TABLES

TABLE 1.1
Corrective Measures Study (CMS) – Remedial Goals (RGs) for Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	RG (mg/kg)	Basis (a)
Volatile Organic Compounds		
Acetone	200	Child Resident, Noncancer
Carbon tetrachloride	0.00061	Age-Adjusted Resident, Cancer
Chloroform	0.0073	Age-Adjusted Resident, Cancer
Freon 113 (Trichlorotrifluoroethane)	140	Child Resident, Noncancer
Methylene chloride (Dichloromethane)	0.046	Age Adjusted Resident, Cancer
Tetrachloroethene	0.005	Age Adjusted Resident, Cancer
1,1,1-Trichloroethane	3.6	Child Resident, Noncancer
Trichloroethene	0.019	Age Adjusted Resident, Cancer
Total Petroleum Hydrocarbons		
TPH-Diesel	5,200	Child Resident, Noncancer
TPH-Motor Oil	2,300	Child Resident, Noncancer
Semi-volatile Organic Compounds		
Hydroquinone	8.7	Age-Adjusted Resident, Cancer
Organochlorine Pesticides		
Aldrin	0.029	Age-Adjusted Resident, Cancer
Chlordane	0.44	Age-Adjusted Resident, Cancer
alpha-Chlordane	0.44	Age-Adjusted Resident, Cancer
gamma-Chlordane	0.44	Age-Adjusted Resident, Cancer
Dieldrin	0.03	Age-Adjusted Resident, Cancer
DDD	2.4	Age-Adjusted Resident, Cancer
DDE	1.7	Age-Adjusted Resident, Cancer
DDT	1.7	Age-Adjusted Resident, Cancer
Endosulfan I	370	Child Resident, Noncancer
Endrin	18	Child Resident, Noncancer
Toxaphene	0.4	Age-Adjusted Resident, Cancer
Metals		
Antimony	31	Child Resident, Noncancer
Arsenic	12 (b)	Maximum Site Background
Barium	5,400	Child Resident, Noncancer
Beryllium	150	Child Resident, Noncancer
Cadmium	77	Child Resident, Noncancer
Chromium (total)	120,000	Child Resident, Noncancer
Chromium (VI)	17	Age-Adjusted Resident, Cancer
Cobalt	900	Age-Adjusted Resident, Cancer
Copper	3,100	Child Resident, Noncancer
Iron	23,000	Child Resident, Noncancer
Lead	150 (c)	Residential Soil, CHHSL
Mercury	23	Child Resident, Noncancer
Molybdenum	390	Child Resident, Noncancer
Nickel	1,500	Child Resident, Noncancer
Vanadium	78	Child Resident, Noncancer
Zinc	23,000	Child Resident, Noncancer
Anions		
Fluoride	4,700	Child Resident, Noncancer
Nitrate	130,000	Child Resident, Noncancer

Notes:
CHHSL = California Human Health Screening Levels
CMS = Corrective Measures Study
RG = Remedial Goal
mg/kg = milligram per kilogram

(a) The remedial goal listed is either the minimum residential risk-based target concentration (RBTC) developed in the Current Conditions Report (CCR) or Site background concentration.
(b) Site background level previously agreed to with the Department of Toxic Substances Control (DTSC) – a mean arsenic concentration of 8 milligrams per kilogram (mg/kg) with a maximum concentration of 12 mg/kg.
(c) California Human Health Screening Level (CHHSL) for lead in residential soils was selected as the screening value for inorganic lead.

TABLE 3.1
Maximum Groundwater Concentrations Compared to Current Cleanup Levels
Hitachi Global Storage Technologies, Inc.
San Jose, California

VOC	Historical Maximum Concentration[a,b] (µg/L)	2006 Maximum Concentrations[a] (µg/L)				Cleanup Level[b] (µg/L)	
		Site-wide		Redevelopment Property		Site-wide	
	Site-wide	A-Aquifer	B-Aquifer	A-Aquifer	B-Aquifer	A-Aquifer[c]	B- and deeper-aquifers[d]
1,1,1-TCA	84,000	57	26	19	12	200	40
1,1-DCA	Not reported	**57**	1.9	**57**	1.9	5	--
1,1-DCE	4,100	**72**	**17**	**17**	4.4	6	6
cis-1,2-DCE	Not reported	**17**	0.47	4	ND	6	--
Benzene	Not reported	0.72	ND	0.17	ND	1	1
Chloroform	Not reported	2.6	0.4	1	ND	80[e]	--
Freon 113	40,000	490	**6,400**	170	96	1,200	120
Methylene Chloride	Not reported	2.3	0.16	0.16	0.12	40[f]	--
PCE	Not reported	**6.2**	3.7	**6.2**	3.7	5	--
TCE	800	**150**	**4.7**	**150**	0.45	5	3
Xylenes (total)	Not reported	12	ND	0.24	ND	1,750	--

