	NS	NS	NS	< 5	u	< 5	u	< 5	u	
	MW-03	5/17/1990	10-20	on-site	MTA	8240	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 50	u	< 5	u	< 50	u	NS	< 5	u	10	9	
	MW-03	3/14/1991	10-20	on-site	CHR	624	4.5	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	NS	NS	< 1	u	12	5.8	3.9		
	MW-03	1/21/1992	10-20	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	NS	NS	< 1	u	4.9	NS	NS		
	MW-03	4/2/1993	10-20	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	NS	NS		
	MW-03	4/2/1993	10-20	on-site	CTL	8240	< 300	u	< 500	u	< 300	u	< 300	u	< 300	u	< 500	u	< 1000	u	< 500	u	NS	< 300	u	< 300	u	
	MW-03	11/17/1995	10-20	on-site	MCA	8010	< 100	u	< 400	u	< 100	u	< 100	u	< 100	u	NS	< 400	u	NS	NS	< 100	u	< 100	u	< 100	u	
	MW-03	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	NS	NS		
	MW-03	6/29/2000	10-20	on-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 83	u	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
	MW-03	3/13/2001	10-20	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS	NS	< 0.5	u	NS	NS	NS		
	MW-03	3/13/2001	10-20	on-site	CTBERK	8260B	< 17	u	< 17	u	< 8.3	u	8.8	u	< 8.3	u	NS	< 330	u	NS	NS	< 8.3	u	< 8.3	u	< 8.3	u	
	MW-03	6/27/2001	10-20	on-site	CTBERK	8260B	< 8.3	u	< 17	u	< 8.3	u	< 8.3	u	< 8.3	u	< 170	u	< 170	u	< 8.3	u	< 8.3	u	< 8.3	u	< 8.3	u
	MW-03	9/20/2001	10-20	on-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
	MW-03	9/20/2001	17 ft	on-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 100	u	< 100	u	< 5	u	< 5	u	< 5	u	< 5	u
	MW-03	12/19/2001	17 ft	on-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
	MW-03	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 7.1	u	< 14	u	< 7.1	u	< 7.1	u	< 140	u	< 140	u	< 140	u	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u
	MW-03	6/21/2002	17 Ft	on-site	STL Sac	8260B	< 25	u	< 50	u	< 25	u	< 25	u	< 25	u	< 120	u	< 25	u	< 120	u	< 25	u	< 25	u	< 25	u
	MW-03	9/24/2002	17 Ft	on-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 20	u	< 40	u	< 20	u	< 20	u	< 20	u
	MW-03	11/14/2002	17 Ft	on-site	STL Sac	8260B	< 25	uUJ	< 50	uUJ	< 25	uUJ	< 25	uUJ	< 25	uUJ	< 120	uUJ	< 25	uUJ	< 120	uUJ	< 25	uUJ	< 25	uUJ	< 25	uUJ
	MW-03	2/19/2003	17 ft	on-site	STL Sac	8260B	< 25	u	< 25	u	< 25	u	< 25	u	< 25	u	< 50	u	< 25	u	< 50	u	< 25	u	< 25	u	< 25	u
	MW-03	3/10/2004	17 Ft	on-site</																								

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)
A-Zone Monitoring Wells						CA MCL	-	-	-	-	1,750	-	-	-	-	-	-	-	-
						RWQCB ESL	-	-	-	-	13	-	-	-	-	-	-	-	-
MW-01	4/25/1990	10-20	on-site	MTA	8010	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-01	4/25/1990	10-20	on-site	MTA	8020	NS	NS		NS	NS	< 2	u	NS	NS	NS	NS	NS	NS	NS
MW-01	5/17/1990	10-20	on-site	MTA	8240	NS	< 5	u	NS	NS	< 10	u	NS	NS	NS	NS	NS	NS	NS
MW-01	3/13/1991	10-20	on-site	CHR	624	NS	< 1	u	NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS
MW-01	1/21/1992	10-20	on-site	CHR	624	NS	NS		NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS
MW-01	4/2/1993	10-20	on-site	CTL	8020	NS	NS		NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS
MW-01	4/2/1993	10-20	on-site	CTL	8240	NS	NS		NS	NS	< 5	u	NS	NS	NS	NS	NS	NS	NS
MW-01	11/17/1995	10-20	on-site	MCA	8010	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS
MW-01	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS		NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS
MW-01	6/29/2000	10-20	on-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u
MW-01	3/12/2001	10-20	on-site	CTBERK	8021B	NS	NS		NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS
MW-01	3/12/2001	10-20	on-site	CTBERK	8260B	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-01 Duplicate	3/12/2001	10-20	on-site	CTBERK	8260B	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-01	6/29/2001	10-20	on-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u
MW-01	9/20/2001	10-20	on-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u
MW-01	9/20/2001	17 ft	on-site	CTBERK	8260B	< 0.8	u	NS	< 0.8	u	NS	< 0.8	u	< 0.8	u	< 0.8	u	NS	u
MW-01	12/19/2001	17 ft	on-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	2.9	< 1.3	u	< 1.3	u	< 1.3	u	NS
MW-01	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u
MW-01	6/21/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 10	u	NS	NS	NS	NS	NS	NS	< 10	u
MW-01	9/24/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 20	u	NS	< 10	u	NS	NS	NS	< 20	u
MW-01	11/14/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 20	uUJ	NS	< 10	uUJ	NS	NS	NS	< 20	uUJ
MW-01	2/19/2003	17 ft	on-site	STL Sac	8260B	NS	NS		NS	< 20	u	NS	< 10	u	NS	NS	NS	< 20	u
MW-01	5/6/2003	17 ft	on-site	STL Sac	8260B	NS	NS		NS	< 20	u	NS	< 10	u	NS	NS	NS	< 20	u
MW-01	7/22/2003	17 ft	on-site	STL Sac	8260B	NS	NS		NS	< 40	u	NS	< 20	u	NS	NS	NS	< 40	u
MW-01	10/24/2003	17 ft	on-site	STL Sac	8260B	NS	NS		NS	< 40	u	NS	< 20	u	NS	NS	NS	< 40	u
MW-01	3/10/2004	17 Ft	on-site	STLSEA	8260B	NS	NS		NS	< 20	u	NS	NS	< 40	u	NS	NS	< 20	u
MW-01	4/20/2004	10-20	on-site	STL Sac	8260B	NS	NS		NS	< 100	u	NS	< 50	u	NS	NS	NS	< 100	u
MW-02	4/25/1990	11-21	on-site	MTA	8010	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-02	5/17/1990	11-21	on-site	MTA	8240	NS	< 5	u	NS	NS	< 10	u	NS	NS	NS	NS	NS	NS	NS
MW-02	1/21/1992	11-21	on-site	CHR	624	NS	NS		NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS
MW-02	4/1/1993	11-21	on-site	CTL	8020	NS	NS		NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS
MW-02	4/1/1993	11-21	on-site	CTL	8240	NS	NS		NS	NS	< 10	u	NS	NS	NS	NS	NS	NS	NS
MW-02	11/17/1995	11-21	on-site	MCA	8010	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS
MW-03	4/25/1990	10-20	on-site	MTA	8010	NS	15		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS
MW-03	5/17/1990	10-20	on-site	MTA	8240	NS	29		NS	NS	< 10	u	NS	NS	NS	NS	NS	NS	NS
MW-03	3/14/1991	10-20	on-site	CHR	624	NS	5.3		NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS
MW-03	1/21/1992	10-20	on-site	CHR	624	NS	NS		NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS
MW-03	4/2/1993	10-20	on-site	CTL	8020	NS	NS		NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS
MW-03	4/2/1993	10-20	on-site	CTL	8240	NS	NS		NS	NS	< 300	u	NS	NS	NS	NS	NS	NS	NS
MW-03	11/17/1995	10-20	on-site	MCA	8010	NS	NS		NS	NS	NS		NS	NS	NS	NS	NS	NS	NS
MW-03	6/29/2000	10-20	on-site	CTBERK	8021B	NS	NS		NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS
MW-03	6/29/2000	10-20	on-site	CTBERK	8260B	< 4.2	u	NS	< 4.2	u	< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u
MW-03	3/13/2001	10-20	on-site	CTBERK	8021B	NS	NS		NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS
MW-03	3/13/2001	10-20	on-site	CTBERK	8260B	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-03	6/27/2001	10-20	on-site	CTBERK	8260B	< 8.3	u	NS	< 8.3	u	NS	< 8.3	u	< 8.3	u	< 8.3	u	< 8.3	u
MW-03	9/20/2001	10-20	on-site	CTBERK	8260B	< 4.2	u	NS	< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
MW-03	9/20/2001	17 ft	on-site	CTBERK	8260B	< 5	u	NS	< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u
MW-03	12/19/2001	17 ft	on-site	CTBERK	8260B	< 4.2	u	NS	< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
MW-03	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 7.1	u	NS	< 7.1	u	NS	< 7.1	u	< 7.1	u	< 7.1	u	< 7.1	u
MW-03	6/21/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 50	u	NS	NS	NS	NS	NS	NS	< 50	u
MW-03	9/24/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 40	u	NS	< 20	u	NS	NS	NS	< 40	u
MW-03	11/14/2002	17 Ft	on-site	STL Sac	8260B	NS	NS		NS	< 50	uUJ	NS	< 25	uUJ	NS	NS	NS	< 50	uUJ
MW-03	2/19/2003	17 ft	on-site	STL Sac	8260B	NS	NS		NS	< 50	u	NS	< 25	u	NS	NS	NS	< 50	u
MW-03	3/10/2004	17 Ft	on-site	STLSEA	8260B	NS	NS		NS	< 100	u	NS	NS	< 100	u	NS	NS	< 100	u
MW-03	4/20/2004	10-20	on-site	STL Sac	8260B	NS	NS		NS	< 100	u	NS	< 50	u	NS	NS	NS	< 100	u
MW-04	4/25/1990	11-21	on-site	MTA	8010	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-04	5/17/1990	11-21	on-site	MTA	8240	NS	< 5	u	NS	NS	< 10	u	NS	NS	NS	NS	NS	NS	NS
MW-04	1/21/1992	11-21	on-site	CHR	602	NS	NS		NS	NS	620	NS	NS	NS	NS	NS	NS	NS	NS
MW-04	1/21/1992	11-21	on-site	CHR	624	NS	NS		NS	NS	910	NS	NS	NS	NS	NS	NS	NS	NS
MW-04	11/17/1995	11-21	on-site	MCA	8010	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-04	6/29/2000	11-21	on-site	CTBERK	8021B	NS	NS		NS	NS	5.9	NS	NS	5.3	NS	NS	NS	NS	NS
MW-04	6/29/2000	11-21	on-site	CTBERK	8260B	45	NS	< 0.5	u	NS	9.5	NS	3.9	13	3.4	54	6.4	NS	2.5
MW-04	3/12/2001	11-21	on-site	CTBERK	8260B	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-04 Duplicate	3/12/2001	11-21	on-site	CTBERK	8021B	NS	NS		NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLORO BENZENE (µg/L)								
					CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	70								
					RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25								
MW-04 Duplicate	3/12/2001	11-21	on-site	CTBERK	8260B	18	21	9.1	3.5	< 0.5	u	11	NS	< 0.5	u	< 1	NS	NS	< 0.5	u							
MW-04	6/27/2001	11-21	on-site	CTBERK	8260B	24	17	9.4	3.6	< 0.7	u	18	< 14	u	< 0.7	u	< 1.4	u	< 0.7	u							
MW-04	9/20/2001	11-21	on-site	CTBERK	8260B	66	33	13	6.1	< 0.5	u	12	< 10	u	< 0.5	u	< 1	u	< 0.5	u							
MW-04	9/20/2001	17 ft	on-site	CTBERK	8260B	7.0	26	14	3.4	< 0.5	u	19	< 10	u	0.7	< 0.5	u	< 1	u	< 0.5	u						
MW-04	12/19/2001	17 ft	on-site	CTBERK	8260B	57	32	9.7	3.9	< 0.5	u	6.3	< 10	u	< 0.5	u	< 1	u	< 0.5	u							
MW-04	3/20/2002	17 Ft	on-site	CTBERK	8260B	96	44	10	4.8	< 0.5	u	7.0	< 10	u	< 0.5	u	< 1	u	< 0.5	u							
MW-04	6/21/2002	17 Ft	on-site	STL Sac	8260B	57	35	10	5.8	< 1	u	16	< 10	u	< 1	u	< 2	u	< 25	u							
MW-04	9/24/2002	17 Ft	on-site	STL Sac	8260B	31	48	7.4	7.9	< 1	u	30	26	U	0.46	j	< 1	u	< 1	u	< 50	u					
MW-04	11/14/2002	17 Ft	on-site	STL Sac	8260B	13	50	7.6	5.3	< 2	uUJ	8.9	20	U	< 2	uUJ	< 2	uUJ	< 4	uUJ	< 50	uUJ					
MW-04	2/19/2003	17 ft	on-site	STL Sac	8260B	17	22	5.1	6.4	< 1	u	30	10	U	0.38	j	< 1	u	1	U	< 50	u					
MW-04	5/6/2003	17 ft	on-site	STL Sac	8260B	23	33	6.9	7.2	< 1	u	28	10	U	0.33	j	< 1	u	< 1	u	< 50	u					
MW-04	7/22/2003	17 ft	on-site	STL Sac	8260B	18	66	15	9.6	< 1	u	22	18	U	0.26	j	< 1	u	< 1	u	< 50	u					
MW-04	10/24/2003	17 ft	on-site	STL Sac	8260B	11	55	13	5.3	< 1	u	13	10	U	0.24	j	< 1	u	< 1	u	< 50	u					
MW-04	3/10/2004	17 Ft	on-site	STLSEA	8260B	1.93	Ej	27.5	6.06	< 1	u	27.4	5	U	< 1	u	< 1	u	< 2.5	u	< 10	u					
MW-04	4/21/2004	11-21	on-site	STL Sac	8260B	53	23	11	6.7	< 10	u	17	100	U	< 10	u	< 10	u	< 10	u	< 500	u					
MW-04 Duplicate	4/21/2004	11-21	on-site	STL Sac	8260B	66	26	11	7.3	j	< 10	u	18	< 100	uq	< 10	u	< 10	u	< 500	u	< 20	u				
MW-05	3/13/1991	10-30	on-site	CHR	624	1.6	66	NS	NS	1.9	< 1	u	NS	< 1	u	< 1	u	< 1	u	NS	NS	< 1	u				
MW-05	1/21/1992	10-30	on-site	CHR	624	< 1	u	46	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	NS	NS					
MW-05	3/31/1993	10-30	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS					
MW-05	3/31/1993	10-30	on-site	CTL	8240	< 5	u	< 5	u	< 5	u	< 10	u	< 20	u	< 5	u	< 10	u	NS	< 10	u	< 5	u			
MW-05	11/17/1995	10-30	on-site	MCA	8010	< 0.5	u	25	< 0.5	u	< 0.5	u	< 2	u	NS	NS	< 0.5	u	< 2	u	NS	NS	< 0.5	u			
MW-05	6/28/2000	10-30	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS				
MW-05	6/28/2000	10-30	on-site	CTBERK	8260B	< 0.5	u	12	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05	3/12/2001	10-30	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-05	3/12/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	7.9	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 1	u	NS	NS	NS	< 0.5	u		
MW-05 Duplicate	3/12/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	5.6	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 1	u	NS	NS	NS	< 0.5	u		
MW-05	6/27/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	7.0	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05	9/20/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	6.2	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05	9/20/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	5.6	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	6.0	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05 Duplicate	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	16	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-05	3/20/2002	23 Ft	on-site	CTBERK	8260B	0.7	5.9	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u			
MW-05	9/24/2002	23 Ft	on-site	STL Sac	8260B	< 1	u	4.7	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 50	u	< 2	u	< 1	u	
MW-05 Duplicate	9/24/2002	23 Ft	on-site	STL Sac	8260B	< 1	u	4.3	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 50	u	< 2	u	< 1	u	
MW-05	11/14/2002	23 Ft	on-site	STL Sac	8260B	< 1	uUJ	5.0	< 1	uUJ	< 1	uUJ	< 10	uUJ	< 1	uUJ	< 1	uUJ	< 2	uUJ	< 25	uUJ	< 5	uUJ	< 1	uUJ	
MW-05	2/19/2003	23 ft	on-site	STL Sac	8260B	< 1	u	3.6	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	1	U	< 50	u	< 2	u	
MW-05	5/6/2003	23 ft	on-site	STL Sac	8260B	< 1	u	1.9	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	
MW-05 Duplicate	5/6/2003	23 ft	on-site	STL Sac	8260B	< 1	u	3.4	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	
MW-05	7/22/2003	23 ft	on-site	STL Sac	8260B	< 1	u	3.5	< 1	u	< 1	u	< 1	u	14	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	
MW-05	10/24/2003	23 ft	on-site	STL Sac	8260B	< 1	u	4.6	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	2	U	
MW-05	3/10/2004	23 Ft	on-site	STLSEA	8260B	< 1	u	3.87	< 1	u	< 1	u	< 1	u	< 5	u	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u	
MW-05	4/20/2004	10-30	on-site	STL Sac	8260B	< 1	u	2.9	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	
MW-06	3/13/1991	15-35	on-site	CHR	624	2.4	1.3	NS	NS	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	NS	< 1	u			
MW-06	1/21/1992	15-35	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	NS	NS	< 1	u			
MW-06	4/1/1993	15-35	on-site	CTL	8020	NS	NS	NS	NS	NS	NS	NS	< 50	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-06	4/1/1993	15-35	on-site	CTL	8240	< 5	u	< 5	u	< 5	u	< 10	u	< 20	u	< 5	u	< 10	u	NS	< 10	u	< 5	u			
MW-06	11/17/1995	15-35	on-site	MCA	8010	1.9	0.92	< 0.5	u	< 0.5	u	< 2	u	NS	NS	< 0.5	u	< 2	u	NS	NS	NS	< 0.5	u			
MW-06	6/28/2000	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-06	6/28/2000	15-35	on-site	CTBERK	8260B	0.9	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-06	3/13/2001	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
MW-06	3/13/2001	15-35	on-site	CTBERK	8260B	0.7	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 1	u	NS	NS	NS	< 0.5	u		
MW-06	6/27/2001	15-35	on-site	CTBERK	8260B	0.6	0.6	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u	
MW-06	9/20/2001	15-35	on-site	CTBERK	8260B	1.0	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-06	12/19/2001	21 ft	on-site	CTBERK	8260B	0.8	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u		
MW-06	3/20/2002	21 Ft	on-site	CTBERK	8260B	0.7	1.0	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u	
MW-06	11/14/2002	21 Ft	on-site	STL Sac	8260B	0.83	j	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 2	uUJ	< 25	uUJ	< 5	uUJ	< 1	uUJ	< 1	uUJ
MW-06	2/19/2003	21 ft	on-site	STL Sac	8260B	0.92	j	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	1	U	< 50	u	< 2	u	< 1	u
MW-06	5/6/2003	25 ft	on-site	STL Sac	8260B	0.76	j	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2</			

