

Table 7-3
Volatile Organic Compounds Detected in Soil Samples
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Sample Date	Analytical Depth	Analytical Laboratory	Analytical Method	PCE (µg/kg)	TCE (µg/kg)	C-1,2-DCE (µg/kg)	1,1-DCE (µg/kg)	VINYL CHLORIDE (µg/kg)	ACETONE (µg/kg)	BENZENE (µg/kg)	2-BUTANONE (µg/kg)	CARBON DISUL (µg/kg)	CHLOROFORM (µg/kg)	1,1-DCA (µg/kg)	T-1,2-DCE (µg/kg)	ETHYL BENZENE (µg/kg)	MC (µg/kg)	TOLUENE (µg/kg)	1,1,1-TCA (µg/kg)	1,1,2-TCA (µg/kg)	TOTAL XYLENES (µg/kg)	FREON-113 (µg/kg)	M-XYLENE (µg/kg)	O-XYLENE (µg/kg)	
			RWQCB Commercial/Industrial (<9.8 ft) ESL: RWQCB Commercial/Industrial (>9.8 ft) ESL:		250 250	460 460	190 190	1,000 1,000	19 19	240 240	44 44	3,900 3,900	- -	270 270	200 200	670 670	3,300 3,300	77 77	2,900 2,900	7,800 7,800	70 70	1,500 1,500	- -	- -	- -	
B-01-ENG	1/29/1992	19.5 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-02-ENG	1/29/1992	2 ft	CHR	8010	< 2.5 u	12	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-02-ENG	1/29/1992	19.5 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-03-ENG	1/29/1992	1.5 ft	CHR	8010	< 2.5 u	53	72	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-03-ENG	1/29/1992	5 ft	CHR	8010	< 2.5 u	11	4.9	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-03-ENG	1/29/1992	18.5 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-04-ENG	1/29/1992	2.5 ft	CHR	8010	< 2.5 u	86	26	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-04-ENG	1/29/1992	6 ft	CHR	8010	< 2.5 u	84	24	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-04-ENG	1/29/1992	19.5 ft	CHR	8010	< 2.5 u	65	12	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-05-ENG	1/30/1992	2 ft	CHR	8010	9.2	830	7.7	< 5 u	< 5 u	NS	NS	NS	NS	< 5 u	< 5 u	< 5 u	NS	< 5 u	NS	< 5 u	< 5 u	NS	NS	NS	NS	
B-05-ENG	1/30/1992	13 ft	CHR	8010	< 2.5 u	140	11	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-05-ENG	1/30/1992	20 ft	CHR	8010	< 2.5 u	120	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-06-ENG	1/29/1992	2 ft	CHR	8010	4.1	220	20	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-06-ENG	1/29/1992	19.5 ft	CHR	8010	3.7	160	18	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-07-ENG	1/30/1992	2 ft	CHR	8010	4.2	310	38	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-07-ENG	1/30/1992	13 ft	CHR	8010	< 2.5 u	180	18	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-07-ENG	1/30/1992	19.5 ft	CHR	8010	< 2.5 u	130	8.1	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-08-ENG	1/30/1992	13 ft	CHR	8010	< 2.5 u	70	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-08-ENG	1/30/1992	19.5 ft	CHR	8010	< 2.5 u	69	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-09-ENG	1/30/1992	2 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-09-ENG	1/30/1992	19 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-09-ENG	3/1/1992	2 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	NS