Notes:
bold = concentration is above the appropriate cleanup level.
µg/L = micrograms per liter
1,1,1-TCA = 1,1,1-Trichloroethane
1,1-DCA = 1,1-Dichloroethane
1,1-DCE = 1,1-Dichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Perchloroethene
TCE = Trichloroethene
VOC = Volatile organic compound
ND = Not detected
J = Estimated concentration.
D = Compound is identified in an analysis at a secondary dilution factor.
-- = Not detected in B- and deeper zones; not a chemical of concern.

[a] Data from well RA-22 (on the Core Area) was excluded from this table because it is screened in a near-source portion of the A-aquifer that is composed of tight clay and silt that differs significantly from the aquifer zones elsewhere on-site. Original chemical concentrations at Well RA-22 were significantly higher than in other areas, and concentration have not decreased appreciably during the cleanup period.

[b] RWQCB-SF 2002.

[c] Cleanup standards for the A-zone aquifer are California Department of Health Services 2002 Maximum Contaminant Levels (MCLs), except as otherwise noted.

[d] Cleanup standards for the B- and deeper aquifer zones are performance-based standards derived from 2001 maximum concentrations in B-zone wells.

[e] USEPA 2001 MCL.

[f] California Department of Health Services 2002 Action Level.

Sources:
Regional Water Quality Control Board - San Francisco Bay Region (RWQCB-SF). 2002. *Final Site Cleanup Requirements and Rescission of Order No. 88-157 for: International Business Machines. Order No. R2-2002-0082.* July 16.

TABLE 3.2

Summary of Shallow (A-aquifer) Monitoring, Extraction, and Observation Wells on the Redevelopment Property [a]

Hitachi Global Storage Technologies, Inc.