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)																	
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5																	
MW-04 Duplicate	3/12/2001	11-21	on-site	CTBERK	8260B	< 1	u	< 1	u	< 0.5	u	1.8	< 0.5	u	< 0.5	u	NS	NS	< 0.5	u	< 0.5	u														
MW-04	6/27/2001	11-21	on-site	CTBERK	8260B	< 0.7	u	< 1.4	u	< 0.7	u	1.1	< 0.7	u	< 0.7	u	180	< 14	u	< 14	u	< 14	u	< 0.7	u	< 0.7	u	< 0.7	u	< 0.7	u					
MW-04	9/20/2001	11-21	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	70	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u				
MW-04	9/20/2001	17 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	1.7	< 0.5	u	< 0.5	u	< 0.5	u	49	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u			
MW-04	12/19/2001	17 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	0.6	< 0.5	u	< 0.5	u	0.6	< 10	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u			
MW-04	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u			
MW-04	6/21/2002	17 Ft	on-site	STL Sac	8260B	< 1	u	< 2	u	< 1	u	0.68	j	< 1	u	< 1	u	< 1	u	< 5	u	< 1	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u			
MW-04	9/24/2002	17 Ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.96	j	< 1	u	< 1	u	22	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 2	u	0.40	j	< 1	u	< 1	u
MW-04	11/14/2002	17 Ft	on-site	STL Sac	8260B	< 2	uUJ	< 4	uUJ	< 2	uUJ	0.56	jJ	< 2	uUJ	< 2	uUJ	1.3	jJ	< 10	uUJ	< 2	uUJ	< 10	uUJ	< 2	uUJ	< 2	uUJ	< 2	uUJ	< 2	uUJ	< 2	uUJ	
MW-04	2/19/2003	17 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.93	j	< 1	u	< 1	u	70	< 2	u	1	U	< 2	u	< 2	u	0.35	j	< 1	u	0.51	j	< 1	u		
MW-04	5/6/2003	17 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.64	j	< 1	u	< 1	u	62	< 2	u	< 1	u	< 2	u	< 2	u	0.32	j	< 1	u	< 1	u	< 1	u		
MW-04	7/22/2003	17 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.56	j	< 1	u	< 1	u	3.8	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-04	10/24/2003	17 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.37	j	< 1	u	< 1	u	0.48	j	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-04	3/10/2004	17 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	0.731	j	< 1	u	< 1	u	5.17	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-04	4/21/2004	11-21	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	93	< 20	u	< 10	u	< 20	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-04 Duplicate	4/21/2004	11-21	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	100	< 20	u	< 10	u	< 20	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-05	3/13/1991	10-30	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	NS		NS		< 1	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-05	1/21/1992	10-30	on-site	CHR	624	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	NS	< 1	u	< 1	u	NS		< 1	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-05	3/31/1993	10-30	on-site	CTL	8020	NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		
MW-05	3/31/1993	10-30	on-site	CTL	8240	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 10	u	< 20	u	< 10	u	NS	< 5	u	110		< 5	u	< 5	u		
MW-05	11/17/1995	10-30	on-site	MCA	8010	< 0.5	u	< 2	u	< 0.5	u	1.2	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS		NS		NS		< 1	u	< 0.5	u	< 0.5	u	< 0.5	u		
MW-05	6/28/2000	10-30	on-site	CTBERK	8021B	NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		
MW-05	6/28/2000	10-30	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	3/12/2001	10-30	on-site	CTBERK	8021B	NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		< 0.5	u	< 0.5	u	NS		NS		NS		
MW-05	3/12/2001	10-30	on-site	CTBERK	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 20	u	NS		NS		NS		< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05 Duplicate	3/12/2001	10-30	on-site	CTBERK	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	NS	< 20	u	NS		NS		NS		< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	6/27/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	9/20/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	9/20/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05 Duplicate	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	3/20/2002	23 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-05	9/24/2002	23 Ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05 Duplicate	9/24/2002	23 Ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	11/14/2002	23 Ft	on-site	STL Sac	8260B	< 1	uUJ	< 2	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 5	uUJ	< 1	uUJ	< 5	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	
MW-05	2/19/2003	23 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	5/6/2003	23 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05 Duplicate	5/6/2003	23 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	7/22/2003	23 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	10/24/2003	23 ft	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	3/10/2004	23 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	
MW-05	4/20/2004	10-30	on-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 2	u	< 1	u	< 1	u	< 1				

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)					
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -					
MW-04 Duplicate	3/12/2001	11-21	on-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS					
MW-04	6/27/2001	11-21	on-site	CTBERK	8260B	15	NS	< 0.7	u	NS	16	NS	4.7	2.5	10	2.1	43	4.7	NS	2.3				
MW-04	9/20/2001	11-21	on-site	CTBERK	8260B	3.2	NS	< 0.5	u	NS	7.6	NS	< 0.5	u	0.9	5.8	1.1	20	2.9	NS	1.3			
MW-04	9/20/2001	17 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	3.8	NS	< 0.5	u	1.0	< 0.5	u	4.9	0.5	NS	0.9		
MW-04	12/19/2001	17 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	0.7	1.2	< 0.5	u	< 0.5	u	1.0	NS	0.7		
MW-04	3/20/2002	17 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-04	6/21/2002	17 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	9/24/2002	17 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.63	j	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	11/14/2002	17 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 4	uUJ	NS	< 2	uUJ	NS	NS	NS	NS	NS	< 4	uUJ	NS	NS		
MW-04	2/19/2003	17 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.76	j	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	5/6/2003	17 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.47	j	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	7/22/2003	17 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.16	j	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	10/24/2003	17 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS		
MW-04	3/10/2004	17 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	< 1	u	NS	NS		
MW-04	4/21/2004	11-21	on-site	STL Sac	8260B	NS	NS	NS	< 20	u	NS	< 10	u	NS	NS	NS	NS	NS	< 20	u	NS	NS		
MW-04 Duplicate	4/21/2004	11-21	on-site	STL Sac	8260B	NS	NS	NS	< 20	u	NS	< 10	u	NS	NS	NS	NS	NS	< 20	u	NS	NS		
MW-05	3/13/1991	10-30	on-site	CHR	624	NS	< 1	u	NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-05	1/21/1992	10-30	on-site	CHR	624	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-05	3/31/1993	10-30	on-site	CTL	8020	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-05	3/31/1993	10-30	on-site	CTL	8240	NS	NS	NS	NS	NS	< 5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-05	11/17/1995	10-30	on-site	MCA	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
MW-05	6/28/2000	10-30	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS		
MW-05	6/28/2000	10-30	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	3/12/2001	10-30	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	
MW-05	3/12/2001	10-30	on-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-05 Duplicate	3/12/2001	10-30	on-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-05	6/27/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	9/20/2001	10-30	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	9/20/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05 Duplicate	12/19/2001	23 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	3/20/2002	23 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-05	9/24/2002	23 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05 Duplicate	9/24/2002	23 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05	11/14/2002	23 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 1	uUJ	NS	< 2	uUJ	NS	NS	NS	NS	NS	< 2	uUJ	NS	NS	NS	
MW-05	2/19/2003	23 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05	5/6/2003	23 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05 Duplicate	5/6/2003	23 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05	7/22/2003	23 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05	10/24/2003	23 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-05	3/10/2004	23 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	< 1	u	NS	NS	NS	
MW-05	4/20/2004	10-30	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-06	3/13/1991	15-35	on-site	CHR	624	NS	< 1	u	NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	1/21/1992	15-35	on-site	CHR	624	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	4/1/1993	15-35	on-site	CTL	8020	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	4/1/1993	15-35	on-site	CTL	8240	NS	NS	NS	NS	NS	< 5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	11/17/1995	15-35	on-site	MCA	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	6/28/2000	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	6/28/2000	15-35	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-06	3/13/2001	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	3/13/2001	15-35	on-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-06	6/27/2001	15-35	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-06	9/20/2001	15-35	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-06	12/19/2001	21 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-06	3/20/2002	21 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-06	11/14/2002	21 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	uUJ	NS	< 1	uUJ	NS	NS	NS	NS	NS	< 2	uUJ	NS	NS	NS	
MW-06	2/19/2003	21 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-06	5/6/2003	25 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-06	7/22/2003	25 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-06	10/24/2003	25 ft	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-06	3/10/2004	21 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	< 1	u	NS	NS	NS	
MW-06	4/20/2004	15-35	on-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	< 2	u	NS	NS	NS	
MW-07	8/25/1993	15-35	on-site	CTL	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-07	8/25/1993	15-35	on-site	CTL	8020	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-07	11/17/1995	15-35	on-site	MCA	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
MW-07	6/29/2000	15-35	on-site																					

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLORO BENZENE (µg/L)
					CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	70
					RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25
MW-07	6/29/2000	15-35	on-site	CTBERK	8260B	300	29	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u
MW-07	3/13/2001	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS
MW-07	3/13/2001	15-35	on-site	CTBERK	8260B	330	23	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u	< 2.5	u	NS	< 1.3
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8260B	170	22	< 0.5	u	< 0.5	u	< 1.5	u	< 0.5	u	< 1	u	NS	< 0.5
MW-07	6/27/2001	15-35	on-site	CTBERK	8260B	310	22	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u	< 2.5	u	NS	< 1.3
MW-07	9/20/2001	15-35	on-site	CTBERK	8260B	360	28	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 3.3	u	NS	< 1.7
MW-07	9/20/2001	28 ft	on-site	CTBERK	8260B	370	27	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 3.3	u	NS	< 1.7
MW-07	12/19/2001	28 ft	on-site	CTBERK	8260B	390	29	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 3.3	u	NS	< 1.7
MW-07	3/20/2002	28 Ft	on-site	CTBERK	8260B	290	26	< 0.8	u	< 0.8	u	< 0.9	u	< 0.8	u	< 0.8	u	NS	< 0.8
MW-07	6/21/2002	28 Ft	on-site	STL Sac	8260B	300	27	< 5	u	< 5	u	< 2.0	j	< 5	u	< 5	u	< 120	u
MW-07	9/24/2002	28 Ft	on-site	STL Sac	8260B	330	27	0.58	j	< 5	u	< 1.8	j	< 5	u	< 5	u	< 250	u
MW-07	11/14/2002	28 Ft	on-site	STL Sac	8260B	380	36	< 12	uUJ	< 12	uUJ	< 12	uUJ	< 12	uUJ	< 12	uUJ	< 62	uUJ
MW-07	2/19/2003	28 ft	on-site	STL Sac	8260B	360	25	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u
MW-07	5/6/2003	28 ft	on-site	STL Sac	8260B	260	26	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u
MW-07	7/22/2003	28 ft	on-site	STL Sac	8260B	240	23	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u
MW-07	10/24/2003	28 ft	on-site	STL Sac	8260B	250	30	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u
MW-07	3/10/2004	28 Ft	on-site	STLSEA	8260B	280	30.8	< 10	u	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u
MW-07 Duplicate	3/10/2004	28 Ft	on-site	STLSEA	8260B	245	28	< 1	u	< 1	u	< 2.32	u	< 1	u	< 1	u	< 2.5	u
MW-07	4/20/2004	15-35	on-site	STL Sac	8260B	180	19	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	< 250	u
MW-08A	9/25/2003	10-25	on-site	STLSEA	8260B	< 2	u	629	d	13.2	u	1.09	j	14.4	u	< 2	u	< 20	u
MW-08A	10/10/2003	10-25	on-site	STLSEA	8260B	0.801	j	168	d	5.4	u	1.05	u	< 1	u	< 1	u	< 2.5	u
MW-08A	3/10/2004	20.5 Ft	on-site	STLSEA	8260B	< 5	u	197	u	6.16	u	< 5	u	< 3.8	j	< 5	u	< 25	u
MW-08A	4/21/2004	10-25	on-site	STL Sac	8260B	< 10	u	200	u	5.9	j	< 10	u	< 10	u	< 10	u	< 100	u
MW-11A	10/10/2003	10-25	on-site	STLSEA	8260B	< 1	u	3.15	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2.5	u
MW-11A	3/10/2004	21 ft	on-site	STLSEA	8260B	< 1	u	4.33	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2.5	u
MW-11A	4/27/2004	10-25	on-site	STL Sac	8260B	< 1	u	3.1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 50	u
MW-12A	11/4/2003	20 ft	on-site	STL Sac	8260B	< 10	u	260	u	2.3	j	< 10	u	< 10	u	< 10	u	< 500	u
MW-12A	3/11/2004	20 ft	on-site	STLSEA	8260B	< 10	u	469	u	< 10	u	< 10	u	< 10	u	< 10	u	< 25	u
MW-12A	4/27/2004	10-25	on-site	STL Sac	8260B	< 10	u	250	u	1.9	j	< 10	u	< 10	u	< 10	u	< 100	u
MW-13A	10/10/2003	18-33	on-site	STLSEA	8260B	8.83	u	2880	d	181	d	5.52	u	< 1	u	< 1	u	< 2.5	u
MW-13A	3/10/2004	24 ft	on-site	STLSEA	8260B	< 200	u	3240	u	626	u	< 200	u	< 1000	u	< 200	u	< 500	u
MW-13A	4/21/2004	18-33	on-site	STL Sac	8260B	< 50	u	2800	u	670	u	8.8	j	110	u	< 50	u	< 500	u
MW-22A	3/11/2004	20 ft	on-site	STLSEA	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 20	u	< 20	u	< 50	u
MW-22A	4/21/2004	15-25	on-site	STL Sac	8260B	< 25	u	< 25	u	< 25	u	< 25	u	< 25	u	< 25	u	< 50	u
OFF-SITE A-ZONE LOCATIONS																			
A-Zone Hydropunch Locations																			
B-01-TR	3/24/1993	25 ft	off-site	CTL	8010	< 30	u	< 30	u	850	u	< 30	u	< 50	u	NS	NS	NS	< 30
B-01-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-02-TR	3/24/1993	25 ft	off-site	CTL	8010	< 50	u	4300	u	100	u	< 50	u	< 100	u	NS	NS	NS	< 50
B-02-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-03-TR	3/24/1993	25 ft	off-site	CTL	8010	< 1	u	51	u	< 1	u	< 1	u	< 2	u	NS	NS	NS	< 1
B-03-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-04-TR	3/24/1993	25 ft	off-site	CTL	8010	< 5	u	370	u	< 5	u	< 5	u	< 10	u	NS	NS	NS	< 5
B-04-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-05-TR	3/24/1993	25 ft	off-site	CTL	8010	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-05-TR	3/25/1993	25 ft	off-site	CTL	8010	< 30	u	2100	u	< 30	u	< 30	u	< 50	u	NS	NS	NS	< 30
B-05-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-07-TR	3/25/1993	25 ft	off-site	CTL	8010	< 3	u	160	u	< 3	u	< 3	u	< 5	u	NS	NS	NS	< 3
B-07-TR	3/25/1993	25 ft	off-site	CTL	8020	NS	u	NS	u	NS	u	NS	u	NS	u	NS	NS	NS	NS
B-10-TR	8/17/1993	25 ft	off-site	CTL	8010	< 5	u	240	u	< 5	u	< 5	u	< 10	u	NS	NS	NS	< 5
B-11-TR	8/17/1993	25 ft	off-site	CTL	8010	< 1	u	150	u	< 1	u	< 1	u	< 2	u	NS	NS	NS	< 1
B-22-TR	11/14/1995	19.5 ft	off-site	AEN	8010	< 0.5	u	35	u	1	u	0.6	u	2	u	NS	NS	NS	< 0.5
B-23-TR	11/14/1995	17.5 ft	off-site	AEN	8010	3	u	1900	u	8.8	u	0.8	u	22	u	NS	NS	NS	< 0.5
B-25-TR	11/15/1995	18 ft	off-site	AEN	8010	3	u	620	u	90	u	12	u	17	u	NS	NS	NS	< 0.5
B-26-TR	11/15/1995	15 ft	off-site	AEN	8240	< 5	u	1200	u	14	u	< 5	u	< 10	u	NS	NS	NS	< 5
B-91	10/3/2003	25 Ft	off-site	STLSEA	8260B	< 2	u	28.4	u	2.48	u	< 2	u	< 2	u	< 2	u	< 20	u
B-93	10/3/2003	25 Ft	off-site	STLSEA	8260B	< 20	u	318	u	80.4	u	< 20	u	10.3	j	< 20	u	< 50	u
B-101	12/11/2003	22 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u
B-101 Duplicate	12/11/2003	22 Ft	off-site	CHROMA	8260B	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 5	u
B-102	12/11/2003	25 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 4.2	u
B-103	12/12/2003	35 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u
B-104	12/12/2003	30 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 1	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)										
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5										
MW-07	6/29/2000	15-35	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u						
MW-07	3/13/2001	15-35	on-site	CTBERK	8021B	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS							
MW-07	3/13/2001	15-35	on-site	CTBERK	8260B	< 2.5	u	< 2.5	u	< 1.3	u	< 1.3	u	NS		NS		NS		< 1.3	u	< 1.3	u						
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8021B	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS							
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	NS		NS		NS		< 0.5	u	< 0.5	u						
MW-07	6/27/2001	15-35	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 1.3	u	< 1.3	u	< 1.3	u						
MW-07	9/20/2001	15-35	on-site	CTBERK	8260B	< 1.7	u	< 3.3	u	< 1.7	u	< 1.7	u	< 33	u	< 33	u	< 1.7	u	< 1.7	u	< 1.7	u						
MW-07	9/20/2001	28 ft	on-site	CTBERK	8260B	< 1.7	u	< 3.3	u	< 1.7	u	< 1.7	u	< 33	u	< 33	u	< 1.7	u	< 1.7	u	< 1.7	u						
MW-07	12/19/2001	28 ft	on-site	CTBERK	8260B	< 1.7	u	< 3.3	u	< 1.7	u	< 1.7	u	< 33	u	< 33	u	< 1.7	u	< 1.7	u	< 1.7	u						
MW-07	3/20/2002	28 Ft	on-site	CTBERK	8260B	< 0.8	u	< 1.7	u	< 0.8	u	< 0.8	u	< 17	u	< 17	u	< 0.8	u	< 0.8	u	< 0.8	u						
MW-07	6/21/2002	28 Ft	on-site	STL Sac	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 25	u	< 5	u	< 5	u	< 5	u	< 5	u						
MW-07	9/24/2002	28 Ft	on-site	STL Sac	8260B	< 5	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 10	u	< 5	u	< 5	u						
MW-07	11/14/2002	28 Ft	on-site	STL Sac	8260B	< 12	uUJ	< 25	uUJ	< 12	uUJ	< 12	uUJ	< 12	uUJ	< 62	uUJ	< 12	uUJ	< 12	uUJ	< 12	uUJ						
MW-07	2/19/2003	28 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u						
MW-07	5/6/2003	28 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u						
MW-07	7/22/2003	28 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u						
MW-07	10/24/2003	28 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u						
MW-07	3/10/2004	28 Ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 50	u	< 20	u	< 10	u	< 10	u	< 10	u						
MW-07 Duplicate	3/10/2004	28 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u	< 1	u	< 1	u						
MW-07	4/20/2004	15-35	on-site	STL Sac	8260B	< 5	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 10	u	< 5	u	< 5	u						
MW-08A	9/25/2003	10-25	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	4.17		< 2	u	< 10	u	< 4	u	< 10	u	< 2	u	1.62	j	< 2	u	1.16	j
MW-08A	10/10/2003	10-25	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-08A	3/10/2004	20.5 Ft	on-site	STLSEA	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 25	u	< 10	u	< 25	u	< 5	u	< 5	u	< 5	u	< 5	u		
MW-08A	4/21/2004	10-25	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-11A	10/10/2003	10-25	on-site	STLSEA	8260B	1.49		< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-11A	3/10/2004	21 ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-11A	4/27/2004	10-25	on-site	STL Sac	8260B	0.19	j	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 1	u		
MW-12A	11/4/2003	20 ft	on-site	STL Sac	8260B	2.3	j	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-12A	3/11/2004	20 ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 50	u	< 20	u	< 50	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-12A	4/27/2004	10-25	on-site	STL Sac	8260B	2.5	j	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 10	u		
MW-13A	10/10/2003	18-33	on-site	STLSEA	8260B	0.598	j	< 2	u	< 1	u	15.1		< 1	u	< 5	u	< 2	u	< 5	u	< 1	u	< 1	u	6.27		2.62	
MW-13A	3/10/2004	24 ft	on-site	STLSEA	8260B	< 200	u	< 400	u	< 200	u	< 200	u	< 1000	u	< 400	u	< 1000	u	< 200	u	< 200	u	< 200	u	< 200	u		
MW-13A	4/21/2004	18-33	on-site	STL Sac	8260B	< 50	u	< 50	u	< 50	u	20	j	< 50	u	< 50	u	< 100	u	< 50	u	< 50	u	< 50	u	< 50	u		
MW-22A	3/11/2004	20 ft	on-site	STLSEA	8260B	< 20	u	< 40	u	< 20	u	< 20	u	< 100	u	< 40	u	< 100	u	552		< 20	u	< 20	u	< 20	u		
MW-22A	4/21/2004	15-25	on-site	STL Sac	8260B	< 25	u	< 25	u	< 25	u	< 25	u	< 50	u	< 25	u	< 50	u	650		< 25	u	<					