B-10-ENG	1/30/1992	17.5 ft	CHR	8010	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-11-ENG	1/30/1992	17.5 ft	CHR	8010	< 2.5 u	96	6.3	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-12-ENG	1/30/1992	4.5 ft	CHR	8010	< 2.5 u	120	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-12-ENG	1/30/1992	9.5 ft	CHR	8010	< 2.5 u	96	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-12-ENG	1/30/1992	17.5 ft	CHR	8010	4.2	140	8.4	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	5.2	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-12-ENG	3/1/1992	4.5 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-12-ENG	3/1/1992	9.5 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-13-ENG	1/30/1992	1 ft	CHR	8010	< 2.5 u	150	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-13-ENG	1/30/1992	11 ft	CHR	8010	< 2.5 u	120	2.6	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-13-ENG	1/30/1992	16.5 ft	CHR	8010	< 2.5 u	150	7.1	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-13-ENG	3/1/1992	1 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-13-ENG	3/1/1992	11 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-14-ENG	1/30/1992	2 ft	CHR	8010	< 2.5 u	160	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-14-ENG	1/30/1992	12 ft	CHR	8010	< 2.5 u	100	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-14-ENG	1/30/1992	17.5 ft	CHR	8010	< 2.5 u	140	7.1	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-14-ENG	3/1/1992	2 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-14-ENG	3/1/1992	12 ft	CHR	602	NS	NS	NS	NS	NS	< 5 u	u	NS	NS	NS	NS	NS	< 5 u	NS	< 5 u	NS	NS	< 5 u	u	NS	NS	
B-15-ENG	1/30/1992	6 ft	CHR	8010	< 2.5 u	120	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-15-ENG	1/30/1992	12 ft	CHR	8010	< 2.5 u	100	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-15-ENG	1/30/1992	17.5 ft	CHR	8010	< 2.5 u	150	5	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-16-ENG	1/31/1992	6 ft	CHR	8010	< 2.5 u	20	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-16-ENG	1/31/1992	12 ft	CHR	8010	< 2.5 u	29	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-16-ENG	1/31/1992	17.5 ft	CHR	8010	< 2.5 u	17	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-17-ENG	1/31/1992	2 ft	CHR	8010	< 2.5 u	180	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-17-ENG	1/31/1992	6 ft	CHR	8010	< 2.5 u	110	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-17-ENG	1/31/1992	11 ft	CHR	8010	< 2.5 u	110	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-17-ENG	1/31/1992	17 ft	CHR	8010	< 2.5 u	140	4.3	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-19-ENG	1/31/1992	16.5 ft	CHR	8010	3.7	< 2.5 u	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS	< 2.5 u	< 2.5 u	< 2.5 u	NS	< 2.5 u	NS	< 2.5 u	< 2.5 u	NS	NS	NS	NS	
B-20-ENG	1/31/1992	15.5 ft	CHR	8010	9.9	13	< 2.5 u	< 2.5 u	< 2.5 u	NS	NS	NS	NS													