San Jose, California

Location (Parcel Number)	Well	Type of Well	Well Completion Date	Screened Interval (feet bgs)	Current or Destroyed	Approximate Date of Destruction	Is Extraction Well Currently Extracting Shallow Groundwater?	Is well sampled for analytes and/or water level measurements?	Current Sampling Frequency	Current Analytical Method(s)
O-1	A-10	Monitoring	8/20/1979	20.0 - 40.0	Current	--	--	analytes and water level	Semiannually	8021B
	A-39	Monitoring	2/17/1983	16.5 - 34.5	Current	--	--	analytes and water level	Quarterly	8260B, 8015B
	A-41	Monitoring	2/28/1983	18.0 - 36.5	Current	--	--	analytes and water level	Quarterly	8260B, 8015B
	RA-24	Extraction	7/27/1989	17.0 - 39.0	Current	--	No [b]	analytes and water level	Quarterly	8260B, 8015B
	O-17	Observation	8/13/1982	18.5 - 38.5	Destroyed	pre 2004	--	--	--	--
	O-24	Observation	9/8/1982	19.5 - 39.5	Destroyed	pre 2004	--	--	--	--
	O-25	Observation	9/10/1982	16.5 - 41.5	Destroyed	8/30/2006	--	--	--	--
	O-30	Observation	8/19/1982	12.0 - 32.0	Destroyed	?	--	--	--	--
	O-128	Observation	9/12/1988	14.5 - 39.0	Destroyed	?	--	--	--	--
	O-130	Observation	9/21/1988	18.0 - 38.0	Destroyed	?	--	--	--	--
O-2	A-05	Monitoring	8/13/1979	18.0 - 38.0	Destroyed	8/24/2006	--	--	--	--
	A-20	Monitoring	5/11/1982	34.0 - 44.0	Current	--	--	analytes and water level	Semiannually	8021B
	A-30	Monitoring	5/27/1982	25.0 - 40.0	Current	--	--	analytes and water level	Semiannually	8021B
	A-36	Monitoring	2/15/1983	21.0 - 35.0	Destroyed	8/25/2006	--	--	--	--
	RA-02	Extraction	8/20/1982	13.5 - 48.5	Current	--	Yes	analytes and water level	Quarterly	8260B
	RA-03	Monitoring	9/28/1982	19.0 - 39.0	Destroyed	?	--	--	--	--
	RA-04	Extraction	9/28/1982	23.0 - 38.0	Destroyed	8/29/2006	--	--	--	--
	RA-06	Monitoring	10/21/1982	20.0 - 35.5	Current	--	--	analytes and water level	Semiannually	8021B
	RA-08	Extraction	11/2/1982	18.0 - 32.0	Destroyed	8/31/2006	--	--	--	--
	RA-10	Extraction	1/4/1983	18.0 - 34.0	Destroyed	8/29/2006	--	--	--	--
	RA-27	Extraction	7/28/1989	22.0 - 49.0	Current	--	Yes	analytes and water level	Quarterly	8260B
	RA-29	Extraction	7/19/1989	23.0 - 46.0	Current	--	No [b]	analytes and water level	Quarterly	8260B
	RA-30	Extraction	8/7/1989	19.0 - 42.0	Current	--	Yes	analytes and water level	Quarterly	8260B
	O-3	Observation	8/12/1982	14.5 - 34.5	Destroyed	pre 2004	--	--	--	--
	O-4	Observation	8/13/1982	16.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-5	Observation	8/13/1982	18.5 - 38.5	Destroyed	pre 2004	--	--	--	--
	O-11	Observation	8/11/1982	20.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	O-18	Observation	8/16/1982	19.5 - 39.5	Destroyed	pre 2004	--	--	--	--
	O-54	Observation	12/23/1982	16.0 - 36.0	Destroyed	pre 2004	--	--	--	--
	O-56	Observation	12/29/1982	25.0 - 40.5	Destroyed	pre 2004	--	--	--	--
	O-76	Observation	2/15/1983	25.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-132	Observation	9/23/1988	16.0 - 46.0	Destroyed	pre 2004	--	--	--	--
	O-133	Observation	9/26/1988	28.0 - 48.0	Destroyed	pre 2004	--	--	--	--
	O-134	Observation	9/28/1988	28.0 - 48.0	Destroyed	pre 2004	--	--	--	--
	O-138	Observation	11/29/1988	23.5 - 43.5	Destroyed	8/30/2006	--	--	--	--
	O-139	Observation	11/30/1988	24.0 - 44.0	Destroyed	pre 2004	--	--	--	--
	O-140	Observation	12/21/1988	28.0 - 48.0	Destroyed	10/16/2006	--	--	--	--

TABLE 3.2

Summary of Shallow (A-aquifer) Monitoring, Extraction, and Observation Wells on the Redevelopment Property [a]

Hitachi Global Storage Technologies, Inc.

San Jose, California

Location (Parcel Number)	Well	Type of Well	Well Completion Date	Screened Interval (feet bgs)	Current or Destroyed	Approximate Date of Destruction	Is Extraction Well Currently Extracting Shallow Groundwater?	Is well sampled for analytes and/or water level measurements?	Current Sampling Frequency	Current Analytical Method(s)
O-3	A-21	Monitoring	5/13/1982	25.0 - 40.0	Current	--	--	analytes and water level	Annually	8021B
	A-37	Monitoring	1/31/1983	19.0 - 36.0	Destroyed	8/25/2006	--	--	--	--
O-4	A-06	Monitoring	8/14/1979	20.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	A-15	Monitoring	8/22/1979	20.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	A-16	Monitoring	8/24/1979	20.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	A-27	Monitoring	5/21/1982	20.0 - 40.0	Destroyed	8/28/2006	--	--	--	--
	A-33	Monitoring	12/8/1982	26.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	A-34	Monitoring	12/14/1982	17.0 - 36.5	Destroyed	8/28/2006	--	--	--	--
	A-35	Monitoring	12/13/192	17.5 - 32.5	Destroyed	10/17/2006	--	--	--	--
	A-51	Monitoring	8/9/1983	15.0 - 36.0	Destroyed	8/31/2006	--	--	--	--
	O-6	Observation	9/10/1982	19.5 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-7	Observation	8/10/1982	20.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-14	Observation	8/18/1982	18.5 - 39.0	Destroyed	pre 2004	--	--	--	--
	O-15	Observation	8/23/1982	19.5 - 39.5	Destroyed	pre 2004	--	--	--	--
	O-16	Observation	8/16/1982	18.5 - 38.5	Destroyed	pre 2004	--	--	--	--
	O-22	Observation	9/22/1982	19.0 - 34.0	Destroyed	pre 2004	--	--	--	--
	O-23	Observation	8/23/1982	14.5 - 34.5	Destroyed	pre 2004	--	--	--	--
	O-67	Observation	2/3/1983	15.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-68	Observation	2/4/1983	15.0 - 30.0	Destroyed	pre 2004	--	--	--	--
	O-73	Observation	2/14/1983	25.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	O-74	Observation	2/14/1983	25.0 - 40.0	Destroyed	pre 2004	--	--	--	--
O-5	A-27	Monitoring	5/21/1982	20.0 - 40.0	Destroyed	8/28/2006	--			
	A-42	Monitoring	2/10/1984	19.5 - 38.0	Destroyed	8/28/2006	--	--	--	--
	A-47	Monitoring	8/5/1983	17.5 - 36.0	Destroyed	pre 2004	--	--	--	--
	A-50	Monitoring	8/8/1983	13.5 - 31.0	Destroyed	10/17/2006	--	--	--	--
	A-60	Monitoring	2/13/1984	17.0 - 40.0	Destroyed	pre 2004	--	--	--	--
	O-28	Observation	8/17/1982	13.5 - 33.5	Destroyed	pre 2004	--	--	--	--
	O-29	Observation	8/17/1982	12.5 - 32.5	Destroyed	pre 2004	--	--	--	--
	O-64	Observation	2/3/1983	25.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-69	Observation	2/10/1983	20.0 - 35.0	Destroyed	pre 2004	--	--	--	--
	O-89	Observation	5/10/1983	24.0 - 45.0	Destroyed	?	--	--	--	--