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)			
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -	-		
MW-07	6/29/2000	15-35	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
MW-07	3/13/2001	15-35	on-site	CTBERK	8021B	NS		NS	NS		NS	< 0.5	u	< 0.5	u	NS		NS		NS		NS
MW-07	3/13/2001	15-35	on-site	CTBERK	8260B	NS		NS	NS		NS			NS		NS		NS		NS		NS
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8021B	NS		NS	NS		NS	< 0.5	u	< 0.5	u	NS		NS		NS		NS
MW-07 Duplicate	3/13/2001	15-35	on-site	CTBERK	8260B	NS		NS	NS		NS			NS		NS		NS		NS		NS
MW-07	6/27/2001	15-35	on-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u	NS	< 1.3	u
MW-07	9/20/2001	15-35	on-site	CTBERK	8260B	< 1.7	u	NS	< 1.7	u	NS	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	NS	< 1.7	u
MW-07	9/20/2001	28 ft	on-site	CTBERK	8260B	< 1.7	u	NS	< 1.7	u	NS	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	NS	< 1.7	u
MW-07	12/19/2001	28 ft	on-site	CTBERK	8260B	< 1.7	u	NS	< 1.7	u	NS	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	NS	< 1.7	u
MW-07	3/20/2002	28 Ft	on-site	CTBERK	8260B	< 0.8	u	NS	< 0.8	u	NS	< 0.8	u	< 0.8	u	< 0.8	u	< 0.8	u	NS		NS
MW-07	6/21/2002	28 Ft	on-site	STL Sac	8260B	NS		NS		u	NS	< 5	u	NS		NS		NS		NS	< 10	u
MW-07	9/24/2002	28 Ft	on-site	STL Sac	8260B	NS		NS		u	NS	< 5	u	NS		NS		NS		NS	< 10	u
MW-07	11/14/2002	28 Ft	on-site	STL Sac	8260B	NS		NS		< 25	uUJ	NS	< 12	uUJ	NS		NS		NS		< 25	uUJ
MW-07	2/19/2003	28 ft	on-site	STL Sac	8260B	NS		NS		< 20	u	NS	< 10	u	NS		NS		NS		< 20	u
MW-07	5/6/2003	28 ft	on-site	STL Sac	8260B	NS		NS		< 20	u	NS	< 10	u	NS		NS		NS		< 20	u
MW-07	7/22/2003	28 ft	on-site	STL Sac	8260B	NS		NS		< 20	u	NS	< 10	u	NS		NS		NS		< 20	u
MW-07	10/24/2003	28 ft	on-site	STL Sac	8260B	NS		NS		< 20	u	NS	< 10	u	NS		NS		NS		< 20	u
MW-07	3/10/2004	28 Ft	on-site	STLSEA	8260B	NS		NS		< 10	u	NS		< 20	u	NS		NS		NS	< 10	u
MW-07 Duplicate	3/10/2004	28 Ft	on-site	STLSEA	8260B	NS		NS		< 1	u	NS		< 2	u	< 1	u	NS		NS	< 1	u
MW-07	4/20/2004	15-35	on-site	STL Sac	8260B	NS		NS		< 10	u	NS		< 5	u	NS		NS		NS	< 10	u
MW-08A	9/25/2003	10-25	on-site	STLSEA	8260B	NS		NS		< 2	u	NS		< 4	u	< 2	u	NS		NS	< 2	u
MW-08A	10/10/2003	10-25	on-site	STLSEA	8260B	NS		NS		< 1	u	NS		< 2	u	< 1	u	NS		NS	< 1	u
MW-08A	3/10/2004	20.5 Ft	on-site	STLSEA	8260B	NS		NS		< 5	u	NS		< 10	u	< 5	u	NS		NS	< 5	u
MW-08A	4/21/2004	10-25	on-site	STL Sac	8260B	NS		NS		< 20	u	NS		< 10	u	NS		NS		NS	< 20	u
MW-11A	10/10/2003	10-25	on-site	STLSEA	8260B	NS		NS		< 1	u	NS		< 2	u	< 1	u	NS		NS	< 1	u
MW-11A	3/10/2004	21 ft	on-site	STLSEA	8260B	NS		NS		< 1	u	NS		< 2	u	< 1	u	NS		NS	< 1	u
MW-11A	4/27/2004	10-25	on-site	STL Sac	8260B	NS		NS		< 2	u	NS		< 1	u	NS		NS		NS	< 2	u
MW-12A	11/4/2003	20 ft	on-site	STL Sac	8260B	NS		NS		< 20	u	NS			NS		NS		NS		< 20	u
MW-12A	3/11/2004	20 ft	on-site	STLSEA	8260B	NS		NS		< 10	u	NS		< 20	u	< 10	u	NS		NS	< 10	u
MW-12A	4/27/2004	10-25	on-site	STL Sac	8260B	NS		NS		< 20	u	NS		< 10	u	NS		NS		NS	< 20	u
MW-13A	10/10/2003	18-33	on-site	STLSEA	8260B	NS		NS		< 1	u	NS		< 2	u	< 1	u	NS		NS	< 1	u
MW-13A	3/10/2004	24 ft	on-site	STLSEA	8260B	NS		NS		< 200	u	NS		< 400	u	< 200	u	NS		NS	< 200	u
MW-13A	4/21/2004	18-33	on-site	STL Sac	8260B	NS		NS		< 100	u	NS		< 50	u	NS		NS		NS	< 100	u
MW-22A	3/11/2004	20 ft	on-site	STLSEA	8260B	NS		NS		< 10	u	NS		< 20	u	< 10	u	NS		NS	< 10	u
MW-22A	4/21/2004	15-25	on-site	STL Sac	8260B	NS		NS		< 100	u	NS		< 50	u	NS		NS		NS	< 100	u
OFF-SITE A-ZONE LOCATIONS																						
A-Zone Hydropunch Locations																						
B-01-TR	3/24/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-01-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-02-TR	3/24/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-02-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS
B-03-TR	3/24/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-03-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS
B-04-TR	3/24/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-04-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS
B-05-TR	3/24/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-05-TR	3/25/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-05-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS
B-07-TR	3/25/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-07-TR	3/25/1993	25 ft	off-site	CTL	8020	NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS
B-10-TR	8/17/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-11-TR	8/17/1993	25 ft	off-site	CTL	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-22-TR	11/14/1995	19.5 ft	off-site	AEN	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-23-TR	11/14/1995	17.5 ft	off-site	AEN	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-25-TR	11/15/1995	18 ft	off-site	AEN	8010	NS		NS		NS		NS		NS		NS		NS		NS		NS
B-26-TR	11/15/1995	15 ft	off-site	AEN	8240	NS		NS		NS		< 10	u	NS		NS		NS		NS		NS
B-91	10/3/2003	25 Ft	off-site	STLSEA	8260B	NS		NS		< 2	u	NS		< 4	u	< 2	u	NS		NS	< 2	u
B-93	10/3/2003	25 Ft	off-site	STLSEA	8260B	NS																

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLOROBENZENE (µg/L)															
B-105	12/12/2003	25 Ft	off-site	CHROMA	CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	70															
					RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25															
B-105	12/12/2003	25 Ft	off-site	CHROMA	8260B	< 1	u	< 1	u	< 1	u	< 100	u	< 1	u	< 2	u	NS	< 100	u	< 10	u	< 1	u										
A-Zone Cone Penetrometer Locations																																		
CPT-04	10/22/2001	34 Ft	off-site	CTBERK	8260B	< 50	u	12000	< 50	u	< 50	u	440	< 50	u	< 1000	u	< 50	u	< 50	u	NS	< 1000	u	< 50	u	< 50	u						
CPT-06	10/24/2001	18 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	5.6	J	16	J	2.3	J	< 0.5	uUJ	1.2	J	< 10	uUJ	0.5	J	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ		
CPT-20	3/28/2002	21 Ft	off-site	CTBERK	8260B	< 0.5	u	1.1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u		
CPT-22	9/18/2002	18 Ft	off-site	STL Sac	8260B	940	u	60	j	14	j	< 20	u	< 20	u	< 200	u	< 20	u	< 20	u	12	j bU	< 1000	u	< 40	u	< 40	u	< 20	u	< 20	u	
CPT-22 Duplicate	9/18/2002	18 Ft	off-site	STL Sac	8260B	1100	u	69	J	20	J	< 20	u	< 20	u	200	U	< 20	u	< 20	u	< 20	u	< 20	u	< 1000	u	< 40	u	< 40	u	< 20	u	
CPT-25	9/25/2002	16 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u	
CPT-26	9/26/2002	20 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u	
CPT-27	9/26/2002	19 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u	
CPT-31	9/26/2002	37 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u	
A-Zone Monitoring Wells																																		
MW-14A	3/11/2004	28 ft	off-site	STLSEA	8260B	< 200	u	8480	< 200	u	< 200	u	898	< 200	u	< 1000	u	< 200	u	< 200	u	< 500	u	< 2000	u	< 1000	u	< 200	u	< 200	u	< 200	u	
MW-14A	4/28/2004	29-34	off-site	STL Sac	8260B	< 290	u	5300	750	u	< 290	u	580	< 290	u	< 2900	uq	< 290	u	< 290	u	< 290	u	< 15000	u	< 590	u	< 590	u	< 590	u	< 290	u	
MW-15A	3/11/2004	18 ft	off-site	STLSEA	8260B	< 20	u	873	57.1	u	< 20	u	21.6	< 20	u	< 100	u	< 20	u	< 20	u	< 20	u	< 200	u	< 100	u	< 20	u	< 20	u	< 20	u	
MW-15A	4/22/2004	14.5-24.5	off-site	STL Sac	8260B	< 50	u	1500#	100#	u	< 50	u	30#	j	< 50	u	< 500	u	< 50	u	< 50	u	< 50	u	< 2500	u	< 100	u	< 100	u	< 100	u	< 50	u
MW-16A	3/10/2004	20 ft	off-site	STLSEA	8260B	< 10	u	284	9.34	j	< 10	u	< 10	u	< 10	u	< 50	u	< 10	u	< 10	u	< 25	u	< 100	u	< 50	u	< 10	u	< 10	u	< 10	u
MW-16A Duplicate	3/10/2004	20 ft	off-site	STLSEA	8260B	< 10	u	279	8.84	j	< 10	u	< 10	u	< 10	u	< 50	u	< 10	u	< 10	u	< 25	u	< 100	u	< 50	u	< 10	u	< 10	u	< 10	u
MW-16A	4/27/2004	15-25	off-site	STL Sac	8260B	< 10	u	440	9.1	j	< 10	u	< 10	u	< 10	u	< 100	uq	< 10	u	< 10	u	< 10	u	< 500	u	< 20	u	< 20	u	< 20	u	< 10	u
MW-17A	3/10/2004	25 ft	off-site	STLSEA	8260B	< 2	u	68.6	< 2	u	< 2	u	2.18	< 2	u	10	uq	< 2	u	< 2	u	< 2	u	< 5	u	< 20	u	< 10	u	< 2	u	< 2	u	
MW-17A	4/27/2004	20.7-30.7	off-site	STL Sac	8260B	< 5	u	170	< 5	u	< 5	u	5.0	< 5	u	< 50	uq	< 5	u	< 5	u	< 5	u	< 250	u	< 10	u	< 10	u	< 5	u	< 5	u	
MW-18A	3/10/2004	20 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	5	U	< 1	u	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u	< 1	u	< 1	u	
MW-18A	4/28/2004	14.7-24.7	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 2	u	< 1	u	
MW-19A	3/10/2004	22 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	5	U	< 1	u	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u	< 1	u	< 1	u	
MW-19A	4/28/2004	14-24	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 2	u	< 1	u	
MW-20A	3/10/2004	16 ft	off-site	STLSEA	8260B	456	u	52.6	35.6	u	< 20	u	< 20	u	< 20	u	< 100	u	< 20	u	< 20	u	< 50	u	< 200	u	< 100	u	< 20	u	< 20	u	< 20	u
MW-20A	4/22/2004	10-20	off-site	STL Sac	8260B	2500#	u	150#	79#	u	< 50	u	< 50	u	< 50	u	< 500	u	< 50	u	< 50	u	< 50	u	< 2500	u	< 100	u	< 100	u	< 100	u	< 50	u
MW-21A	3/10/2004	16 ft	off-site	STLSEA	8260B	393	u	58.2	16.1	u	< 10	u	< 10	u	< 10	u	< 50	u	< 10	u	< 10	u	< 25	u	< 100	u	< 50	u	< 10	u	< 10	u	< 10	u
MW-21A	4/21/2004	10-20	off-site	STL Sac	8260B	640	u	48	18	j	< 25	u	< 25	u	< 25	u	< 250	uq	< 25	u	< 25	u	< 25	u	< 1200	u	< 50	u	< 50	u	< 50	u	< 25	u
MW-23A	6/4/2004	17-27	off-site	STL Sac	8260B	1.2	u	1.7	0.24	j	< 1	u	< 1	u	< 1																			

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
B-105	12/12/2003	25 Ft	off-site	CHROMA	CA MCL RWQCB ESL 8260B	- 100 < 2	- 2.7 < 2	- 100 < 1	5 5 < 1	0.5 0.5 < 1	5 5 < 1	700 30 < 1	- - < 100	- 5 < 10	- 120 < 100	13 5 < 10	150 40 < 1	200 62 < 1	5 5 < 1
A-Zone Cone Penetrometer Locations																			
CPT-04	10/22/2001	34 Ft	off-site	CTBERK	8260B	< 50	u	< 100	u	< 50	u	< 50	u	< 1000	u	< 50	u	< 50	u
CPT-06	10/24/2001	18 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	4.0	J	< 0.5	uUJ
CPT-20	3/28/2002	21 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-22	9/18/2002	18 Ft	off-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 40	u	< 20	u
CPT-22 Duplicate	9/18/2002	18 Ft	off-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 40	u	< 20	u
CPT-25	9/25/2002	16 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u
CPT-26	9/26/2002	20 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	0.22	j	< 1	u	< 1	u	< 2	u	< 1	u
CPT-27	9/26/2002	19 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u
CPT-31	9/26/2002	37 Ft	off-site	STL Sac	8260B	0.16	j	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 1	u
A-Zone Monitoring Wells																			
MW-14A	3/11/2004	28 ft	off-site	STLSEA	8260B	< 200	u	< 400	u	< 200	u	< 200	u	< 1000	u	< 400	u	< 200	u
MW-14A	4/28/2004	29-34	off-site	STL Sac	8260B	< 290	u	< 290	u	< 290	u	< 290	u	< 590	u	< 290	u	< 290	u
MW-15A	3/11/2004	18 ft	off-site	STLSEA	8260B	< 20	u	< 40	u	< 20	u	< 20	u	< 100	u	< 40	u	< 20	u
MW-15A	4/22/2004	14.5-24.5	off-site	STL Sac	8260B	< 50	u	< 50	u	< 50	u	< 50	u	< 100	u	< 50	u	< 50	u
MW-16A	3/10/2004	20 ft	off-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 50	u	< 20	u	< 10	u
MW-16A Duplicate	3/10/2004	20 ft	off-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 50	u	< 20	u	< 10	u
MW-16A	4/27/2004	15-25	off-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	5.8	j
MW-17A	3/10/2004	25 ft	off-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 10	u	< 4	u	< 2	u
MW-17A	4/27/2004	20.7-30.7	off-site	STL Sac	8260B	< 5	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 5	u
MW-18A	3/10/2004	20 ft	off-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	0.901	j
MW-18A	4/28/2004	14.7-24.7	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u
MW-19A	3/10/2004	22 ft	off-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u
MW-19A	4/28/2004	14-24	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 1	u
MW-20A	3/10/2004	16 ft	off-site	STLSEA	8260B	< 20	u	< 40	u	< 20	u	< 20	u	< 100	u	< 40	u	< 20	u
MW-20A	4/22/2004	10-20	off-site	STL Sac	8260B	< 50	u	< 50	u	< 50	u	< 50	u	< 100	u	< 50	u	< 50	u
MW-21A	3/10/2004	16 ft	off-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 50	u	< 20	u	< 10	u
MW-21A	4/21/2004	10-20	off-site	STL Sac	8260B	< 25	u	< 25	u	< 25	u	< 25	u	< 50	u	< 25	u	< 25	u
MW-23A	6/4/2004	17-27	off-site	STL Sac	8260B	< 1	u	< 1	u	0.54	j	< 1	u	< 1	u	< 2	u	0.28	J
MW-24A	3/15/2004	25 ft	off-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 10	u	< 4	u	< 2	u
MW-24A	4/27/2004	19.5-29.5	off-site	STL Sac	8260B	< 2.5	u	< 2.5	u	0.25	j	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u
MW-25A	6/9/2004	18-28	off-site	STL Sac	8260B	0.33	j	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 1	u
ON-SITE B-ZONE LOCATIONS																			
B-Zone Hydropunch Locations																			
B-66	9/19/2003	55 Ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	10.7	< 10	u	< 10	u	< 20	u	< 10
B-67	9/19/2003	55 Ft	on-site	STLSEA	8260B	< 2	uUJ	< 4	uUJ	< 2	uUJ	1.33	< 2	uUJ	< 2	uUJ	< 4	uUJ	< 10
B-68	9/29/2003	55 Ft	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	4.57	< 2	u	< 2	u	< 10	u	< 10
B-69	9/18/2003	55 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	< 5	u	< 1	u
B-70	9/17/2003	55 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 1	u	4.06	j	< 2	u
B-74	9/19/2003	55 Ft	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 2	u	< 10	u	< 4	u
B-75	9/22/2003	55 Ft	on-site	STLSEA	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 25	u	< 10	u
B-82	9/22/2003	55 Ft	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 2	u	< 10	u	< 4	u
B-87	9/24/2003	55 Ft	on-site	STLSEA	8260B	< 2	u	< 4	u	< 2	u	3.38	< 2	u	< 2	u	< 10	u	< 4
B-94	9/29/2003	55 Ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 50	u	< 20	u
B-94 Duplicate	9/29/2003	55 Ft	on-site	STLSEA	8260B	< 10	u	< 20	u	< 10	u	< 10	u	< 10	u	< 50	u	< 20	u
B-96	9/29/2003	55 Ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	3.52	0.526	j	< 1	u	< 5	u	< 2
B-Zone Cone Penetrometer Locations																			
CPT-01	10/23/2001	57 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u
CPT-02	10/22/2001	54 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	4.4	0.7	< 0.5	u	< 0.5	u	< 0.5	u
B-Zone Monitoring Wells																			
MW-01D	4/12/1993	45-60	on-site	CTL	8020	NS		NS		NS		NS		< 0.5	u	NS		NS	< 0.5
MW-01D	4/12/1993	45-60	on-site	CTL	8240	< 100	u	< 300	u	< 100	u	< 100	u	< 100	u	< 300	u	< 300	u
MW-01D	4/27/1993	45-60	on-site	CTL	8010	< 100	u	< 200	u	< 100	u	< 100	u	< 100	u	NS		NS	< 100
MW-01D	11/17/1995	45-60	on-site	MCA	8010	< 25	u	< 100	u	< 25	u	< 25	u	< 25	u	NS		NS	< 25
MW-01D	6/29/2000	45-60	on-site	CTBERK	8021B	NS		NS		NS		NS		< 0.5	u	NS		NS	< 0.5
MW-01D	6/29/2000	45-60	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	2.0	< 1.3	u	< 1.3	u	< 25	u	< 1.3
MW-01D	3/13/2001	45-60	on-site	CTBERK	8021B	NS		NS		NS		NS		< 0.5	u	NS		NS	< 0.5
MW-01D	3/13/2001	45-60	on-site	CTBERK	8260B	< 5	u	< 5	u	< 2.5	u	7.3	< 2.5	u	< 2.5	u	NS		NS