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Sample Location	Date	Sample Depth	Analytical Laboratory	Analytical Method	PCE (µg/kg)	TCE (µg/kg)	C-1,2-DCE (µg/kg)	1,1-DCE (µg/kg)	VINYL CHLORIDE (µg/kg)	ACETONE (µg/kg)	BENZENE (µg/kg)	2-BUTANONE (µg/kg)	CARBON DISUL (µg/kg)	CHLOROFORM (µg/kg)	1,1-DCA (µg/kg)	T-1,2-DCE (µg/kg)	ETHYLBENZENE (µg/kg)	MC (µg/kg)	TOLUENE (µg/kg)	1,1,1-TCA (µg/kg)	1,1,2-TCA (µg/kg)	TOTAL XYLENES (µg/kg)	FREON-113 (µg/kg)	M-XYLENE (µg/kg)	O-XYLENE (µg/kg)					
RWQCB Commercial/Industrial (<9.8 ft) ES/L					250	460	190	1,000	19	240	44	3,900	-	270	200	670	3,300	77	2,900	7,800	70	1,500	-	-	-					
RWQCB Commercial/Industrial (>9.8 ft) ES/L					250	460	190	1,000	19	240	44	3,900	-	270	200	670	3,300	77	2,900	7,800	70	1,500	-	-	-					
B-64	9/16/2003	6 ft	STLSEA	82608	11.5	J	10.2	J	<1.65	uUJ	<1.65	uUJ	<1.65	uUJ	<1.65	uUJ	<1.65	uUJ	<1.65	uUJ	<1.65	uUJ	NS	NS	<3.3	uUJ	<1.65	uUJ		
B-64	9/16/2003	10.5 ft	STLSEA	82608	<1.44	u	<1.44	u	<1.44	u	<1.44	u	<1.44	u	<1.44	u	<1.44	u	<1.44	u	<1.44	u	NS	NS	<2.87	u	<1.44	u		
B-64	9/16/2003	15.5 ft	STLSEA	82608	0.893	j	0.832	j	<1.65	u	<1.65	u	<1.65	u	<1.65	u	<1.65	u	<1.65	u	<1.65	u	NS	NS	<3.29	u	<1.65	u		
B-64	9/16/2003	20.5 ft	STLSEA	82608	2.8	4.41	<1.53	u	<1.53	u	<1.53	u	<1.53	u	<1.53	u	<1.53	u	<1.53	u	<1.53	u	NS	NS	<3.05	u	<1.53	u		
B-64	9/16/2003	25.5 ft	STLSEA	82608	4.57	5.58	<1.58	u	<1.58	u	<1.58	u	<1.58	u	<1.58	u	<1.58	u	<1.58	u	<1.58	u	NS	NS	<3.17	u	<1.58	u		
B-64	9/16/2003	30.5 ft	STLSEA	82608	11.2	30.1	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	<1.58	uUJ	NS	NS	<3.67	uUJ	<1.58	uUJ		
B-65	10/1/2003	2.5 ft	STLSEA	82608	<10.3	u	187	<10.3	u	<10.3	u	<10.3	u	<10.3	u	<10.3	u	10.3	ju	<10.3	u	<10.3	u	NS	NS	<20.7	u	<10.3	u	
B-65	10/1/2003	5.5 ft	STLSEA	82608	<1.75	u	51.6	<1.75	u	<1.75	u	<1.75	u	<1.75	u	<1.75	u	1.75	ju	<1.75	u	<1.75	u	NS	NS	<3.5	u	<1.75	u	
B-65	10/1/2003	10.5 ft	STLSEA	82608	<1.78	u	6.31	<1.78	u	<1.78	u	<1.78	u	<1.78	u	<1.78	u	1.78	ju	<1.78	u	<1.78	u	NS	NS	<3.56	u	<1.78	u	
B-65	10/1/2003	15 ft	STLSEA	82608	<1.99	u	36.7	<1.99	u	<1.99	u	<1.99	u	<1.99	u	<1.99	u	1.99	ju	<1.99	u	<1.99	u	NS	NS	<3.98	u	<1.99	u	
B-66	9/19/2003	0.5 ft	STLSEA	82608	<1.66	u	<1.66	u	<1.66	u	<1.66	u	<1.66	u	<1.66	u	<1.66	u	<1.66	u	<1.66	u	NS	NS	<3.31	u	<1.66	u		
B-66	9/19/2003	2.5 ft	STLSEA	82608	<1.81	u	47.9	<1.81	u	<1.81	u	<1.81	u	<1.81	u	<1.81	u	3.79	U	<1.81	u	<1.81	u	NS	NS	<3.63	u	<1.81	u	
B-66	9/19/2003	5.5 ft	STLSEA	82608	<1.7	u	5.9	<1.7	u	<1.7	u	<1.7	u	<1.7	u	<1.7	u	1.7	ju	<1.7	u	<1.7	u	NS	NS	<3.4	u	<1.7	u	
B-66	9/19/2003	10.5 ft	STLSEA	82608	<1.73	u	0.994	j	<1.73	u	<1.73	u	<1.73	u	<1.73	u	2.4	U	<1.73	u	<1.73	u	NS	NS	<3.46	u	<1.73	u		
B-66	9/19/2003	15.5 ft	STLSEA	82608	<1.83	u	1.51	j	<1.83	u	<1.83	u	<1.83	u	<1.83	u	2.49	U	<1.83	u	<1.83	u	NS	NS	<3.65	u	<1.83	u		
B-66	9/19/2003	20.5 ft	STLSEA	82608	<1.75	u	1.38	j	<1.75	u	<1.75	u	<1.75	u	<1.75	u	3.37	bU	<1.75	u	<1.75	u	NS	NS	<3.49	u	<1.75	u		
B-67	9/18/2003	0.5 ft	STLSEA	82608	<1.85	u	<1.85	u	<1.85	u	<1.85	u	<1.85	u	<1.85	u	3.85	U	<1.85	u	<1.85	u	NS	NS	<3.71	u	<1.85	u		
B-67	9/18/2003	2.5 ft	STLSEA	82608	2.58	u	2580	7.57	<1.89	u	<1.89	u	<1.89	u	<1.89	u	5.39	U	<1.89	u	<1.89	u	NS	NS	<3.77	u	<1.89	u		