Notes:
8021B: Halogenated Volatile Organic Compounds
8260B: Volatile Organic Compounds
8015B: Nonhalogenated Organics [Used to monitor for Shell Sol 140 (TPH as C6 to C22)].

[a] Many of the monitoring and observation wells on the Redevelopment Property were destroyed to facilitate redevelopment activities. Wells were sampled prior to destruction.

[b] According to the 2006 Annual Report to the RWQCB (MACTEC 2007), these extraction wells did not operate from July 1 through December 31, 2006.

Reference:
MACTEC Engineering and Consulting, Inc. (MACTEC). 2007. *Annual Report to the RWQCB, Second Semiannual, July 1 through December 31, 2006, IBM, San Jose, California.* February 13.

TABLE 3.3
Maximum Concentrations Detected in A- and B-Aquifer Wells on the Redevelopment Property (2004 through 2006)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Maximum Result on Redevelopment Property in A-aquifer wells (µg/L)	Maximum Result on Redevelopment Property in B-aquifer wells (µg/L)
Volatile Organic Compounds (VOCs)		
Acetone	2.1	2.6
Benzene	0.17	ND
2-Butanone	1.7	ND
Carbon Tetrachloride	1.20	ND
Chloroethane	0.8	ND
Chloroform	1.0	ND
Dibromofluoromethane	2.8	2.4
1,1-Dichloroethane	57	1.9
1,2-Dichloroethane	0.37	0.44
1,1-Dichloroethene (Ethylene dichloride)	17	4.4
cis-1,2-Dichloroethene	4.0	ND
trans-1,2-Dichloroethene	0.30	ND
Freon 12 (Dichlordifluoromethane)	4.7	ND
Freon 113 (Trichlorotrifluoroethane)	170	96
Isopropanol	1,400	100
Methyl Chloride (Chloromethane)	2.2	ND
Methylene Chloride (Dichloromethane)	0.16	0.12
Tetrachloroethene	6.2	3.7
Toluene	0.80	0.33
1,1,1-Trichloroethane (Methyl chloroform)	19	12
1,1,2-Trichloroethane	0.26	ND
Trichloroethene	150	0.45
Vinyl Chloride	7.6	0.24
o-Xylene	0.24	ND
Total Xylenes	0.24	ND
Total Petroleum Hydrocarbons (TPH)		
TPH - Diesel	62	ND
TPH - Motor Oil	500	ND
TPH - Shell Sol 140	160	50
Metals		
Chromium	10	ND
Hexavalent Chromium	0.17	ND
Iron	36	ND

Notes:
µg/L = microgram per Liter
ND = Not detected above analytical detection limit.