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)					
B-105	12/12/2003	25 Ft	off-site	CHROMA	CA MCL	-	-	-	-	-	1,750	-	-	-	-	-	-	-	-	-				
					RWQCB ESL	-	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-			
B-105	12/12/2003	25 Ft	off-site	CHROMA	8260B	< 1	u	NS	< 1	u	NS	< 1	u	< 2	u	NS	NS	< 2	u	< 2	u	NS	< 2	u
A-Zone Cone Penetrometer Locations																								
CPT-04	10/22/2001	34 Ft	off-site	CTBERK	8260B	< 50	u	NS	< 50	u	NS	< 50	u	< 50	u	< 50	u	< 50	u	NS	< 50	u	< 50	u
CPT-06	10/24/2001	18 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ
CPT-20	3/28/2002	21 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u	< 0.5	u
CPT-22	9/18/2002	18 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 40	u	NS	< 20	u	NS	NS	NS	NS	NS	NS	< 40	u	NS	< 40	u
CPT-22 Duplicate	9/18/2002	18 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 40	u	NS	< 20	u	NS	NS	NS	NS	NS	NS	< 40	u	NS	< 40	u
CPT-25	9/25/2002	16 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
CPT-26	9/26/2002	20 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
CPT-27	9/26/2002	19 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
CPT-31	9/26/2002	37 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
A-Zone Monitoring Wells																								
MW-14A	3/11/2004	28 ft	off-site	STLSEA	8260B	NS	NS	NS	< 200	u	NS	NS	< 400	u	< 200	u	NS	NS	NS	< 200	u	NS	< 200	u
MW-14A	4/28/2004	29-34	off-site	STL Sac	8260B	NS	NS	NS	< 590	u	NS	< 290	u	NS	NS	NS	NS	NS	NS	< 590	u	NS	< 590	u
MW-15A	3/11/2004	18 ft	off-site	STLSEA	8260B	NS	NS	NS	< 20	u	NS	NS	< 40	u	< 20	u	NS	NS	NS	< 20	u	NS	< 20	u
MW-15A	4/22/2004	14.5-24.5	off-site	STL Sac	8260B	NS	NS	NS	< 100	u	NS	< 50	u	NS	NS	NS	NS	NS	NS	< 100	u	NS	< 100	u
MW-16A	3/10/2004	20 ft	off-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
MW-16A Duplicate	3/10/2004	20 ft	off-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
MW-16A	4/27/2004	15-25	off-site	STL Sac	8260B	NS	NS	NS	< 20	u	NS	< 10	u	NS	NS	NS	NS	NS	NS	< 20	u	NS	< 20	u
MW-17A	3/10/2004	25 ft	off-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
MW-17A	4/27/2004	20.7-30.7	off-site	STL Sac	8260B	NS	NS	NS	< 10	u	NS	< 5	u	NS	NS	NS	NS	NS	NS	< 10	u	NS	< 10	u
MW-18A	3/10/2004	20 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	< 1	u
MW-18A	4/28/2004	14.7-24.7	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
MW-19A	3/10/2004	22 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	< 1	u
MW-19A	4/28/2004	14-24	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
MW-20A	3/10/2004	16 ft	off-site	STLSEA	8260B	NS	NS	NS	< 20	u	NS	NS	< 40	u	< 20	u	NS	NS	NS	< 20	u	NS	< 20	u
MW-20A	4/22/2004	10-20	off-site	STL Sac	8260B	NS	NS	NS	< 100	u	NS	< 50	u	NS	NS	NS	NS	NS	NS	< 100	u	NS	< 100	u
MW-21A	3/10/2004	16 ft	off-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
MW-21A	4/21/2004	10-20	off-site	STL Sac	8260B	NS	NS	NS	< 50	u	NS	< 25	u	NS	NS	NS	NS	NS	NS	< 50	u	NS	< 50	u
MW-23A	6/4/2004	17-27	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	1.3	NS	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
MW-24A	3/15/2004	25 ft	off-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
MW-24A	4/27/2004	19.5-29.5	off-site	STL Sac	8260B	NS	NS	NS	< 5	u	NS	< 2.5	u	NS	NS	NS	NS	NS	NS	< 5	u	NS	< 5	u
MW-25A	6/9/2004	18-28	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.67	j	NS	NS	NS	NS	NS	NS	< 2	u	NS	< 2	u
ON-SITE B-ZONE LOCATIONS																								
B-Zone Hydropunch Locations																								
B-66	9/19/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
B-67	9/19/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 2	uUJ	NS	NS	< 4	uUJ	< 2	uUJ	NS	NS	NS	< 2	uUJ	NS	< 2	uUJ
B-68	9/29/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
B-69	9/18/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	< 1	u
B-70	9/17/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u	NS	< 1	u
B-74	9/19/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
B-75	9/22/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 5	u	NS	NS	< 10	u	< 5	u	NS	NS	NS	< 5	u	NS	< 5	u
B-82	9/22/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
B-87	9/24/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	NS	< 4	u	< 2	u	NS	NS	NS	< 2	u	NS	< 2	u
B-94	9/29/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
B-94 Duplicate	9/29/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 10	u	NS	NS	< 20	u	< 10	u	NS	NS	NS	< 10	u	NS	< 10	u
B-96	9/29/2003	55 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	NS	NS	< 1	u			

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLORO BENZENE (µg/L)					
					CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	70					
					RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25					
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS					
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8260B	< 0.5	uUJ	0.6	bj	< 0.5	uUJ	< 0.5	uUJ	NS	< 0.5	uUJ	< 1	uUJ	NS					
MW-01D	6/27/2001	45-60	on-site	CTBERK	8260B	< 1.3	u	300		2.1	< 1.3	u	< 25	u	< 1.3	u	< 2.5	u	< 1.3	u				
MW-01D Duplicate	6/27/2001	45-60	on-site	CTBERK	8260B	1.5		320		2.0	< 1.3	u	< 25	u	< 1.3	u	< 2.5	u	< 1.3	u				
MW-01D	9/19/2001	45-60	on-site	CTBERK	8260B	< 2	u	520		9.6	< 2	u	< 40	u	3.1	< 2	u	< 4	u	NS				
MW-01D Duplicate	9/19/2001	45-60	on-site	CTBERK	8260B	< 2.5	u	530		9.0	< 2.5	u	< 50	u	3.6	< 2.5	u	< 5	u	NS				
MW-01D	9/19/2001	46 ft	on-site	CTBERK	8260B	4.6		460		9.7	< 2	u	< 40	u	3.0	< 2	u	< 4	u	NS				
MW-01D	9/19/2001	55 ft	on-site	CTBERK	8260B	< 8.3	u	1900		19	< 8.3	u	< 170	u	< 8.3	u	< 8.3	u	< 17	u				
MW-01D	12/19/2001	46 ft	on-site	CTBERK	8260B	9.7		2700		26	< 2.5	u	< 50	u	< 2.5	u	< 5	u	NS					
MW-01D	12/19/2001	55 ft	on-site	CTBERK	8260B	< 0.5	u	6.2		< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS				
MW-01D	3/20/2002	46 Ft	on-site	CTBERK	8260B	40		3100		27	< 8.3	u	< 170	u	< 8.3	u	< 17	u	NS					
MW-01D	3/20/2002	55 Ft	on-site	CTBERK	8260B	< 0.5	u	3.5		< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS				
MW-01D	6/21/2002	46 Ft	on-site	STL Sac	8260B	< 25	u	1400		15	< 25	u	< 250	u	11	< 25	u	< 50	u	< 620	u			
MW-01D	6/21/2002	51 Ft	on-site	STL Sac	8260B	< 50	u	3800		39	< 50	u	< 500	u	< 50	u	< 50	u	< 100	u	< 1200	u		
MW-01D	6/21/2002	56 Ft	on-site	STL Sac	8260B	< 5	u	400		3.4	< 5	u	< 50	u	< 5	u	< 10	u	< 120	u	< 25	u		
MW-01D	9/24/2002	51 Ft	on-site	STL Sac	8260B	< 50	u	2900		35	< 50	u	500	U	< 50	u	< 50	u	< 50	u	< 2500	u		
MW-01D	11/14/2002	51 Ft	on-site	STL Sac	8260B	< 100	uUJ	3300	J	< 100	uUJ	< 100	uUJ	< 1000	uUJ	< 100	uUJ	< 200	uUJ	< 500	uUJ	< 100	uUJ	
MW-01D	2/19/2003	46 ft	on-site	STL Sac	8260B	< 20	u	900		12	< 20	u	< 200	uq	5.2	< 20	u	4.8	j Bj	< 1000	u	< 40	u	
MW-01D	2/19/2003	51 ft	on-site	STL Sac	8260B	< 100	u	2400		30	< 100	u	< 1000	uq	< 100	u	< 100	u	20	j Bj	< 5000	u	< 200	u
MW-01D	2/19/2003	56 ft	on-site	STL Sac	8260B	< 2	u	76		0.88	< 2	u	20	U	< 2	u	< 2	u	< 2	uUJ	< 100	u	< 4	u
MW-01D	5/6/2003	46 ft	on-site	STL Sac	8260B	< 20	u	1000		14	< 20	u	< 200	uq	6.9	< 20	u	< 20	u	< 1000	u	< 40	u	
MW-01D	5/6/2003	51 ft	on-site	STL Sac	8260B	< 100	u	2600		34	< 100	u	< 1000	uq	< 100	u	< 100	u	< 5000	u	< 200	u	< 200	u
MW-01D	5/6/2003	56 ft	on-site	STL Sac	8260B	< 10	u	280		3.6	< 10	u	100	U	< 10	u	< 10	u	< 10	u	< 500	u	< 20	u
MW-01D	7/22/2003	51 ft	on-site	STL Sac	8260B	< 100	u	3000		51	< 100	u	1000	U	< 100	u	< 100	u	< 100	u	< 5000	u	< 200	u
MW-01D	10/24/2003	51 ft	on-site	STL Sac	8260B	< 100	u	2300		40	< 100	u	< 1000	uq	< 100	u	< 100	u	< 100	u	< 5000	u	< 200	u
MW-08B (prev. MW-01D)	3/10/2004	51 Ft	on-site	STLSEA	8260B	< 20	u	673		< 20	u	< 20	u	< 100	u	< 20	u	< 50	u	< 200	u	< 20	u	
MW-08B	4/20/2004	51 Ft	on-site	STL Sac	8260B	< 2.5	u	93		1.1	< 2.5	u	25	U	0.88	j	< 2.5	u	< 2.5	u	< 120	u	< 5	u
MW-08B Duplicate	4/20/2004	45-60	on-site	STL Sac	8260B	< 2.5	u	86		0.74	< 2.5	u	25	U	0.61	j	< 2.5	u	< 2.5	u	< 120	u	< 5	u
MW-11B	10/10/2003	40-50	on-site	STLSEA	8260B	4.66		7860	d	68.3	< 1	u	< 5	u	< 1	u	< 1	u	< 1	u	< 10	u	< 5	u
MW-11B	11/4/2003	50 ft	on-site	STL Sac	8260B	< 200	u	3700		< 200	u	< 200	u	< 2000	uq	< 200	u	< 200	u	< 10000	u	< 400	u	
MW-11B	3/11/2004	45 ft	on-site	STLSEA	8260B	< 200	u	9950		188	< 200	u	< 1000	u	< 200	u	< 200	u	< 500	u	< 2000	u	< 200	u
MW-11B	4/27/2004	40-50	on-site	STL Sac	8260B	< 300	u	11000		380	< 300	u	< 3000	uq	< 300	u	< 300	u	< 300	u	< 15000	u	< 600	u
MW-12B	10/10/2003	50-60	on-site	STLSEA	8260B	< 1	u	149	d	2.78	< 1	u	< 5	u	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u
MW-12B	3/10/2004	51 ft	on-site	STLSEA	8260B	< 1	u	161	J	196	< 1	u	< 5	u	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u
MW-12B	4/27/2004	50-60	on-site	STL Sac	8260B	< 10	u	72		200	< 10	u	< 100	uq	< 10	u	< 10	u	< 10	u	< 500	u	< 20	u
MW-13B	10/10/2003	45-55	on-site	STLSEA	8260B	0.873	j	807	d	58.5	< 1	u	6.88	U	< 1	u	< 1	u	< 2.5	u	< 10	u	< 5	u
MW-13B	3/11/2004	50 ft	on-site	STLSEA	8260B	< 50	u	1990		896	< 50	u	< 250	u	< 50	u	< 50	u	< 125	u	< 500	u	< 250	u
MW-13B	4/22/2004	45-55	on-site	STL Sac	8260B	< 100	u	1900		390	< 100	u	< 1000	u	< 100	u	< 100	u	< 100	u	< 5000	u	< 200	u

OFF-SITE B-ZONE LOCATIONS

B-Zone Hydropunch Locations

B-91	10/3/2003	55 Ft	off-site	STLSEA	8260B	< 2	u	25.1		1.13	j	< 2	u	1.32	j	< 2	u	11.8	U	< 2	u	< 2	u	< 5	u	< 20	u	< 10	u	< 2	u	< 2	u
B-101	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 50	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 50	u	< 5	u	< 0.5	u	
B-102	12/11/2003	52 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 50	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 50	u	< 5	u	< 0.5	u	
B-103	12/12/2003	45 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 50	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 50	u	< 5	u	< 0.5	u	
B-104	12/12/2003	55 Ft	off-site	CHROMA	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 50	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 50	u	< 5	u	< 0.5	u	
B-105	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 2	u	< 2	u	< 2	u	< 2	u	< 2	u	< 2	u	< 200	u	< 2	u	< 2	u	< 4	u	NS	< 200	u	< 20	u	< 2	u	