B-67	9/18/2003	5.5 ft	STLSEA	82608	<1.72	u	90	1.27	j	<1.72	u	<1.72	u	<1.72	u	<1.72	u	4.01	U	<1.72	u	<1.72	u	NS	NS	<3.44	u	<1.72	u	
B-67	9/18/2003	10.5 ft	STLSEA	82608	<1.94	u	15.9	<1.94	u	<1.94	u	<1.94	u	<1.94	u	<1.94	u	4.24	U	<1.94	u	<1.94	u	NS	NS	<3.88	u	<1.94	u	
B-67	9/18/2003	15.5 ft	STLSEA	82608	<2.01	u	37.8	<2.01	u	<2.01	u	<2.01	u	<2.01	u	<2.01	u	4.72	U	<2.01	u	<2.01	u	NS	NS	<4.02	u	<2.01	u	
B-67	9/18/2003	20.5 ft	STLSEA	82608	1.51	u	19.8	<1.51	u	<1.51	u	<1.51	u	<1.51	u	<1.51	u	4.57	U	<1.51	u	<1.51	u	NS	NS	<3.02	u	<1.51	u	
B-67	9/18/2003	25.5 ft	STLSEA	82608	<1.87	u	5.89	<1.87	u	<1.87	u	<1.87	u	<1.87	u	<1.87	u	4.5	U	<1.87	u	<1.87	u	NS	NS	<3.74	u	<1.87	u	
B-67	9/18/2003	30.5 ft	STLSEA	82608	<1.467	u	19.9	<1.467	u	<1.467	u	<1.467	u	<1.467	u	<1.467	u	4.46	U	<1.467	u	<1.467	u	NS	NS	<3.71	u	<1.467	u	
B-68	9/29/2003	2.5 ft	STLSEA	82608	<1.19	u	20.9	<1.19	u	<1.19	u	<1.19	u	<1.19	u	<1.19	u	2.11	bU	<1.19	u	<1.19	u	NS	NS	<2.39	u	<1.19	u	
B-68	9/29/2003	5.5 ft	STLSEA	82608	<1.14	u	115	29.3	<1.14	u	<1.14	u	<1.14	u	<1.14	u	11.4	u	<1.14	u	<1.14	u	NS	NS	<2.27	u	<1.14	u		
B-68	9/29/2003	10.5 ft	STLSEA	82608	<1.84	u	65.8	<1.84	u	<1.84	u	<1.84	u	<1.84	u	<1.84	u	1.84	u	<1.84	u	<1.84	u	NS	NS	<3.67	u	<1.84	u	
B-68	9/29/2003	15.5 ft	STLSEA	82608	<2.78	u	56.7	34.2	<2.78	u	<2.78	u	<2.78	u	<2.78	u	2.78	u	<2.78	u	<2.78	u	NS	NS	<5.56	u	<2.78	u		
B-69	9/17/2003	2.5 ft	STLSEA	82608	4.44	u	67.3	<1.32	u	<1.32	u	<1.32	u	<1.32	u	<1.32	u	1.32	u	<1.32	u	<1.32	u	NS	NS	<2.64	u	<1.32	u	
B-69	9/17/2003	5.5 ft	STLSEA	82608	<1.23	u	0.767	j	<1.23	u	<1.23	u	<1.23	u	<1.23	u	1.23	u	<1.23	u	<1.23	u	NS	NS	<2.46	u	<1.23	u		
B-69	9/17/2003	10.5 ft	STLSEA	82608	<1.68	u	52	<1.68	u	<1.68	u	<1.68	u	<1.68	u	<1.68	u	1.68	u	<1.68	u	<1.68	u	NS	NS	<3.36	u	<1.68	u	
B-69	9/17/2003	15.5 ft	STLSEA	82608	0.865	j	7.48	<1.19	u	<1.19	u	<1.19	u	<1.19	u	<1.19	u	1.19	u	<1.19	u	<1.19	u	NS	NS	<2.38	u	<1.19	u	
B-69	9/17/2003	20.5 ft	STLSEA	82608	<1.67	u	8.39	<1.67	u	<1.67	u	<1.67	u	<1.67	u	<1.67	u	1.67	u	<1.67	u	<1.67	u	NS	NS	<3.35	u	<1.67	u	
B-70	9/17/2003	2.5 ft	STLSEA	82608	<1.88	u	<1.88	u	<1.88	u	<1.88	u	<1.88	u	<1.88	u	1.88	u	<1.88	u	<1.88	u	NS	NS	<3.75	u	<1.88	u		
B-71	9/23/2003	0.5 ft	STLSEA	82608	<1.82	u	3.66	<1.82	j	<1.82	u	<1.82	u	<1.82	u	<1.82	u	1.82	bU	<1.82	u	<1.82	u	NS	NS	<3.64	u	<1.82	u	
B-71	9/23/2003	2.5 ft	STLSEA	82608	<1.71	u	1420	<1.71	u	<1.71	u	96.1	U	<1.71	u	28.9	2.85	1.71	u	119	<1.71	u	1.71	u	NS	NS	<3.42	u	<1.71	u
B-71	9/23/2003	5.5 ft	STLSEA	82608	<2.12	u	550	<2.12	u	<2.12	u	36	U	<2.12	u	21.1	j	<2.12	u	2.12	u	<2.12	u	NS	NS	<4.24	u	<2.12	u	
B-71	9/23/2003	10.5 ft	STLSEA	82608	<1.47	u	18	14.2	<1.47	u	<1.47	u	<1.47	u	<1.47	u	1.47	u	2.11	bU	<1.47	u	<1.47	u	NS	NS	<2.95	u	<1.47	u
B-71	9/23/2003	15.5 ft	STLSEA	82608	<1.98	u	46.5	28.8	<1.98	u	<1.98	u	<1.98	u	<1.98	u	1.23	j	<1.98	u	<1.98	u	NS	NS	<3.95	u	<1.98	u		
B-71	9/23/2003	20.5 ft	STLSEA	82608	<2.01	u	22.6	13	<2.01	u	<2.01	u	<2.01	u	<2.01	u	2.01	u	2.4	bU	<2.01	u	<2.01	u	NS	NS	<4.03	u	<2.01	u
B-72	9/23/2003	0.5 ft	STLSEA	82608	<1.55	u	<1.55	u	<1.55	u	<1.55	u	<1.55	u	<1.55	u	1.55	u	1.72	bU	<1.55	u	<1.55	u	NS	NS	<3.11	u	<1.55	u