Table 3.4
Soil Gas Sampling for Parcel O-1 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-1	SJ-SG-2	SJ-SG-3	SJ-SG-4	SJ-SG-5	SJ-SG-6	SJ-SG-7	SJ-SG-8	SJ-SG-9	SJ-SG-9 duplicate	SJ-SG-9 fixed-base lab	SJ-SG-10	SJ-SG-11
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24
Sampling Date	10/12/2004	10/13/2004	10/13/2004	10/13/2004	10/12/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2005	10/13/2004	10/13/2004
Volatile Organic Compounds													
Benzene	< 0.080	**0.21**	< 0.080	**0.18**	**0.28**	**0.10**	< 0.080	**0.084**	< 0.080	< 0.080	**0.019**	< 0.080	< 0.080
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0082	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080
Chloroform	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0063	< 0.080	< 0.080
1,1-Dichloroethane	**0.46**	**0.34**	**0.36**	< 0.080	**1.9**	< 0.080	< 0.080	**0.14**	< 0.080	< 0.080	< 0.0053	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0053	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**3.7**	**1.9**	**4.0**	< 0.080	**5.0**	**1.7**	**0.41**	**1.3**	< 0.080	< 0.080	**0.013**	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	**0.33**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0051	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0051	< 0.080	< 0.080
Ethylbenzene	< 0.080	**0.083**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.018**	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0073	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0064	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**4.4**	**4.0**	**4.0**	**0.80**	**4.5**	**5.2**	**11**	**2.9**	**1.3**	**1.4**	----	**0.24**	**0.12**
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.018	< 0.080	< 0.080
Tetrachloroethene	**0.41**	**0.10**	**0.30**	< 0.080	**0.35**	< 0.080	< 0.080	**0.12**	< 0.080	< 0.080	**0.015**	**0.65**	< 0.080
Toluene	**0.31**	**0.95**	**0.17**	**0.78**	**0.55**	**0.50**	< 0.080	**0.21**	**0.15**	**0.13**	**0.071**	**0.20**	**0.15**
1,1,1-Trichloroethane (Methyl chloroform)	**5.6**	**2.7**	**7.1**	**1.2**	**4.0**	**3.4**	**4.0**	**2.0**	**1.2**	**1.4**	**0.60**	**0.47**	**0.76**
Trichloroethene	**2.4**	**0.67**	**5.1**	< 0.080	**2.1**	**0.45**	**0.10**	**0.34**	< 0.080	< 0.080	< 0.0070	**0.38**	**2.7**
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0033	< 0.080	< 0.080
m,p-Xylene	**0.12**	**0.26**	< 0.080	**0.21**	**0.13**	**0.21**	**0.13**	**0.092**	< 0.080	< 0.080	**0.065**	**0.092**	< 0.080
o-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.021**	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	**10**	**100***	**42***	**53***	**26**	**8.0**	< 5.0	**13**	**40***	**70***	< 37	**6.9**	**6.3**
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.073	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.