B-Zone Cone Penetrometer Locations

CPT-04	10/22/2001	45 Ft	off-site	CTBERK	8260B	< 25	u	4600		< 25	u	< 25	u	310	< 25	u	< 500	u	< 25	u	< 25	u	< 50	u	NS	< 500	u	< 25	u	< 25	u	
CPT-04	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1.3	u	240		1.3	u	< 1.3	u	11	< 1.3	u	< 25	u	< 1.3	u	< 1.3	u	< 2.5	u	NS	< 25	u	< 1.3	u	< 1.3	u	
CPT-04 Duplicate	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1	u	230		1.2	u	< 1	u	10	< 1	u	< 20	u	< 1	u	< 1	u	< 2	u	NS	< 20	u	< 1	u	< 1	u	
CPT-05	10/24/2001	37 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	44 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	63 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	53 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	150	J	0.8	J	< 0.5	uUJ	38	J	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	65 Ft	off-site	CTBERK	8260B	46	J	140	J	0.7	J	< 0.5	uUJ	21	J	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 1	uUJ	NS	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-07	10/25/2001	53 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	1100	J	6.5	J	< 2.5	uUJ	61	J	< 2.5	uUJ	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 7.1	u	NS	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-07	10/25/2001	61 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	750	J	4.1	J	< 2.5	uUJ	31	J	< 2.5	uUJ	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 5	u	NS	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-07	10/25/2001	65 Ft	off-site	CTBERK	8260B	NS		NS		NS		NS	NS	NS		NS	NS		NS		NS		< 1	uUJ	NS	NS	NS	NS	NS	NS	NS	
CPT-07	10/25/2001	67 Ft	off-site	CTBERK	8260B	1.5	J	980#	J	4.5	J	< 1	uUJ	46	J	< 1	uUJ	< 20	uUJ	< 1	uUJ	< 1	uUJ	< 7.1	uUJ	NS	< 20	uUJ	< 1	uUJ	< 1	uUJ
CPT-07	10/25/2001	73 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	1000#		4.3	J	< 2.5	uUJ	43	J	< 2.5	uUJ	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 7.1	u	NS	< 50	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-08	10/29/2001	41 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u	< 0.5	u
CPT-08	10/29/2001	50 Ft	off-site	CTBERK	8260B	< 0.5	u	2.9		< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u	< 0.5	u	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	< 0.5	u	NS
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8260B	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	NS	NS	< 20	uUJ	NS	NS	< 0.5	u
MW-01D	6/27/2001	45-60	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 1.3	u
MW-01D Duplicate	6/27/2001	45-60	on-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 1.3	u
MW-01D	9/19/2001	45-60	on-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	< 2	u
MW-01D Duplicate	9/19/2001	45-60	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u
MW-01D	9/19/2001	46 ft	on-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	< 2	u
MW-01D	9/19/2001	55 ft	on-site	CTBERK	8260B	< 8.3	u	< 17	u	< 8.3	u	< 8.3	u	< 170	u	< 170	u	< 8.3	u
MW-01D	12/19/2001	46 ft	on-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u
MW-01D	12/19/2001	55 ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
MW-01D	3/20/2002	46 Ft	on-site	CTBERK	8260B	< 8.3	u	< 17	u	< 8.3	u	< 8.3	u	< 170	u	< 170	u	< 8.3	u
MW-01D	3/20/2002	55 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
MW-01D	6/21/2002	46 Ft	on-site	STL Sac	8260B	< 25	u	< 50	u	< 25	u	< 25	u	< 120	u	< 25	u	< 25	u
MW-01D	6/21/2002	51 Ft	on-site	STL Sac	8260B	< 50	u	< 100	u	< 50	u	< 50	u	< 250	u	< 50	u	< 50	u
MW-01D	6/21/2002	56 Ft	on-site	STL Sac	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u
MW-01D	9/24/2002	51 Ft	on-site	STL Sac	8260B	< 50	u	< 50	u	< 50	u	< 50	u	< 100	u	< 50	u	< 50	u
MW-01D	11/14/2002	51 Ft	on-site	STL Sac	8260B	< 100	uUJ	< 200	uUJ	< 100	uUJ	< 100	uUJ	< 500	uUJ	< 100	uUJ	< 100	uUJ
MW-01D	2/19/2003	46 ft	on-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 20	u	< 40	u
MW-01D	2/19/2003	51 ft	on-site	STL Sac	8260B	< 100	u	< 100	u	< 100	u	< 100	u	< 200	u	< 100	u	< 100	u
MW-01D	2/19/2003	56 ft	on-site	STL Sac	8260B	< 2	u	< 2	u	< 2	u	< 2	u	< 4	u	< 2	u	< 4	u
MW-01D	5/6/2003	46 ft	on-site	STL Sac	8260B	< 20	u	< 20	u	< 20	u	< 20	u	< 40	u	< 20	u	< 40	u
MW-01D	5/6/2003	51 ft	on-site	STL Sac	8260B	< 100	u	< 100	u	< 100	u	< 100	u	< 200	u	< 100	u	< 100	u
MW-01D	5/6/2003	56 ft	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 10	u
MW-01D	7/22/2003	51 ft	on-site	STL Sac	8260B	< 100	u	< 100	u	< 100	u	< 100	u	< 200	u	< 100	u	< 100	u
MW-01D	10/24/2003	51 ft	on-site	STL Sac	8260B	< 100	u	< 100	u	< 100	u	< 100	u	< 200	u	< 100	u	< 100	u
MW-08B (prev. MW-01D)	3/10/2004	51 Ft	on-site	STLSEA	8260B	< 20	u	< 40	u	< 20	u	< 20	u	< 100	u	< 40	u	< 20	u
MW-08B	4/20/2004	51 Ft	on-site	STL Sac	8260B	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u
MW-08B Duplicate	4/20/2004	45-60	on-site	STL Sac	8260B	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u
MW-11B	10/10/2003	40-50	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	1.74	6.49
MW-11B	11/4/2003	50 ft	on-site	STL Sac	8260B	< 200	u	< 200	u	< 200	u	< 200	u	< 400	u	< 200	u	< 200	u
MW-11B	3/11/2004	45 ft	on-site	STLSEA	8260B	< 200	u	< 400	u	< 200	u	< 200	u	< 1000	u	< 400	u	< 200	u
MW-11B	4/27/2004	40-50	on-site	STL Sac	8260B	< 300	u	< 300	u	< 300	u	< 300	u	< 600	u	< 300	u	< 300	u
MW-12B	10/10/2003	50-60	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u
MW-12B	3/10/2004	51 ft	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u
MW-12B	4/27/2004	50-60	on-site	STL Sac	8260B	< 10	u	< 10	u	< 10	u	< 10	u	< 20	u	< 10	u	< 10	u
MW-13B	10/10/2003	45-55	on-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	0.767	j
MW-13B	3/11/2004	50 ft	on-site	STLSEA	8260B	< 50	u	< 100	u	< 50	u	< 50	u	< 250	u	< 100	u	< 50	u
MW-13B	4/22/2004	45-55	on-site	STL Sac	8260B	< 100	u	< 100	u	< 100	u	< 100	u	< 200	u	< 100	u	< 100	u
OFF-SITE B-ZONE LOCATIONS																			
B-Zone Hydropunch Locations																			
B-91	10/3/2003	55 Ft	off-site	STLSEA	8260B	< 2	u	3.2	j	< 2	u	< 2	u	< 2	u	< 10	u	< 4	u
B-101	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 50	u	< 5	u	< 50	u
B-102	12/11/2003	52 Ft	off-site	CHROMA	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 50	u	< 5	u	< 50	u
B-103	12/12/2003	45 Ft	off-site	CHROMA	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 50	u	< 5	u	< 50	u
B-104	12/12/2003	55 Ft	off-site	CHROMA	8260B	< 1	u	< 1	u	< 0.5	u	< 0.5	u	< 50	u	< 5	u	< 50	u
B-105	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 4	u	< 4	u	< 2	u	< 2	u	< 200	u	< 20	u	< 200	u
B-Zone Cone Penetrometer Locations																			
CPT-04	10/22/2001	45 Ft	off-site	CTBERK	8260B	< 25	u	< 50	u	< 25	u	< 25	u	< 25	u	< 500	u	< 500	u
CPT-04	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1.3	u	< 2.5	u	< 1.3	u	< 1.3	u	< 25	u	< 25	u	< 25	u
CPT-04 Duplicate	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 20	u	< 20	u	< 1	u
CPT-05	10/24/2001	37 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	44 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	63 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	53 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	2.8	J	< 0.5	uUJ	< 10	uUJ	< 10	uUJ
CPT-06	10/24/2001	65 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	1.8	J	< 0.5	uUJ	< 10	uUJ	< 10	uUJ
CPT-07	10/25/2001	53 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	< 5	uUJ	< 2.5	uUJ	3.9	J	< 2.5	uUJ	< 50	uUJ	< 50	uUJ
CPT-07	10/25/2001	61 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	< 5	uUJ	< 2.5	uUJ	2.7	J	< 2.5	uUJ	< 50	uUJ	< 50	uUJ
CPT-07	10/25/2001	65 Ft	off-site	CTBERK	8260B	NS		NS		NS		NS		NS		NS		NS	
CPT-07	10/25/2001	67 Ft	off-site	CTBERK	8260B	< 1	uUJ	< 2	uUJ	< 1	uUJ	3.6	J	< 1	uUJ	< 20	uUJ	< 20	uUJ
CPT-07	10/25/2001	73 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	< 5	uUJ	< 2.5	uUJ	3.7	J	< 2.5	uUJ	< 20	uUJ	< 20	uUJ
CPT-08	10/29/2001	41 Ft	off-site	CTBERK	8260B	0.6		< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-08	10/29/2001	50 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS
MW-01D Duplicate	3/13/2001	45-60	on-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-01D	6/27/2001	45-60	on-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u
MW-01D Duplicate	6/27/2001	45-60	on-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u
MW-01D	9/19/2001	45-60	on-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
MW-01D Duplicate	9/19/2001	45-60	on-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u
MW-01D	9/19/2001	46 ft	on-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
MW-01D	9/19/2001	55 ft	on-site	CTBERK	8260B	< 8.3	u	NS	< 8.3	u	NS	< 8.3	u	< 8.3	u	< 8.3	u	< 8.3	u
MW-01D	12/19/2001	46 ft	on-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u
MW-01D	12/19/2001	55 ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
MW-01D	3/20/2002	46 Ft	on-site	CTBERK	8260B	< 8.3	u	NS	< 8.3	u	NS	< 8.3	u	< 8.3	u	< 8.3	u	< 8.3	u
MW-01D	3/20/2002	55 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
MW-01D	6/21/2002	46 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 50	u	NS	< 25	u	NS	NS	NS	NS	< 50	u
MW-01D	6/21/2002	51 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 100	u	NS	< 50	u	NS	NS	NS	NS	< 100	u
MW-01D	6/21/2002	56 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 10	u	NS	< 5	u	NS	NS	NS	NS	< 10	u
MW-01D	9/24/2002	51 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 100	u	NS	< 50	u	NS	NS	NS	NS	< 100	u
MW-01D	11/14/2002	51 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 200	uUJ	NS	< 100	uUJ	NS	NS	NS	NS	< 200	uUJ
MW-01D	2/19/2003	46 ft	on-site	STL Sac	8260B	NS	NS	NS	< 40	u	NS	< 20	u	NS	NS	NS	NS	< 40	u
MW-01D	2/19/2003	51 ft	on-site	STL Sac	8260B	NS	NS	NS	< 200	u	NS	< 100	u	NS	NS	NS	NS	< 200	u
MW-01D	2/19/2003	56 ft	on-site	STL Sac	8260B	NS	NS	NS	< 4	u	NS	< 2	u	NS	NS	NS	NS	< 4	u
MW-01D	5/6/2003	46 ft	on-site	STL Sac	8260B	NS	NS	NS	< 40	u	NS	< 20	u	NS	NS	NS	NS	< 40	u
MW-01D	5/6/2003	51 ft	on-site	STL Sac	8260B	NS	NS	NS	< 200	u	NS	< 100	u	NS	NS	NS	NS	< 200	u
MW-01D	5/6/2003	56 ft	on-site	STL Sac	8260B	NS	NS	NS	< 20	u	NS	< 10	u	NS	NS	NS	NS	< 20	u
MW-01D	7/22/2003	51 ft	on-site	STL Sac	8260B	NS	NS	NS	< 200	u	NS	< 100	u	NS	NS	NS	NS	< 200	u
MW-01D	10/24/2003	51 ft	on-site	STL Sac	8260B	NS	NS	NS	< 200	u	NS	< 100	u	NS	NS	NS	NS	< 200	u
MW-08B (prev. MW-01D)	3/10/2004	51 Ft	on-site	STLSEA	8260B	NS	NS	NS	< 20	u	NS	< 40	u	< 20	u	NS	NS	< 20	u
MW-08B	4/20/2004	51 Ft	on-site	STL Sac	8260B	NS	NS	NS	< 5	u	NS	< 2.5	u	NS	NS	NS	NS	< 5	u
MW-08B Duplicate	4/20/2004	45-60	on-site	STL Sac	8260B	NS	NS	NS	< 5	u	NS	< 2.5	u	NS	NS	NS	NS	< 5	u
MW-11B	10/10/2003	40-50	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	< 1	u
MW-11B	11/4/2003	50 ft	on-site	STL Sac	8260B	NS	NS	NS	< 400	u	NS	< 200	u	NS	NS	NS	NS	< 400	u
MW-11B	3/11/2004	45 ft	on-site	STLSEA	8260B	NS	NS	NS	< 200	u	NS	< 400	u	< 200	u	NS	NS	< 200	u
MW-11B	4/27/2004	40-50	on-site	STL Sac	8260B	NS	NS	NS	< 600	u	NS	< 300	u	NS	NS	NS	NS	< 600	u
MW-12B	10/10/2003	50-60	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	< 1	u
MW-12B	3/10/2004	51 ft	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	< 2	u	< 1	u	NS	NS	< 1	u
MW-12B	4/27/2004	50-60	on-site	STL Sac	8260B	NS	NS	NS	< 20	u	NS	< 10	u	NS	NS	NS	NS	< 20	u
MW-13B	10/10/2003	45-55	on-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	1.31	j	1.98	NS	NS	< 1	u
MW-13B	3/11/2004	50 ft	on-site	STLSEA	8260B	NS	NS	NS	< 50	u	NS	< 100	u	< 50	u	NS	NS	< 50	u
MW-13B	4/22/2004	45-55	on-site	STL Sac	8260B	NS	NS	NS	< 200	u	NS	< 100	u	NS	NS	NS	NS	< 200	u
OFF-SITE B-ZONE LOCATIONS																			
B-Zone Hydropunch Locations																			
B-91	10/3/2003	55 Ft	off-site	STLSEA	8260B	NS	NS	NS	< 2	u	NS	< 4	u	< 2	u	NS	NS	< 2	u
B-101	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 1	u	NS	< 1	u	NS
B-102	12/11/2003	52 Ft	off-site	CHROMA	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 1	u	NS	< 1	u	NS
B-103	12/12/2003	45 Ft	off-site	CHROMA	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 1	u	NS	< 1	u	NS
B-104	12/12/2003	55 Ft	off-site	CHROMA	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 1	u	NS	< 1	u	NS
B-105	12/12/2003	60 Ft	off-site	CHROMA	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 4	u	NS	< 4	u	NS
B-Zone Cone Penetrometer Locations																			
CPT-04	10/22/2001	45 Ft	off-site	CTBERK	8260B	< 25	u	NS	< 25	u	NS	< 25	u	< 25	u	< 25	u	< 25	u
CPT-04	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1.3	u	NS	< 1.3	u	NS	< 1.3	u	< 1.3	u	< 1.3	u	< 1.3	u
CPT-04 Duplicate	10/23/2001	65 Ft	off-site	CTBERK	8260B	< 1	u	NS	< 1	u	NS	< 1	u	< 1	u	< 1	u	< 1	u
CPT-05	10/24/2001	37 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	44 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-05	10/24/2001	63 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	53 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	65 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-07	10/25/2001	53 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	NS	< 2.5	uUJ	NS	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-07	10/25/2001	61 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	NS	< 2.5	uUJ	NS	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-07	10/25/2001	65 Ft	off-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CPT-07	10/25/2001	67 Ft	off-site	CTBERK	8260B	< 1	uUJ	NS	< 1	uUJ	NS	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ
CPT-07	10/25/2001	73 Ft	off-site	CTBERK	8260B	< 2.5	uUJ	NS	< 2.5	uUJ	NS	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ	< 2.5	uUJ
CPT-08	10/29/2001	41 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-08	10/29/2001	50 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLOROBENZENE (µg/L)														
					CA MCL RWQCB ESL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	-	70													
						5	5	6	10	6	0.5	700	1	100	9.8		4,200		25														
CPT-08	10/30/2001	66 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u												
CPT-08	10/30/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-09	11/2/2001	34 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-09	11/2/2001	41 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-09	11/2/2001	61 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-10	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-10 Duplicate	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-10	11/2/2001	59 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-11	11/7/2001	43 Ft	off-site	CTBERK	8260B	< 5	u	1100	6.2	18	< 5	u	< 100	u	< 5	u	< 10	u	< 5	u	< 5	u											
CPT-11	11/7/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	0.7	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u											
CPT-12	10/29/2001	48 Ft	off-site	CTBERK	8260B	< 2	u	460	< 2	21	< 2	u	< 40	u	< 2	u	< 4	u	< 2	u	< 2	u											
CPT-12	10/29/2001	62 Ft	off-site	CTBERK	8260B	< 0.5	u	110	< 0.5	21	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u											
CPT-12	10/29/2001	77 Ft	off-site	CTBERK	8260B	< 1.7	u	390	< 1.7	45	< 1.7	u	< 33	u	< 1.7	u	< 3.3	u	< 1.7	u	< 1.7	u											
CPT-13	10/26/2001	52 Ft	off-site	CTBERK	8260B	< 2	u	500	< 2	41	< 2	u	< 40	u	< 2	u	< 4	u	< 2	u	< 2	u											
CPT-13	10/26/2001	63 Ft	off-site	CTBERK	8260B	< 3.6	u	640	< 3.6	50	< 3.6	u	< 71	u	< 3.6	u	< 7.1	u	< 3.6	u	< 3.6	u											
CPT-14	10/30/2001	44 Ft	off-site	CTBERK	8260B	< 4.2	u	970	< 4.2	24	< 4.2	u	< 83	u	< 4.2	u	< 8.3	u	< 4.2	u	< 4.2	u											
CPT-14	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	600	< 2	13	< 2	u	< 40	u	< 2	u	< 4	u	< 2	u	< 2	u											
CPT-14 Duplicate	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	600	< 2	11	< 2	u	< 40	u	< 2	u	< 4	u	< 2	u	< 2	u											
CPT-15	10/31/2001	56 Ft	off-site	CTBERK	8260B	< 5	u	1100	< 5	14	< 5	u	< 100	u	< 5	u	< 10	u	< 5	u	< 5	u											
CPT-16	11/1/2001	52 Ft	off-site	CTBERK	8260B	< 1	u	260	< 1	19	< 1	u	< 20	u	< 1	u	< 2	u	< 1	u	< 1	u											
CPT-17	11/1/2001	47 Ft	off-site	CTBERK	8260B	< 2.5	u	650	< 2.5	33	< 2.5	u	< 50	u	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u											
CPT-17	11/1/2001	57 Ft	off-site	CTBERK	8260B	< 0.5	u	320	< 0.5	31	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 1.7	u	< 0.5	u											
CPT-18	3/29/2002	43 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-18	3/29/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-18	3/29/2002	72 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-19	3/29/2002	36 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-19	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-19 Duplicate	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-20	3/28/2002	44 Ft	off-site	CTBERK	8260B	< 0.5	u	1.8	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u											
CPT-20	3/28/2002	67 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u												
CPT-21	9/25/2002	50 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	10	U	0.28	j	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u						
CPT-22	9/18/2002	64 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	10	U	0.38	j	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u						
CPT-23	9/18/2002	30 Ft	off-site	STL Sac	8260B	330	J	24	j	< 5	u	< 5	u	50	U	< 5	u	< 5	u	< 250	u	< 10	u	< 10	u	< 5	u						
CPT-23	9/18/2002	50 Ft	off-site	STL Sac	8260B	< 5	u	260	J	1.5	j	< 5	u	< 50	u	< 5	u	2.7	j	5	U	< 250	u	< 10	u	< 10	u	< 5	u				
CPT-23 Duplicate	9/18/2002	50 Ft	off-site	STL Sac	8260B	< 2	u	220	j	1.0	j	0.27	j	44	J	< 2	u	50	U	< 2	u	< 100	u	< 4	u	< 4	u	< 2	u				
CPT-24	9/18/2002	55 Ft	off-site	STL Sac	8260B	87		11	u	< 2	u	< 2	u	1.3	j	< 2	u	20	U	0.33	j	< 2	u	< 2	u	< 100	u	< 4	u	< 4	u	< 2	u
CPT-25	9/25/2002	52 Ft	off-site	STL Sac	8260B	460	J	60	j	< 5	u	< 5	u	50	U	0.65	j	< 5	u	< 5	u	< 250	u	< 10	u	< 10	u	< 5	u				
CPT-26	9/25/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	46	j	< 1	u	< 1	u	< 10	u	0.21	j	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u				
CPT-27	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u				
CPT-28	9/27/2002	56 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	0.43	jU	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u				
CPT-29	9/27/2002	65 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	6.5	j bU	1.0		< 1	u	0.40	j bU	< 50	u	< 2	u	< 2	u	< 1	u		
CPT-31	9/26/2002	48 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	10	U	0.25	j	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u		
CPT-32	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u		
CPT-32 Duplicate	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u	< 1	u	< 50	u	< 2	u	< 2	u	< 1	u		
B-Zone Monitoring Wells																																	
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8010	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	NS		NS		< 1	u	< 2	u	NS		NS		NS		< 1	u		
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8020	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS		NS			
MW-02D	11/17/1995	50.5-60.5	off-site	MCA	8010	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 2	u	NS		NS		< 0.5	u	< 0.5	u	NS		NS		NS		< 0.5	u		
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8021B	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS		NS			
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS		NS		< 10	u	< 0.5	u	< 0.5	u		
MW-02D Duplicate	6/28/2000	50.5-60.5	off-site	CTBERK	8021B	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS		NS			
MW-02D Duplicate	6/28/2000	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS		NS		< 10	u	< 0.5	u	< 0.5	u		
MW-02D	3/12/2001	50.5-60.5	off-site	CTBERK	8021B	NS		NS		NS		NS		NS		NS		< 0.5	u	NS		NS		NS		NS		NS		NS			
MW-02D	3/12/2001	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS		NS		< 10	u	< 0.5	u	< 0.5	u		
MW-02D	6/27/2001	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS		NS		< 10	u	< 0.5	u	< 0.5	u		
MW-02D	9/19/2001	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 1	u	NS		NS		< 10	u	< 0.5	u	< 0.5			