B-73	9/29/2003	2.5 ft	STLSEA	82608	<5.26	u	95.9	<5.26	u	<5.26	u	<5.26	u	<5.26	u	<5.26	u	5.26	u	<5.26	u	<5.26	u	NS	NS	<10.5	u	<5.26	u	
B-74	9/18/2003	0.5 ft	STLSEA	82608	<1.81	u	14.2	133	<1.81	u	8.65	24.6	U	<1.81	u	9.04	j	<1.81	u	1.81	u	<1.81	u	NS	NS	<3.61	u	<1.81	u	
B-74	9/18/2003	2.5 ft	STLSEA	82608	<1.48	u	9.11	50.9	<1.48	u	<1.48	u	41	U	<1.48	u	13.1	j	<1.48	u	1.48	u	<1.48	u	NS	NS	<2.96	u	<1.48	u
B-74	9/18/2003	5.5 ft	STLSEA	82608	<2	u	68.8	59	<2	u	<2	u	<2	u	<2	u	<2	u	<2	u	<2	u	NS	NS	<4	u	<2	u		
B-74	9/18/2003	10.5 ft	STLSEA	82608	<2.01	u	62.9	42.2	<2.01	u	<2.01	u	<2.01	u	<2.01	u	2.01	u	4.49</											

Table 7-3
Volatile Organic Compounds Detected in Soil Samples
Hookston Station Remedial Investigation
Pleasant Hill, California

Sample Location	Date	Sample Depth	Analytical Laboratory	Analytical Method	PCE (µg/kg)	TCE (µg/kg)	C-1,2-DCE (µg/kg)	1,1-DCE (µg/kg)	VINYL CHLORIDE (µg/kg)	ACETONE (µg/kg)	BENZENE (µg/kg)	2-BUTANONE (µg/kg)	CARBON DISUL (µg/kg)	CHLOROFORM (µg/kg)	1,1-DCA (µg/kg)	T-1,2-DCE (µg/kg)	ETHYLBENZENE (µg/kg)	MC (µg/kg)	TOLUENE (µg/kg)	1,1,1-TCA (µg/kg)	1,1,2-TCA (µg/kg)	TOTAL XYLENES (µg/kg)	FREON-113 (µg/kg)	M-XYLENE (µg/kg)	O-XYLENE (µg/kg)							
		RWQCB Commercial/Industrial (±9.8 ft) ESL: RWQCB Commercial/Industrial (>9.8 ft) ESL:			250 250	460 460	190 190	1,000 1,000	19 19	240 240	44 44	3,900 3,900	- -	270 270	200 200	670 670	3,300 3,300	77 77	2,900 2,900	7,800 7,800	70 70	1,500 1,500	- -	- -	- -							
B-93	10/3/2003	15 ft	STLSEA	8260B	< 1.78	u	17.3		< 1.78	u	< 1.78	u	< 1.78	u	< 1.78	u	< 1.78	u	2.17	bU	< 1.78	u	< 1.78	u	NS	NS	< 3.56	u	< 1.78	u		
B-94	9/29/2003	2.5 ft	STLSEA	8260B	< 1.81	u	7.53		< 1.81	u	< 1.81	u	< 1.81	u	< 1.81	u	< 1.81	u	8.03	U	1.01	j	< 1.81	u	< 1.81	u	NS	NS	< 3.63	u	< 1.81	u
B-95	9/29/2003	2.5 ft	STLSEA	8260B	< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	9.6	U	1.37	j	< 1.97	u	< 1.97	u	NS	NS	< 3.94	u	< 1.97	u
B-96	9/29/2003	2.5 ft	STLSEA	8260B	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	8.62	U	< 1.87	u	< 1.87	u	< 1.87	u	NS	NS	< 3.74	u	< 1.87	u
B-97	9/16/2003	2.5 ft	STLSEA	8260B	< 1.7	u	28.4		< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	< 1.7	u	NS	NS	< 3.4	u	< 1.7	u
B-98	9/22/2003	2.5 ft	STLSEA	8260B	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	2.57	bU	< 1.7	uUJ	< 1.7	uUJ	< 1.7	uUJ	NS	NS	< 3.41	uUJ	< 1.7	uUJ
B-99	9/25/2003	2.5 ft	STLSEA	8260B	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	< 1.87	u	4.59	bU	< 1.87	u	< 1.87	u	< 1.87	u	NS	NS	< 3.73	u	< 1.87	u
B-100	9/23/2003	2.5 ft	STLSEA	8260B	< 1.97	u	165		< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	< 1.97	u	3.01	bU	< 1.97	u	< 1.97	u	< 1.97	u	NS	NS	< 3.95	u	< 1.97	u