Table 3.4
Soil Gas Sampling for Parcel O-1 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-12	SJ-SG-13	SJ-SG-14	SJ-SG-15	SJ-SG-16	SJ-SG-17	SJ-SG-18	SJ-SG-18 fixed-base lab	SJ-SG-18 duplicate	SJ-SG-19	SJ-SG-20	SJ-SG-30	SJ-SG-30 duplicate
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well A-30	Near Monitoring Well A-30
Sampling Date	10/13/2004	10/13/2004	10/13/2004	10/14/2004	10/14/2004	10/15/2004	10/15/2004	10/15/2005	10/15/2004	10/15/2004	10/15/2004	10/14/2004	10/14/2004
Volatile Organic Compounds													
Benzene	< 0.080	**0.12**	**0.081**	< 0.080	< 0.080	**0.31**	< 0.080	**0.051**	< 0.080	< 0.080	**0.089**	**0.080**	< 0.080
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0088	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0068	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**0.26**	**0.47**	**0.17**	**0.31**	**0.10**	< 0.080	< 0.080	**0.019**	< 0.080	**0.32**	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.11**	< 0.080	**0.026**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0078	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0069	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**2.0**	**1.4**	**5.6**	**1.9**	**2.0**	< 0.080	**1.8**	----	**2.8**	**0.30**	< 0.080	< 0.080	< 0.080
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.020	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	**0.12**	< 0.080	< 0.080	< 0.080	**0.14**	< 0.080	< 0.080	**0.13**	**0.10**	**0.51**	< 0.080	< 0.080	< 0.080
Toluene	**0.20**	**0.67**	**0.86**	**0.15**	**0.13**	**2.1**	**0.21**	**0.14**	**0.17**	**0.10**	**0.17**	**0.16**	**0.14**
1,1,1-Trichloroethane (Methyl chloroform)	**1.9**	**0.86**	**1.6**	**1.2**	**1.9**	< 0.080	**1.2**	**1.5**	**1.7**	**3.2**	**0.69**	< 0.080	< 0.080
Trichloroethene	**0.095**	**0.14**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0075	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0036	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.10**	**0.20**	**0.10**	< 0.080	< 0.080	**0.38**	< 0.080	**0.091**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
o-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.10**	< 0.080	**0.032**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	**180***	**16**	**27**	< 5.0	< 5.0	**16**	< 5.0	< 20	< 5.0	**5.1***	< 5.0	**61***	**67***
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.078	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.4
Soil Gas Sampling for Parcel O-1 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-30 fixed-base lab	SJ-SG-31	SJ-SG-32	SJ-SG-33	SJ-SG-41	SJ-SG-42	SJ-SG-43	SJ-SG-43 fixed-base lab	SJ-SG-44	SG-DD-01 1 Purge Vol.	SG-DD-01 3 Purge Vol.	SG-DD-01 7 Purge Vol.	SG-DD-02
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24
Sampling Date	10/14/2004	10/15/2004	10/15/2004	10/14/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	5/16/2006	5/16/2006	5/16/2006	5/16/2006
Volatile Organic Compounds													
Benzene	**0.057**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.10**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Carbon tetrachloride	< 0.0094	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0062	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.0073	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0048	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.0061	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0040	< 0.080	< 0.080	< 0.080	< 0.080	**0.43**
1,2-Dichloroethane	< 0.0061	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0040	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.0059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0039	< 0.080	< 0.080	< 0.080	< 0.080	**3.9**
cis-1,2-Dichloroethene	< 0.0059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0039	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.0059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0039	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	**0.032**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.095**	< 0.080	< 0.080	< 0.080	< 0.080	**0.086**
Freon 11 (Trichlorofluoromethane)	< 0.0084	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0056	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.0074	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0064**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	----	< 0.080	< 0.080	**0.19**	< 0.080	< 0.080	< 0.080	----	< 0.080	**0.29**	**0.30**	**0.29**	**3.8**
Methylene chloride (Dichloromethane)	< 0.021	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.010	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0088**	< 0.080	**0.77**	**0.69**	**0.76**	**0.30**
Toluene	**0.18**	**0.12**	**0.10**	**0.15**	**0.23**	**0.19**	**0.25**	**0.60**	**0.25**	**0.32**	**0.17**	**0.22**	**0.37**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.0082	< 0.080	< 0.080	< 0.080	**0.24**	**0.37**	< 0.080	**0.027**	< 0.080	**0.48**	**0.49**	**0.48**	**6.6**
Trichloroethene	**0.012**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**	< 0.080	**0.69**	**0.22**	**0.21**	**3.9**