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5
CPT-08	10/30/2001	66 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-08	10/30/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-09	11/2/2001	34 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-09	11/2/2001	41 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-09	11/2/2001	61 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-10	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-10 Duplicate	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-10	11/2/2001	59 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-11	11/7/2001	43 Ft	off-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 100	u	< 100	u	< 5	u
CPT-11	11/7/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-12	10/29/2001	48 Ft	off-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	< 2	u
CPT-12	10/29/2001	62 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-12	10/29/2001	77 Ft	off-site	CTBERK	8260B	< 1.7	u	< 3.3	u	< 1.7	u	< 1.7	u	< 33	u	< 33	u	< 1.7	u
CPT-13	10/26/2001	52 Ft	off-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	NS	u
CPT-13	10/26/2001	63 Ft	off-site	CTBERK	8260B	< 3.6	u	< 7.1	u	< 3.6	u	< 3.6	u	< 71	u	< 71	u	< 3.6	u
CPT-14	10/30/2001	44 Ft	off-site	CTBERK	8260B	< 4.2	u	< 8.3	u	< 4.2	u	< 4.2	u	< 83	u	< 83	u	< 4.2	u
CPT-14	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	< 2	u
CPT-14 Duplicate	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	< 4	u	< 2	u	< 2	u	< 40	u	< 40	u	< 2	u
CPT-15	10/31/2001	56 Ft	off-site	CTBERK	8260B	< 5	u	< 10	u	< 5	u	< 5	u	< 100	u	< 100	u	< 5	u
CPT-16	11/1/2001	52 Ft	off-site	CTBERK	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 20	u	< 20	u	< 1	u
CPT-17	11/1/2001	47 Ft	off-site	CTBERK	8260B	< 2.5	u	< 5	u	< 2.5	u	< 2.5	u	< 50	u	< 50	u	< 2.5	u
CPT-17	11/1/2001	57 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-18	3/29/2002	43 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-18	3/29/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-18	3/29/2002	72 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-19	3/29/2002	36 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	1.0	u
CPT-19	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-19 Duplicate	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-20	3/28/2002	44 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-20	3/28/2002	67 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 10	u	< 0.5	u
CPT-21	9/25/2002	50 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
CPT-22	9/18/2002	64 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
CPT-23	9/18/2002	30 Ft	off-site	STL Sac	8260B	< 5	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 5	u
CPT-23	9/18/2002	50 Ft	off-site	STL Sac	8260B	0.70	j	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 5	u
CPT-23 Duplicate	9/18/2002	50 Ft	off-site	STL Sac	8260B	< 2	u	< 2	u	< 2	u	3.8	J	0.48	j	< 2	u	< 4	u
CPT-24	9/18/2002	55 Ft	off-site	STL Sac	8260B	< 2	u	< 2	u	< 2	u	< 2	u	< 4	u	< 2	u	< 4	u
CPT-25	9/25/2002	52 Ft	off-site	STL Sac	8260B	< 5	u	< 5	u	< 5	u	< 5	u	< 10	u	< 5	u	< 10	u
CPT-26	9/25/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	1.9		0.39	j	< 1	u	< 1	u
CPT-27	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
CPT-28	9/27/2002	56 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	0.25	j	< 1	u	< 1	u	< 1	u
CPT-29	9/27/2002	65 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	1.8	j
CPT-31	9/26/2002	48 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
CPT-32	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
CPT-32 Duplicate	9/26/2002	49 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 2	u
B-Zone Monitoring Wells																			
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8010	< 1	u	< 2	u	< 1	u	< 1	u	NS	NS	< 20	u	NS	NS
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8020	NS		NS		NS		NS		NS	NS	NS		NS	NS
MW-02D	11/17/1995	50.5-60.5	off-site	MCA	8010	< 0.5	u	< 2	u	< 0.5	u	< 0.5	u	NS	NS	< 2	u	NS	NS
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8021B	NS		NS		NS		NS		NS	NS	NS		< 0.5	u
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8260B	< 0.5													

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -
CPT-08	10/30/2001	66 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-08	10/30/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-09	11/2/2001	34 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-09	11/2/2001	41 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-09	11/2/2001	61 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10 Duplicate	11/2/2001	39 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10	11/2/2001	59 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-11	11/7/2001	43 Ft	off-site	CTBERK	8260B	< 5	u	NS	< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u
CPT-11	11/7/2001	77 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	48 Ft	off-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
CPT-12	10/29/2001	62 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	77 Ft	off-site	CTBERK	8260B	< 1.7	u	NS	< 1.7	u	NS	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u
CPT-13	10/26/2001	52 Ft	off-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
CPT-13	10/26/2001	63 Ft	off-site	CTBERK	8260B	< 3.6	u	NS	< 3.6	u	NS	< 3.6	u	< 3.6	u	< 3.6	u	< 3.6	u
CPT-14	10/30/2001	44 Ft	off-site	CTBERK	8260B	< 4.2	u	NS	< 4.2	u	NS	< 4.2	u	< 4.2	u	< 4.2	u	< 4.2	u
CPT-14	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
CPT-14 Duplicate	10/30/2001	54 Ft	off-site	CTBERK	8260B	< 2	u	NS	< 2	u	NS	< 2	u	< 2	u	< 2	u	< 2	u
CPT-15	10/31/2001	56 Ft	off-site	CTBERK	8260B	< 5	u	NS	< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u
CPT-16	11/1/2001	52 Ft	off-site	CTBERK	8260B	< 1	u	NS	< 1	u	NS	< 1	u	< 1	u	< 1	u	< 1	u
CPT-17	11/1/2001	47 Ft	off-site	CTBERK	8260B	< 2.5	u	NS	< 2.5	u	NS	< 2.5	u	< 2.5	u	< 2.5	u	< 2.5	u
CPT-17	11/1/2001	57 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-18	3/29/2002	43 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-18	3/29/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-18	3/29/2002	72 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-19	3/29/2002	36 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-19	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-19 Duplicate	3/29/2002	53 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-20	3/28/2002	44 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-20	3/28/2002	67 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-21	9/25/2002	50 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.16	j	NS	NS	NS	NS	< 2	u
CPT-22	9/18/2002	64 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.23	j	NS	NS	NS	NS	< 2	u
CPT-23	9/18/2002	30 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 10	u	NS	< 5	u	NS	NS	NS	NS	< 10	u
CPT-23	9/18/2002	50 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 10	u	NS	< 5	u	NS	NS	NS	NS	< 10	u
CPT-23 Duplicate	9/18/2002	50 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 4	u	NS	< 2	u	NS	NS	NS	NS	< 4	u
CPT-24	9/18/2002	55 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 4	u	NS	< 2	u	NS	NS	NS	NS	< 4	u
CPT-25	9/25/2002	52 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 10	u	NS	< 5	u	NS	NS	NS	NS	< 10	u
CPT-26	9/25/2002	49 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
CPT-27	9/26/2002	49 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
CPT-28	9/27/2002	56 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.11	jU	NS	NS	NS	NS	< 2	u
CPT-29	9/27/2002	65 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	0.16	j bU	NS	NS	NS	NS	< 2	u
CPT-31	9/26/2002	48 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
CPT-32	9/26/2002	49 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
CPT-32 Duplicate	9/26/2002	49 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
B-Zone Monitoring Wells																			
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-02D	8/25/1993	50.5-60.5	off-site	CTL	8020	NS	NS	NS	NS	NS	2.1	NS	NS	NS	NS	NS	NS	NS	NS
MW-02D	11/17/1995	50.5-60.5	off-site	MCA	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS
MW-02D	6/28/2000	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u
MW-02D Duplicate	6/28/2000	50.5-60.5	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	< 0.5	u	NS	< 0.5	u	NS	NS	NS	NS
MW-02D Duplicate	6/28/2000	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u
MW-02D	3/12/2001	50.5-60.5	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5	u	< 0.5	u	NS	NS	NS	NS
MW-02D	3/12/2001	50.5-60.5	off-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-02D	6/27/2001	50.5-60.5	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
MW-02D	9/19/2001	50.5-60.5	off-site	CTBERK	8260B	0.9	NS	< 0.5	u	NS	< 0.5	u	NS	2.8	1.1	< 0.5	u	< 0.5	u
MW-02D	12/19/2001	59 ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
MW-02D Duplicate	3/20/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLOROBENZENE (µg/L)	
					CA MCL RWQCB ESL	5 5	5 5	6 6	10 10	6 6	0.5 0.5	- 700	1 1	- 100	- 9.8	- -	- 4,200	- -	70 25	
MW-02D	3/20/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u	< 0.5	u	
MW-02D	9/24/2002	59 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	< 1	u	
MW-02D	11/14/2002	59 Ft	off-site	STL Sac	8260B	< 1	uUJ	< 1	uUJ	< 1	uUJ	< 10	uUJ	< 1	uUJ	< 1	uUJ	< 1	uUJ	
MW-02D	2/19/2003	59 ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	U	< 1	u	< 1	u	< 1	u	
MW-02D	5/6/2003	59 ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	U	< 1	u	< 1	u	< 1	u	
MW-02D	7/22/2003	59 ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	U	0.13	j	< 1	u	< 1	u	
MW-02D	10/24/2003	59 ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	U	< 1	u	< 1	u	< 1	u	
MW-09B (prev. MW-02D)	3/10/2004	59 Ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 5	u	< 1	u	< 1	u	< 1	u	
MW-09B	4/27/2004	50.5-60.5	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 10	U	< 1	u	< 1	u	< 1	u	
MW-03D	8/25/1993	40-50	off-site	CTL	8010	< 2	u	170	< 2	u	15	< 4	u	NS	NS	< 2	u	NS	< 2	
MW-03D	8/25/1993	40-50	off-site	CTL	8020	NS		NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	
MW-03D	11/17/1995	40-50	off-site	MCA	8010	< 5	u	280	< 5	u	39	< 20	u	NS	NS	< 5	u	NS	< 5	
MW-03D	6/28/2000	40-50	off-site	CTBERK	8021B	NS		NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	
MW-03D	6/28/2000	40-50	off-site	CTBERK	8260B	< 3.6	u	1300	< 3.6	u	91	< 3.6	u	< 3.6	u	< 3.6	u	< 3.6	u	
MW-03D	9/7/2000	40-50	off-site	CTBERK	8260B	< 5	u	1500	< 5	u	69	< 5	u	< 100	u	< 5	u	< 5	u	
MW-03D	3/13/2001	40-50	off-site	CTBERK	8021B	NS		NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	
MW-03D	3/13/2001	40-50	off-site	CTBERK	8260B	< 3.6	u	970	< 3.6	u	60	< 3.6	u	NS	NS	< 3.6	u	NS	< 3.6	
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8021B	NS		NS	NS	NS	NS	NS	< 0.5	u	NS	NS	NS	NS	NS	
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8260B	< 5	u	1000#	< 5	u	61#	< 5	u	NS	NS	< 5	u	NS	< 5	
MW-03D	6/27/2001	40-50	off-site	CTBERK	8260B	5.6		1400	< 5	u	69	< 5	u	< 100	u	< 5	u	NS	< 100	
MW-03D	9/19/2001	40-50	off-site	CTBERK	8260B	< 1.7	u	480	< 1.7	u	32	< 1.7	u	< 33	u	< 1.7	u	NS	< 33	
MW-03D	9/19/2001	44 ft	off-site	CTBERK	8260B	< 5	u	1100	< 5	u	54	< 5	u	< 100	u	< 5	u	NS	< 100	
MW-03D	12/19/2001	44 ft	off-site	CTBERK	8260B	< 4.2	u	1100	< 4.2	u	42	< 4.2	u	< 83	u	< 4.2	u	NS	< 83	
MW-03D	3/20/2002	44 Ft	off-site	CTBERK	8260B	< 3.6	u	1300	< 3.6	u	50	< 3.6	u	< 71	u	< 3.6	u	NS	< 71	
MW-03D	9/24/2002	44 Ft	off-site	STL Sac	8260B	< 50	u	1300	< 50	u	93	< 50	U	< 50	u	< 50	u	< 2500	u	
MW-03D	11/14/2002	44 Ft	off-site	STL Sac	8260B	< 50	uUJ	1400	< 50	uUJ	81	< 50	uUJ	< 500	uUJ	< 50	uUJ	< 100	uUJ	
MW-03D Duplicate	11/14/2002	44 Ft	off-site	STL Sac	8260B	< 50	uUJ	1400	< 50	uUJ	79	< 50	uUJ	< 500	uUJ	< 50	uUJ	< 100	uUJ	
MW-03D	2/19/2003	44 ft	off-site	STL Sac	8260B	< 25	u	1100	< 25	u	74	< 25	u	< 250	uq	< 25	u	< 250	u	
MW-03D Duplicate	2/19/2003	44 ft	off-site	STL Sac	8260B	< 25	u	1100	< 25	u	77	< 25	u	< 250	uq	< 25	u	< 250	u	
MW-03D	5/6/2003	44 ft	off-site	STL Sac	8260B	< 25	u	1200	< 25	u	85	< 25	u	< 250	uq	< 25	u	< 250	u	
MW-03D	7/22/2003	44 ft	off-site	STL Sac	8260B	< 50	u	1200#	< 50	u	96#	< 50	u	< 500	uq	< 50	u	< 2500	u	
MW-03D	10/24/2003	44 ft	off-site	STL Sac	8260B	< 50	u	1300	< 50	u	94	< 50	u	< 500	uq	< 50	u	< 2500	u	
MW-10B (prev. MW-03D)	3/10/2004	44 Ft	off-site	STLSEA	8260B	< 50	u	1410	< 50	u	68.6	< 50	u	< 250	u	< 50	u	< 125	u	
MW-10B	4/26/2004	40-50	off-site	STL Sac	8260B	< 5	u	150	< 5	u	8.1	< 5	u	< 50	uq	< 5	u	< 5	u	
MW-10B Duplicate	4/26/2004	40-50	off-site	STL Sac	8260B	< 5	u	160	< 5	u	8.8	< 5	u	< 50	uq	< 5	u	< 5	u	
MW-14B	3/11/2004	43 ft	off-site	STLSEA	8260B	< 100	u	2270	< 100	u	158	< 100	u	< 500	u	< 100	u	< 250	u	
MW-14B	4/28/2004	40-50	off-site	STL Sac	8260B	< 50	u	780	< 50	u	48	< 50	j	< 50	u	< 500	uq	< 50	u	
MW-15B	3/10/2004	54 ft	off-site	STLSEA	8260B	< 20	u	627	< 20	u	57.3	< 20	u	< 100	u	< 20	u	< 50	u	
MW-15B	4/23/2004	49-59	off-site	STL Sac	8260B	< 50	u	1400	< 50	u	92	< 50	u	< 500	u	< 50	u	< 2500	u	
MW-16B	3/10/2004	40 ft	off-site	STLSEA	8260B	< 20	u	739	< 20	u	15.5	< 20	j	< 20	u	< 100	u	< 20	u	
MW-16B	4/26/2004	35-45	off-site	STL Sac	8260B	< 10	u	550	< 10	u	11	< 10	u	< 100	U	< 10	u	< 10	u	
MW-17B	3/10/2004	50 ft	off-site	STLSEA	8260B	< 1	u	11.6	< 1	u	0.689	< 1	j	< 1	u	< 1	u	< 2.5	u	
MW-17B	4/27/2004	44-54	off-site	STL Sac	8260B	< 10	u	280	< 10	u	9.6	< 10	j	< 10	u	< 100	uq	< 10	u	
MW-18B	3/10/2004	37 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	U	< 1	u	< 1	u	
MW-18B	4/28/2004	32-42	off-site	STL Sac	8260B	< 1	u	20	< 1	u	1.8	< 1	u	< 1	U	< 1	u	< 1	u	
MW-19B	3/10/2004	34 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 1	U	< 1	u	< 2.5	u	
MW-19B	4/28/2004	29-39	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 10	u	< 1	u	< 1	u	
MW-20B	3/10/2004	35 ft	off-site	STLSEA	8260B	507		347	< 20	u	< 20	u	< 20	u	< 100	u	< 20	u	< 200	u
MW-20B	4/22/2004	30.5-40.5	off-site	STL Sac	8260B	10000#		790#	< 200	u	< 200	u	< 200	u	< 2000	u	< 200	u	< 2000	u
MW-21B	3/10/2004	35 ft	off-site	STLSEA	8260B	498		157	< 20	u	< 20	u	< 20	u	< 100	u	< 20	u	< 200	u
MW-21B	4/21/2004	29-39	off-site	STL Sac	8260B	1500		98	< 50	u	< 50	u	< 50	uq	< 50	u	< 50	u	< 2500	u
MW-22B	3/10/2004	45 ft	off-site	STLSEA	8260B	< 1	u	20.8	< 1	u	0.833	< 1	j	< 1	u	< 1	u	< 2.		