B-101	2/11/2003	0.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-101	2/11/2003	2.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-101	2/11/2003	5.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-101	2/11/2003	10.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-101	2/11/2003	15.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-102	2/11/2003	0.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-102	2/11/2003	2.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-102	2/11/2003	5.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-102	2/11/2003	10.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-102	2/11/2003	15.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	0.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	2.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	5.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	10.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	15.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	20.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-103	2/11/2003	25.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	2.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	5.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	10.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	15.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	20.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-104	2/12/2003	25.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-105	2/12/2003	0.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-105	2/12/2003	2.5	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-105	2/12/2003	5.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-105	2/12/2003	10.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
B-105	2/12/2003	15.5 ft	STLSEA	8260B	< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		< 5		NS	NS	< 5		< 5	
MW-01	4/20/1990	11 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	23	NS	NS	< 3	u	NS	NS	NS	NS	< 3.21	u	< 1.61	u
MW-01	4/20/1990	16 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	50	NS	NS	< 3	u	NS	NS	NS	NS	< 3.01	u	< 1.5	u
MW-02	4/23/1990	6 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	11	NS	NS	< 3	u	NS	NS	NS	NS	< 3.19	u	< 1.59	u
MW-02	4/23/1990	16 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	83	NS	NS	< 3	u	NS	NS	NS	NS	< 2.16	u	< 10.8	u
MW-03	4/23/1990	11 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	54	NS	NS	< 3	u	NS	NS	NS	NS	< 3.28	u	< 1.64	u
MW-03	4/23/1990	16 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	65	NS	NS	< 3	u	NS	NS	NS	NS	< 3.23	u	< 1.61	u
MW-04	4/23/1990	16 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	35	NS	NS	< 3	u	NS	NS	NS	NS	< 3.17	u	< 1.58	u
MW-04	4/23/1990	21 ft	MTA	8020	NS	NS	NS	NS	NS	NS	< 1	u	NS	NS	NS	NS	< 1	u	NS	12	NS	NS	< 3	u	NS	NS	NS	NS	< 3.16	u	< 1.58	u
MW-05	3/6/1991	11.5 ft	CHR	8240	< 5	u	5		< 5	u	< 5	u	NS	NS	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	NS	NS	< 3.71	u	< 1.86	u
MW-06	3/6/1991	11.5 ft	CHR	8240	< 5	u	< 5	u	NS	< 5	u	< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	NS	NS	< 3.8	u	< 1.9	u
MW-06	3/6/1991	19.5 ft	CHR	8240	< 5	u	< 5	u	NS	< 5	u	< 5	u	NS	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	< 5	u	NS	NS	< 4.04	u	< 2.02	u
MW-08	9/2																															