C-ZONE LOCATIONS
C-Zone Cone Penetrometer Locations

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5
MW-02D	3/20/2002	59 Ft	off-site	CTBERK	8260B	< 0.5	u < 1	u < 0.5	u < 0.5	u < 0.5	u < 0.5	u < 0.5	u < 10	u < 10	u < 10	u < 0.5	u < 0.5	u < 0.5	u < 0.5
MW-02D	9/24/2002	59 Ft	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-02D	11/14/2002	59 Ft	off-site	STL Sac	8260B	< 1	uUJ < 2	uUJ < 1	uUJ < 1	uUJ < 1	uUJ < 1	uUJ < 1	uUJ < 5	uUJ < 1	uUJ < 5	uUJ < 1	uUJ < 1	uUJ < 1	uUJ < 1
MW-02D	2/19/2003	59 ft	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-02D	5/6/2003	59 ft	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-02D	7/22/2003	59 ft	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-02D	10/24/2003	59 ft	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-09B (prev. MW-02D)	3/10/2004	59 Ft	off-site	STLSEA	8260B	< 1	u < 2	u < 1	u < 1	u < 1	u < 1	u < 1	u < 5	u < 2	u < 5	u < 1	u < 1	u < 1	u < 1
MW-09B	4/27/2004	50.5-60.5	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-03D	8/25/1993	40-50	off-site	CTL	8010	< 2	u < 4	u < 2	u < 2	u < 2	u < 2	u NS	u NS	u < 40	u NS	u NS	u NS	u < 2	u < 2
MW-03D	8/25/1993	40-50	off-site	CTL	8020	NS	NS	NS	NS	NS	NS	u < 0.5	u NS	NS	NS	NS	NS	u < 0.5	u NS
MW-03D	11/17/1995	40-50	off-site	MCA	8010	< 5	u < 20	u < 5	u < 5	u < 5	u < 5	u NS	u NS	u < 20	u NS	NS	NS	u < 5	u < 5
MW-03D	6/28/2000	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	u < 0.5	u NS	NS	NS	NS	NS	u NS	NS
MW-03D	6/28/2000	40-50	off-site	CTBERK	8260B	< 3.6	u < 7.1	u < 3.6	u < 4.8	u < 3.6	u < 3.6	u < 3.6	u < 71	u < 71	u < 71	u < 3.6	u < 3.6	u < 3.6	u < 3.6
MW-03D	9/7/2000	40-50	off-site	CTBERK	8260B	< 5	u < 10	u < 5	u < 5	u < 5	u < 5	u < 5	u < 100	u < 100	u < 100	u < 5	u < 5	u < 5	u < 5
MW-03D	3/13/2001	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	u < 0.5	u NS	NS	NS	NS	NS	u < 0.5	u NS
MW-03D	3/13/2001	40-50	off-site	CTBERK	8260B	< 7.1	u < 7.1	u < 3.6	u < 4.3	u < 3.6	u < 3.6	u NS	u NS	u < 140	u NS	NS	NS	u < 3.6	u < 3.6
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	u < 0.5	u NS	NS	NS	NS	NS	u < 0.5	u NS
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8260B	< 10	u < 10	u < 5	u < 5	u < 5	u < 5	u NS	u NS	u < 200	u NS	NS	NS	u < 5	u < 5
MW-03D	6/27/2001	40-50	off-site	CTBERK	8260B	< 5	u < 10	u < 5	u < 5.0	u < 5	u < 5	u < 5	u < 100	u < 100	u < 100	u < 5	u < 5	u < 5	u < 5
MW-03D	9/19/2001	40-50	off-site	CTBERK	8260B	< 1.7	u < 3.3	u < 1.7	u < 2.7	u < 1.7	u < 1.7	u < 1.7	u < 33	u < 33	u < 33	u < 1.7	u < 1.7	u < 1.7	u < 1.7
MW-03D	9/19/2001	44 ft	off-site	CTBERK	8260B	< 5	u < 10	u < 5	u < 5	u < 5	u < 5	u < 5	u < 100	u < 100	u < 100	u < 5	u < 5	u < 5	u < 5
MW-03D	12/19/2001	44 ft	off-site	CTBERK	8260B	< 4.2	u < 8.3	u < 4.2	u < 4.2	u < 4.2	u < 4.2	u < 4.2	u < 83	u < 83	u < 83	u < 4.2	u < 4.2	u < 4.2	u < 4.2
MW-03D	3/20/2002	44 Ft	off-site	CTBERK	8260B	< 3.6	u < 7.1	u < 3.6	u < 4.0	u < 3.6	u < 3.6	u < 3.6	u < 71	u < 71	u < 71	u < 3.6	u < 3.6	u < 3.6	u < 3.6
MW-03D	9/24/2002	44 Ft	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-03D	11/14/2002	44 Ft	off-site	STL Sac	8260B	< 50	uUJ < 100	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 250	uUJ < 50	uUJ < 250	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50
MW-03D Duplicate	11/14/2002	44 Ft	off-site	STL Sac	8260B	< 50	uUJ < 100	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 250	uUJ < 50	uUJ < 250	uUJ < 50	uUJ < 50	uUJ < 50	uUJ < 50
MW-03D	2/19/2003	44 ft	off-site	STL Sac	8260B	< 25	u < 25	u < 25	u < 25	u < 25	u < 25	u < 25	u < 50	u < 25	u < 50	u < 50	u < 25	u < 25	u < 25
MW-03D Duplicate	2/19/2003	44 ft	off-site	STL Sac	8260B	< 25	u < 25	u < 25	u < 4.0	j < 25	u < 25	u < 25	u < 50	u < 25	u < 50	u < 50	u < 25	u < 25	u < 25
MW-03D	5/6/2003	44 ft	off-site	STL Sac	8260B	< 25	u < 25	u < 25	u < 4.2	j < 25	u < 25	u < 25	u < 50	u < 25	u < 50	u < 50	u < 25	u < 25	u < 25
MW-03D	7/22/2003	44 ft	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-03D	10/24/2003	44 ft	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-10B (prev. MW-03D)	3/10/2004	44 Ft	off-site	STLSEA	8260B	< 50	u < 100	u < 50	u < 50	u < 50	u < 50	u < 50	u < 250	u < 100	u < 250	u < 50	u < 50	u < 50	u < 50
MW-10B	4/26/2004	40-50	off-site	STL Sac	8260B	< 5	u < 5	u < 5	u < 5	u < 5	u < 5	u < 5	u < 10	u < 5	u < 10	u < 10	u < 5	u < 5	u < 5
MW-10B Duplicate	4/26/2004	40-50	off-site	STL Sac	8260B	< 5	u < 5	u < 5	u < 5	u < 5	u < 5	u < 5	u < 10	u < 5	u < 10	u < 10	u < 5	u < 5	u < 5
MW-14B	3/11/2004	43 ft	off-site	STLSEA	8260B	< 100	u < 200	u < 100	u < 100	u < 100	u < 100	u < 100	u < 500	u < 200	u < 500	u < 100	u < 100	u < 100	u < 100
MW-14B	4/28/2004	40-50	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-15B	3/10/2004	54 ft	off-site	STLSEA	8260B	< 20	u < 40	u < 20	u < 20	u < 20	u < 20	u < 20	u < 100	u < 40	u < 100	u < 20	u < 20	u < 20	u < 20
MW-15B	4/23/2004	49-59	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-16B	3/10/2004	40 ft	off-site	STLSEA	8260B	< 20	u < 40	u < 20	u < 20	u < 20	u < 20	u < 20	u < 100	u < 40	u < 100	u < 20	u < 20	u < 20	u < 20
MW-16B	4/26/2004	35-45	off-site	STL Sac	8260B	< 10	u < 10	u < 10	u < 3.1	j < 10	u < 10	u < 10	u < 20	u < 10	u < 20	u < 20	u < 10	u < 8.5	j < 10
MW-17B	3/10/2004	50 ft	off-site	STLSEA	8260B	< 1	u < 2	u < 1	u < 1	u < 1	u < 1	u < 1	u < 5	u < 2	u < 5	u < 1	u < 1	u < 1	u < 1
MW-17B	4/27/2004	44-54	off-site	STL Sac	8260B	< 10	u < 10	u < 10	u < 10	u < 10	u < 10	u < 10	u < 20	u < 10	u < 20	u < 20	u < 10	u < 10	u < 10
MW-18B	3/10/2004	37 ft	off-site	STLSEA	8260B	< 1	u < 2	u < 1	u < 1	u < 1	u < 1	u < 1	u < 5	u < 2	u < 5	u < 1	u < 0.601	j < 1	u < 1
MW-18B	4/28/2004	32-42	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 0.14	j < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-19B	3/10/2004	34 ft	off-site	STLSEA	8260B	< 1	u < 2	u < 1	u < 1	u < 1	u < 1	u < 1	u < 5	u < 2	u < 5	u < 1	u < 1	u < 1	u < 1
MW-19B	4/28/2004	29-39	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 1	u < 2	u < 1	u < 2	u < 1	u < 1	u < 1	u < 1
MW-20B	3/10/2004	35 ft	off-site	STLSEA	8260B	< 20	u < 40	u < 20	u < 20	u < 20	u < 20	u < 20	u < 100	u < 40	u < 100	u < 20	u < 20	u < 20	u < 20
MW-20B	4/22/2004	30.5-40.5	off-site	STL Sac	8260B	< 200	u < 200	u < 200	u < 200	u < 200	u < 200	u < 200	u < 400	u < 200	u < 400	u < 400	u < 200	u < 200	u < 200
MW-21B	3/10/2004	35 ft	off-site	STLSEA	8260B	< 10	u < 20	u < 10	u < 10	u < 10	u < 10	u < 10	u < 50	u < 20	u < 50	u < 10	u < 10	u < 10	u < 10
MW-21B	4/21/2004	29-39	off-site	STL Sac	8260B	< 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 50	u < 100	u < 50	u < 100	u < 100	u < 50	u < 50	u < 50
MW-22B	3/10/2004	45 ft	off-site	STLSEA	8260B	< 1	u < 2	u < 1	u < 0.618	j < 0.604	j < 1	u < 1	u < 5	u < 2	u < 5	u < 1.07	< 1	u < 1	u < 1
MW-22B	4/21/2004	40-50	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 0.42	j < 0.41	j < 1	u < 1	u < 2	u < 1	u < 2	u < 11	< 1	u < 1	u < 1
MW-23B	6/7/2004	48-58	off-site	STL Sac	8260B	< 1	u < 1	u < 1	u < 0.18	j < 1	u < 1	u < 1	u < 2	u < 1	u <				

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -
MW-02D	3/20/2002	59 Ft	off-site	CTBERK	8260B	< 0.5 u	NS	< 0.5 u	NS	< 0.5 u	NS	< 0.5 u	< 0.5 u	< 0.5 u	< 0.5 u	< 0.5 u	< 0.5 u	NS	< 0.5 u
MW-02D	9/24/2002	59 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-02D	11/14/2002	59 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 uUJ	NS	< 1 uUJ	NS	NS	NS	NS	NS	NS	< 2 uUJ	NS
MW-02D	2/19/2003	59 ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-02D	5/6/2003	59 ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-02D	7/22/2003	59 ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-02D	10/24/2003	59 ft	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-09B (prev. MW-02D)	3/10/2004	59 Ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-09B	4/27/2004	50.5-60.5	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-03D	8/25/1993	40-50	off-site	CTL	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-03D	8/25/1993	40-50	off-site	CTL	8020	NS	NS	NS	NS	NS	< 0.5 u	NS	NS	NS	NS	NS	NS	NS	NS
MW-03D	11/17/1995	40-50	off-site	MCA	8010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-03D	6/28/2000	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	< 0.5 u	NS	< 0.5 u	NS	NS	NS	NS	NS	NS
MW-03D	6/28/2000	40-50	off-site	CTBERK	8260B	< 3.6 u	NS	< 3.6 u	NS	< 3.6 u	< 3.6 u	NS	< 3.6 u	u	< 3.6 u	u	< 3.6 u	NS	< 3.6 u
MW-03D	9/7/2000	40-50	off-site	CTBERK	8260B	< 5 u	NS	< 5 u	NS	< 5 u	NS	< 5 u	< 5 u	u	< 5 u	u	< 5 u	NS	< 5 u
MW-03D	3/13/2001	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5 u	< 0.5 u	NS	NS	NS	NS	NS	NS
MW-03D	3/13/2001	40-50	off-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8021B	NS	NS	NS	NS	NS	NS	< 0.5 u	< 0.5 u	NS	NS	NS	NS	NS	NS
MW-03D Duplicate	3/13/2001	40-50	off-site	CTBERK	8260B	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-03D	6/27/2001	40-50	off-site	CTBERK	8260B	< 5 u	NS	< 5 u	NS	< 5 u	NS	< 5 u	< 5 u	u	< 5 u	u	< 5 u	NS	< 5 u
MW-03D	9/19/2001	40-50	off-site	CTBERK	8260B	< 1.7 u	NS	< 1.7 u	NS	< 1.7 u	NS	< 1.7 u	< 1.7 u	u	< 1.7 u	u	< 1.7 u	NS	< 1.7 u
MW-03D	9/19/2001	44 ft	off-site	CTBERK	8260B	< 5 u	NS	< 5 u	NS	< 5 u	NS	< 5 u	< 5 u	u	< 5 u	u	< 5 u	NS	< 5 u
MW-03D	12/19/2001	44 ft	off-site	CTBERK	8260B	< 4.2 u	NS	< 4.2 u	NS	< 4.2 u	NS	< 4.2 u	< 4.2 u	u	< 4.2 u	u	< 4.2 u	NS	< 4.2 u
MW-03D	3/20/2002	44 Ft	off-site	CTBERK	8260B	< 3.6 u	NS	< 3.6 u	NS	< 3.6 u	NS	< 3.6 u	< 3.6 u	u	< 3.6 u	u	< 3.6 u	NS	< 3.6 u
MW-03D	9/24/2002	44 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 100 u	NS	< 50 u	NS	NS	NS	NS	NS	NS	< 100 u	NS
MW-03D	11/14/2002	44 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 100 uUJ	NS	< 50 uUJ	NS	NS	NS	NS	NS	NS	< 100 uUJ	NS
MW-03D Duplicate	11/14/2002	44 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 100 uUJ	NS	< 50 uUJ	NS	NS	NS	NS	NS	NS	< 100 uUJ	NS
MW-03D	2/19/2003	44 ft	off-site	STL Sac	8260B	NS	NS	NS	< 50 u	NS	< 25 u	NS	NS	NS	NS	NS	NS	< 50 u	NS
MW-03D Duplicate	2/19/2003	44 ft	off-site	STL Sac	8260B	NS	NS	NS	< 50 u	NS	< 25 u	NS	NS	NS	NS	NS	NS	< 50 u	NS
MW-03D	5/6/2003	44 ft	off-site	STL Sac	8260B	NS	NS	NS	< 50 u	NS	< 25 u	NS	NS	NS	NS	NS	NS	< 50 u	NS
MW-03D	7/22/2003	44 ft	off-site	STL Sac	8260B	NS	NS	NS	< 100 u	NS	< 50 u	NS	NS	NS	NS	NS	NS	< 100 u	NS
MW-03D	10/24/2003	44 ft	off-site	STL Sac	8260B	NS	NS	NS	< 100 u	NS	< 50 u	NS	NS	NS	NS	NS	NS	< 100 u	NS
MW-10B (prev. MW-03D)	3/10/2004	44 Ft	off-site	STLSEA	8260B	NS	NS	NS	< 50 u	NS	NS	< 100 u	< 50 u	NS	NS	NS	NS	< 50 u	NS
MW-10B	4/26/2004	40-50	off-site	STL Sac	8260B	NS	NS	NS	< 10 u	NS	< 5 u	NS	NS	NS	NS	NS	NS	< 10 u	NS
MW-10B Duplicate	4/26/2004	40-50	off-site	STL Sac	8260B	NS	NS	NS	< 10 u	NS	< 5 u	NS	NS	NS	NS	NS	NS	< 10 u	NS
MW-14B	3/11/2004	43 ft	off-site	STLSEA	8260B	NS	NS	NS	< 100 u	NS	NS	< 200 u	< 100 u	NS	NS	NS	NS	< 100 u	NS
MW-14B	4/28/2004	40-50	off-site	STL Sac	8260B	NS	NS	NS	< 100 u	NS	< 50 u	NS	NS	NS	NS	NS	NS	< 100 u	NS
MW-15B	3/10/2004	54 ft	off-site	STLSEA	8260B	NS	NS	NS	< 20 u	NS	NS	< 40 u	< 20 u	NS	NS	NS	NS	< 20 u	NS
MW-15B	4/23/2004	49-59	off-site	STL Sac	8260B	NS	NS	NS	< 100 u	NS	< 50 u	NS	NS	NS	NS	NS	NS	< 100 u	NS
MW-16B	3/10/2004	40 ft	off-site	STLSEA	8260B	NS	NS	NS	< 20 u	NS	NS	< 40 u	< 20 u	NS	NS	NS	NS	< 20 u	NS
MW-16B	4/26/2004	35-45	off-site	STL Sac	8260B	NS	NS	NS	< 20 u	NS	< 10 u	NS	NS	NS	NS	NS	NS	< 20 u	NS
MW-17B	3/10/2004	50 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-17B	4/27/2004	44-54	off-site	STL Sac	8260B	NS	NS	NS	< 20 u	NS	< 10 u	NS	NS	NS	NS	NS	NS	< 20 u	NS
MW-18B	3/10/2004	37 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-18B	4/28/2004	32-42	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-19B	3/10/2004	34 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-19B	4/28/2004	29-39	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-20B	3/10/2004	35 ft	off-site	STLSEA	8260B	NS	NS	NS	< 20 u	NS	NS	< 40 u	< 20 u	NS	NS	NS	NS	< 20 u	NS
MW-20B	4/22/2004	30.5-40.5	off-site	STL Sac	8260B	NS	NS	NS	< 400 u	NS	< 200 u	NS	NS	NS	NS	NS	NS	< 400 u	NS
MW-21B	3/10/2004	35 ft	off-site	STLSEA	8260B														
MW-21B	4/21/2004	29-39	off-site	STL Sac	8260B	NS	NS	NS	< 20 u	NS	NS	< 40 u	< 20 u	NS	NS	NS	NS	12.4 j	NS
MW-22B	3/10/2004	45 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-22B	4/21/2004	40-50	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-23B	6/7/2004	48-58	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-24B	3/15/2004	45 ft	off-site	STLSEA	8260B	NS	NS	NS	< 10 u	NS	NS	< 20 u	< 10 u	NS	NS	NS	NS	< 10 u	NS
MW-24B	4/27/2004	39.5-49.5	off-site	STL Sac	8260B	NS	NS	NS	< 20 u	NS	< 10 u	NS	NS	NS	NS	NS	NS	< 20 u	NS
MW-25B	6/9/2004	48-58	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS
MW-26B	3/10/2004	45 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1 u	NS	NS	< 2 u	< 1 u	NS	NS	NS	NS	< 1 u	NS
MW-26B	4/28/2004	40-50	off-site	STL Sac	8260B	NS	NS	NS	< 2 u	NS	< 1 u	NS	NS	NS	NS	NS	NS	< 2 u	NS

C-ZONE LOCATIONS
C-Zone Cone Penetrometer Locations

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLOROBENZENE (µg/L)
					CA MCL	5	5	6	10	6	0.5	-	1	-	-	-	-	-	70
					RWQCB ESL	5	5	6	10	6	0.5	700	1	100	9.8	-	4,200	-	25
CPT-01	10/23/2001	78 Ft	on-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-01	10/23/2001	89 Ft	on-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-02	10/22/2001	86 Ft	on-site	CTBERK	8260B	< 0.5	u	1.4		0.5	< 0.5	u	< 0.5	u	< 1	u	NS	< 10	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
					CA MCL	-	-	-	5	0.5	5	700	-	-	-	13	150	200	5
					RWQCB ESL	100	2.7	100	5	0.5	5	30	-	5	120	5	40	62	5
CPT-01	10/23/2001	78 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-01	10/23/2001	89 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-02	10/22/2001	86 Ft	on-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)		1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)		ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)		TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)			
					CA MCL	-		-		-			-	1,750	-	-	-	-	-	-	-		-		
					RWQCB ESL	-		-		-			-	13	-	-	-	-	-	-	-		-		
CPT-01	10/23/2001	78 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
CPT-01	10/23/2001	89 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u
CPT-02	10/22/2001	86 Ft	on-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u	NS	< 0.5	u

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	PCE (µg/L)	TCE (µg/L)	C-1,2-DCE (µg/L)	T-1,2-DCE (µg/L)	1,1-DCE (µg/L)	VINYL CHLORIDE (µg/L)	ACETONE (µg/L)	BENZENE (µg/L)	BDCMETANE (µg/L)	BROMOMETHANE (µg/L)	2-MTHL-2-PRP (µg/L)	2-BUTANONE (µg/L)	CARBON DISUL (µg/L)	CHLOROBNZENE (µg/L)
					CA MCL RWQCB ESL	5 5	5 5	6 6	10 10	6 6	0.5 0.5	- 700	1 1	- 100	- 9.8	- -	- 4,200	- -	70 25
CPT-04	10/23/2001	83 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-04	10/23/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	1.3	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5
CPT-05	10/24/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	85 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	7.7	< 0.5	uUJ	< 0.5	1.7	J	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ
CPT-07	10/25/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 1	u	< 0.5	uUJ
CPT-08	10/30/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	0.6	< 0.5	u	< 1	u	< 0.5
CPT-10	11/2/2001	75 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-10	11/7/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-10	11/7/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-11	11/7/2001	84 Ft	off-site	CTBERK	8260B	< 0.5	u	1.1	< 0.5	u	< 0.5	u	< 10	u	0.7	< 0.5	u	< 1	u
CPT-11	11/7/2001	96 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-12	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-12 Duplicate	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	0.6	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5
CPT-12	10/29/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-13	10/26/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-13	10/26/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-14	10/30/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-14	10/30/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-15	10/31/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-15	10/31/2001	101 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-16	11/1/2001	76 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-16	11/1/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-16	11/1/2001	100 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-17	11/1/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-18	3/29/2002	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-19	3/29/2002	84.5 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-20	3/28/2002	85 Ft	off-site	CTBERK	8260B	< 0.5	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 1	u	< 0.5	u
CPT-23	9/18/2002	72 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u
C-Zone Monitoring Wells																			
MW-15C	3/10/2004	93 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	6.53	U	< 1	u	< 1	u
MW-15C	4/22/2004	90-95	off-site	STL Sac	8260B	< 1	u	6.6	< 1	u	< 1	u	< 1	u	< 1	u	< 1	u	< 1
MW-19C	3/10/2004	75 ft	off-site	STLSEA	8260B	< 1	u	< 1	u	< 1	u	< 1	u	5	U	< 1	u	< 1	u
MW-19C	4/27/2004	70-80	off-site	STL Sac	8260B	0.33	j	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u
MW-19C Duplicate	4/28/2004	70-80	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	10	U	< 1	u	< 1	u
MW-23C	6/8/2004	93-103	off-site	STL Sac	8260B	< 1	u	0.68	j	< 1	u	< 1	u	10	U	< 1	u	< 1	u

Notes:
(µg/L) = Concentrations reported in micrograms per liter (µg/L).
Only the VOCs detected in one or more sample are reported.
NS = Not Sampled
< = Not Detected
u = Compound was analyzed for but not detected. Analyte result was below the Reporting Type Limit.
= Maximum of multiple analytical results
b = Analyte was detecte in the associated method blank at a similar concentration
j = Estimated Value
b = ORG: Compound is found in the associated blank as well as in the sample. INORG: Value less than contract required detection limit but greater than or equal to instrument detection limit.
q = Elevated reporting limit due to high analyte levels
d = Result from an analysis at a secondary dilution factor.
e = ORG: Concentrations exceed the calibration range of the instrument. INORG: Reported value was estimated because of the presence of interference.
J = The result is an estimated value
R = Result is qualified as rejected
U = Compound detected in an associate blank & treated as Non-Detect
UJ = The compound not detected at an estimated limit

Laboratories:
AEN = American Environmental Network
CHROMA = Chromalab, Inc.
CTBERK = Curtis&Thompkins Berkley
CTL = Curtis & Thompkins,LTD
MCA = MCCampbell Analytical, Inc.
MTA = MED-TOX Associates, Inc.
STL Sac = Severn Trent Laboratory, Sacramento
STLSEA = Severn Trent Laboratory, Seattle

Abbreviation	Chemical	Abbreviation	Chemical
ACETONE =	ACETONE	MTBE =	METHYL TERT-BUTYL ETHER
BENZENE =	BENZENE	PCE =	TETRACHLOROETHYLENE
BDCMETANE =	BROMODICHLOROMETHANE	TOLUENE =	TOLUENE
BROMOMETHANE =	BROMOMETHANE	TCE =	TRICHLOROETHYLENE
2-MTHL-2-PRP =	2-METHYL-2-PROPANOL	1,1,1-TCA =	1,1,1-TRICHLOROETHANE
2-BUTANONE =	2-BUTANONE	1,1,2-TCA =	1,1,2-TRICHLOROETHANE
CARBON DISUL =	CARBON DISULFIDE	VINYL CHLORIDE =	VINYL CHLORIDE
CHLOROBNZENE =	CHLOROBNZENE	TOTAL XYLENES =	TOTAL XYLENES
CHLOROFORM =	CHLOROFORM	1,2,4-TMTHLB =	1,2,4-TRIMETHYLBENZENE
CHLOROMETHANE =	CHLOROMETHANE	1,2-DCE =	1,2-DICHLOROETHENE
DBC METHANE =	DIBROMOCHLOROMETHANE	1,3,5-TMTHLB =	1,3,5-TRIMETHYLBENZENE
1,1-DCA =	1,1-DICHLOROETHANE	ISOPROPYLETHER =	ISOPROPYL ETHER
1,2-DCA =	1,2-DICHLOROETHANE	ISOP(CUMENE) =	ISOPROPYLBENZENE
C-1,2-DCE =	CIS-1,2-DICHLOROETHYLENE	M,P-XYLENE =	M,P-XYLENE
T-1,2-DCE =	TRANS-1,2-DICHLOROETHYLENE	N-BUTYLBENZENE =	N-BUTYLBENZENE
1,1-DCE =	1,1-DICHLOROETHYLENE	O-XYLENE =	O-XYLENE
1,2-DCPROPAN =	1,2-DICHLOROPROPANE	P-ISOPRLBENZ =	P-ISOPROPYLTOLUENE
ETHYLBENZENE =	ETHYLBENZENE	PROPYLBENZENE =	PROPYLBENZENE
2-HEXANONE =	2-HEXANONE	SEC-BTLBNZN =	SEC-BUTYLBENZENE
DICHLMETHANE =	METHYLENE CHLORIDE	T-BEE =	TERT-BUTYL ETHYL ETHER
4M2PENTANONE =	4-METHYL-2-PETANONE (MET. ISOBUT. KET.)	TERT-BTLBNZN =	TERT-BUTYLBENZENE

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	CHLOROFORM (µg/L)	CHLOROMETHANE (µg/L)	DBC METHANE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	1,2-DCPROPAN (µg/L)	ETHYLBENZENE (µg/L)	2-HEXANONE (µg/L)	DICHLMETHANE (µg/L)	4M2PENTANONE (µg/L)	MTBE (µg/L)	TOLUENE (µg/L)	1,1,1-TCA (µg/L)	1,1,2-TCA (µg/L)
					CA MCL RWQCB ESL	- 100	- 2.7	- 100	5 5	0.5 0.5	5 5	700 30	- -	- 5	- 120	13 5	150 40	200 62	5 5
CPT-04	10/23/2001	83 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-04	10/23/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-05	10/24/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	85 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-07	10/25/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	< 1	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 10	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-08	10/30/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-10	11/2/2001	75 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-10	11/7/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-10	11/7/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-11	11/7/2001	84 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-11	11/7/2001	96 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-12 Duplicate	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-13	10/26/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-13	10/26/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-14	10/30/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-14	10/30/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-15	10/31/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-15	10/31/2001	101 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	76 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	100 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-17	11/1/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-18	3/29/2002	98 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-19	3/29/2002	84.5 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-20	3/28/2002	85 Ft	off-site	CTBERK	8260B	< 0.5	u	< 1	u	< 0.5	u	< 0.5	u	< 10	u	< 0.5	u	< 0.5	u
CPT-23	9/18/2002	72 Ft	off-site	STL Sac	8260B	< 1	u	< 1	u	< 1	u	< 1	u	< 2	u	< 1	u	< 1	u
C-Zone Monitoring Wells																			
MW-15C	3/10/2004	93 ft	off-site	STLSEA	8260B	0.515	j	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u
MW-15C	4/22/2004	90-95	off-site	STL Sac	8260B	0.30	j	0.27	j	< 1	u	< 1	u	< 2	u	< 1	u	< 1	u
MW-19C	3/10/2004	75 ft	off-site	STLSEA	8260B	< 1	u	< 2	u	< 1	u	< 1	u	< 5	u	< 2	u	< 1	u
MW-19C	4/27/2004	70-80	off-site	STL Sac	8260B	< 1	u	0.28	j	< 1	u	< 1	u	< 2	u	< 2	u	< 1	u
MW-19C Duplicate	4/28/2004	70-80	off-site	STL Sac	8260B	< 1	u	0.28	j	< 1	u	< 1	u	< 2	u	< 2	u	< 1	u
MW-23C	6/8/2004	93-103	off-site	STL Sac	8260B	3.4		< 1	u	1.9		< 1	u	< 1	u	< 2	u	< 1	u

Notes:

(µg/L) = Concentrations reported in micrograms per liter (µg/L).
Only the VOCs detected in one or more sample are reported.
NS = Not Sampled
< = Not Detected
u = Compound was analyzed for but not detected. Analyte result was bc
= Maximum of multiple analytical results
b = Analyte was detecte in the associated method blank at a similar conc
j = Estimated Value
b = ORG: Compound is found in the associated blank as well as in the sa
q = Elevated reporting limit due to high analyte levels
d = Result from an analysis at a secondary dilution factor.
e = ORG: Concentrations exceed the calibration range of the instrument.
J = The result is an estimated value
R = Result is qualified as rejected
U = Compound detected in an associate blank & treated as Non-Detect
UJ = The compound not detected at an estimated limit

Laboratories:

AEN = American Environmental Network
CHROMA = Chromalab, Inc.
CTBERK = Curtis&Thompkins Berkley
CTL = Curtis & Thompkins,LTD
MCA = MCCampbell Analytical, Inc.
MTA = MED-TOX Associates, Inc.
STL Sac = Severn Trent Laboratory, Sacramento
STLSEA = Severn Trent Laboratory, Seattle

Abbreviation	Chemical	Abbreviation	Chemical
ACETONE	= ACETONE	MTBE	= METHYL TERT-BUTYL ETHER
BENZENE	= BENZENE	PCE	= TETRACHLOROETHYLENE
BDCMETANE	= BROMODICHLOROMETHANE	TOLUENE	= TOLUENE
BROMOMETHANE	= BROMOMETHANE	TCE	= TRICHLOROETHYLENE
2-MTHL-2-PRP	= 2-METHYL-2-PROPANOL	1,1,1-TCA	= 1,1,1-TRICHLOROETHANE
2-BUTANONE	= 2-BUTANONE (METHYL ETHYL KETONE)	1,1,2-TCA	= 1,1,2-TRICHLOROETHANE
CARBON DISUL	= CARBON DISULFIDE	VINYL CHLORIDE	= VINYL CHLORIDE
CHLOROBENZENE	= CHLOROBENZENE	TOTAL XYLENES	= TOTAL XYLENES
CHLOROFORM	= CHLOROFORM	1,2,4-TMTHLB	= 1,2,4-TRIMETHYLBENZENE
CHLOROMETHANE	= CHLOROMETHANE	1,2-DCE	= 1,2-DICHLOROETHENE
DBC METHANE	= DIBROMOCHLOROMETHANE	1,3,5-TMTHLB	= 1,3,5-TRIMETHYLBENZENE
1,1-DCA	= 1,1-DICHLOROETHANE	ISOPROPYLETHER	= ISOPROPYL ETHER
1,2-DCA	= 1,2-DICHLOROETHANE	ISOP(CUMENE)	= ISOPROPYLBENZENE
C-1,2-DCE	= CIS-1,2-DICHLOROETHYLENE	M,P-XYLENE	= M,P-XYLENE
T-1,2-DCE	= TRANS-1,2-DICHLOROETHYLENE	N-BUTYLBENZENE	= N-BUTYLBENZENE
1,1-DCE	= 1,1-DICHLOROETHYLENE	O-XYLENE	= O-XYLENE
1,2-DCPROPAN	= 1,2-DICHLOROPROPANE	P-ISOPRLBENZ	= P-ISOPROPYLTOLUENE
ETHYLBENZENE	= ETHYLBENZENE	PROPYLBENZENE	= PROPYLBENZENE
2-HEXANONE	= 2-HEXANONE	SEC-BTLBNZN	= SEC-BUTYLBENZENE
DICHLMETHANE	= METHYLENE CHLORIDE	T-BEE	= TERT-BUTYL ETHYL ETHER
4M2PENTANONE	= 4-METHYL-2-PETANONE (MET. ISOBUT. KET.)	TERT-BTLBNZN	= TERT-BUTYLBENZENE

Table 8-1
Volatile Organic Compounds Detected in Ground Water
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth (ft)	Location	Analytical Laboratory	Analytical Method	1,2,4-TMTHLB (µg/L)	1,2-DCE (µg/L)	1,3,5-TMTHLB (µg/L)	ISOPROPYLETHER (µg/L)	ISOP(CUMENE) (µg/L)	TOTAL XYLENES (µg/L)	M,P-XYLENE (µg/L)	O-XYLENE (µg/L)	N-BUTYLBENZENE (µg/L)	P-ISOPRLBENZ (µg/L)	PROPYLBENZENE (µg/L)	SEC-BTLBNZN (µg/L)	T-BEE (µg/L)	TERT-BTLBNZN (µg/L)
					CA MCL RWQCB ESL	- -	- -	- -	- -	- -	1,750 13	- -	- -	- -	- -	- -	- -	- -	- -
CPT-04	10/23/2001	83 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-04	10/23/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-05	10/24/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-06	10/24/2001	85 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-07	10/25/2001	97 Ft	off-site	CTBERK	8260B	< 0.5	uUJ	NS	< 0.5	uUJ	NS	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ	< 0.5	uUJ
CPT-08	10/30/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10	11/2/2001	75 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10	11/7/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-10	11/7/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-11	11/7/2001	84 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-11	11/7/2001	96 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-12 Duplicate	10/29/2001	87 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-12	10/29/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-13	10/26/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-13	10/26/2001	99 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-14	10/30/2001	86 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-14	10/30/2001	98 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-15	10/31/2001	88 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-15	10/31/2001	101 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	76 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	88 Ft	off-site	CTBERK	8260B	2.1	NS	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-16	11/1/2001	100 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-17	11/1/2001	95 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-18	3/29/2002	98 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-19	3/29/2002	84.5 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-20	3/28/2002	85 Ft	off-site	CTBERK	8260B	< 0.5	u	NS	< 0.5	u	NS	< 0.5	u	< 0.5	u	< 0.5	u	< 0.5	u
CPT-23	9/18/2002	72 Ft	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
C-Zone Monitoring Wells																			
MW-15C	3/10/2004	93 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	< 1	u
MW-15C	4/22/2004	90-95	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
MW-19C	3/10/2004	75 ft	off-site	STLSEA	8260B	NS	NS	NS	< 1	u	NS	NS	< 2	u	< 1	u	NS	< 1	u
MW-19C	4/27/2004	70-80	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
MW-19C Duplicate	4/28/2004	70-80	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u
MW-23C	6/8/2004	93-103	off-site	STL Sac	8260B	NS	NS	NS	< 2	u	NS	< 1	u	NS	NS	NS	NS	< 2	u

Notes:

(µg/L) = Concentrations reported in micrograms per liter (µg/L).
Only the VOCs detected in one or more sample are reported.
NS = Not Sampled
< = Not Detected
u = Compound was analyzed for but not detected. Analyte result was be
= Maximum of multiple analytical results
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j = Estimated Value
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q = Elevated reporting limit due to high analyte levels
d = Result from an analysis at a secondary dilution factor.
e = ORG: Concentrations exceed the calibration range of the instrument.
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R = Result is qualified as rejected
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UJ = The compound not detected at an estimated limit

Laboratories:

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CTBERK = Curtis&Thompkins Berkley
CTL = Curtis & Thompkins,LTD
MCA = MCCampbell Analytical, Inc.
MTA = MED-TOX Associates, Inc.
STL Sac = Severn Trent Laboratory, Sacramento
STLSEA = Severn Trent Laboratory, Seattle

Abbreviation Chemical
ACETONE = ACETONE
BENZENE = BENZENE
BDCMETANE = BROMODICHLOROMETHANE
BROMOMETHANE = BROMOMETHANE
2-MIHL-2-PRP = 2-METHYL-2-PROPANOL
2-BUTANONE = 2-BUTANONE
CARBON DISUL = CARBON DISULFIDE
CHLOROBENZENE = CHLOROBENZENE
CHLOROFORM = CHLOROFORM
CHLOROMETHANE = CHLOROMETHANE
DBC METHANE = DIBROMOCHLOROMETHANE
1,1-DCA = 1,1-DICHLOROETHANE
1,2-DCA = 1,2-DICHLOROETHANE
C-1,2-DCE = CIS-1,2-DICHLOROETHYLENE
T-1,2-DCE = TRANS-1,2-DICHLOROETHYLENE
1,1-DCE = 1,1-DICHLOROETHYLENE
1,2-DCPROPAN = 1,2-DICHLOROPROPANE
ETHYLBENZENE = ETHYLBENZENE
2-HEXANONE = 2-HEXANONE
DICHLMETHANE = METHYLENE CHLORIDE
4M2PENTANONE = 4-METHYL-2-PETANONE (MET. ISOBUT. KET.)

Abbreviation Chemical
MTBE = METHYL TERT-BUTYL ETHER
PCE = TETRACHLOROETHYLENE
TOLUENE = TOLUENE
TCE = TRICHLOROETHYLENE
1,1,1-TCA = 1,1,1-TRICHLOROETHANE
1,1,2-TCA = 1,1,2-TRICHLOROETHANE
VINYL CHLORIDE = VINYL CHLORIDE
TOTAL XYLENES = TOTAL XYLENES
1,2,4-TMTHLB = 1,2,4-TRIMETHYLBENZENE
1,2-DCE = 1,2-DICHLOROETHENE
1,3,5-TMTHLB = 1,3,5-TRIMETHYLBENZENE
ISOPROPYLETHER = ISOPROPYL ETHER
ISOP(CUMENE) = ISOPROPYLBENZENE
M,P-XYLENE = M,P-XYLENE
N-BUTYLBENZENE = N-BUTYLBENZENE
O-XYLENE = O-XYLENE
P-ISOPRLBENZ = P-ISOPROPYLTOLUENE
PROPYLBENZENE = PROPYLBENZENE
SEC-BTLBNZN = SEC-BUTYLBENZENE
T-BEE = TERT-BUTYL ETHYL ETHER
TERT-BTLBNZN = TERT-BUTYLBENZENE