Vinyl Chloride	< 0.0038	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0025	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.13**	< 0.080	< 0.080	< 0.080	**0.10**	**0.081**	**0.088**	**0.34**	< 0.080	**0.28**	**0.15**	**0.20**	**0.34**
o-Xylene	**0.048**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.10**	< 0.080	**0.087**	< 0.080	< 0.080	**0.099**
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	**23**	**240***	**11**	**10**	< 5.0	< 5.0	**5.7**	**22**	< 5.0	**13**	**11**	**14**	**15**
Leak Check Compound													
1,1-Difluoroethane	< 0.084	< 10	< 10	< 10	< 10	< 10	< 10	< 0.054	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.4
Soil Gas Sampling for Parcel O-1 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-DD-03	SG-DD-04	SG-DD-05
Sample Depth (feet bgs)	5	5	5
Area	Near Monitoring Well RA-24	Near Storm Drain	Near Storm Drain
Sampling Date	5/16/2006	5/16/2006	5/16/2006
Volatile Organic Compounds			
Benzene	< 0.080	**0.11**	< 0.080
Carbon tetrachloride	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	**0.61**	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**3.9**	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080
Ethylbenzene	**0.10**	**0.12**	**0.089**
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**3.6**	< 0.080	**0.13**
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080
Tetrachloroethene	**0.34**	< 0.080	< 0.080
Toluene	**0.40**	**0.50**	**0.36**
1,1,1-Trichloroethane (Methyl chloroform)	**5.1**	< 0.080	< 0.080
Trichloroethene	**1.6**	< 0.080	< 0.080
Vinyl Chloride	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.39**	**0.47**	**0.35**
o-Xylene	**0.12**	**0.17**	**0.11**
Total Petroleum Hydrocarbons			
Total Volatile Hydrocarbons (TVH)	**12**	**7.7**	**6.9**
Leak Check Compound			
1,1-Difluoroethane	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.5
Soil Gas Sampling for Parcel O-1 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-1	SJ-SG-2	SJ-SG-3	SJ-SG-3 fixed-base lab	SJ-SG-4	SJ-SG-5	SJ-SG-6	SJ-SG-7	SJ-SG-8	SJ-SG-9	SJ-SG-10	SJ-SG-11	SJ-SG-12
Sample Depth (feet bgs)	15	15	15	15	15	15	15	15	15	15	15	15	15
Area	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24
Sampling Date	10/13/2004	10/13/2004	10/13/2004	10/12/2004	10/12/2004	10/12/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004	10/13/2004
Volatile Organic Compounds													
Benzene	< 0.080	**0.082**	**0.10**	**0.032**	**0.13**	< 0.080	< 0.080	**0.093**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.0088	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	**0.11**	< 0.080	**0.11**	**0.13**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	**2.6**	**1.8**	**1.9**	**0.93**	< 0.080	**4.6**	**0.10**	**0.43**	**1.3**	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	**0.011**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**7.1**	**4.2**	**7.5**	**3.8**	**1.0**	**8.7**	**0.47**	**1.9**	**2.2**	**0.62**	< 0.080	**0.089**	**1.2**
cis-1,2-Dichloroethene	**0.58**	**0.24**	**0.44**	**0.51**	< 0.080	**1.0**	< 0.080	< 0.080	**0.16**	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	**0.050**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	**0.015**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0078	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0069	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**5.9**	**6.3**	**5.9**	----	**1.6**	**6.6**	**1.6**	**8.5**	**2.7**	**1.8**	**0.13**	**0.14**	**1.9**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	**0.77**	**0.35**	**0.45**	**0.49**	< 0.080	**0.93**	< 0.080	**0.17**	**0.20**	**0.12**	**0.75**	< 0.080	**0.38**
Toluene	**0.17**	**0.41**	**0.25**	**0.11**	**0.26**	**0.28**	**0.35**	**0.39**	**0.18**	**0.35**	**0.36**	**0.26**	**0.17**
1,1,1-Trichloroethane (Methyl chloroform)	**9.0**	**5.8**	**12**	**5.4**	**3.5**	**7.5**	**0.82**	**4.1**	**2.3**	**2.2**	**0.31**	**0.95**	**2.8**
Trichloroethene	**4.6**	**2.3**	**10**	**7.5**	**0.43**	**4.9**	**0.16**	**0.68**	**0.82**	< 0.080	**2.2**	**6.1**	**0.84**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	**0.017**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	< 0.080	**0.14**	< 0.080	**0.056**	**0.091**	**0.095**	**0.12**	**0.13**	< 0.080	**0.13**	**0.13**	**0.10**	**0.086**
o-Xylene	< 0.080	< 0.080	< 0.080	**0.019**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	**47***	**61***	**32***	**34**	**21***	**22**	< 5.0	**8.9**	**6.6**	**28***	**11**	**11**	**31***
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	< 10	< 0.075	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by USEPA Method TO-14.
bgs = below ground surface
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.5
Soil Gas Sampling for Parcel O-1 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-13	SJ-SG-14	SJ-SG-15	SJ-SG-15 fixed-base lab	SJ-SG-16	SJ-SG-17	SJ-SG-18	SJ-SG-19	SJ-SG-20	SJ-SG-30	SJ-SG-31	SJ-SG-32	SJ-SG-33
Sample Depth (feet bgs)	15	15	15	15	15	15	15	15	15	15	15	15	15
Area	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30
Sampling Date	10/13/2004	10/13/2004	10/14/2004	10/14/2004	10/14/2004	10/15/2004	10/15/2004	10/15/2004	10/15/2004	10/14/2004	10/15/2004	10/15/2004	10/14/2004
Volatile Organic Compounds													
Benzene	< 0.080	< 0.080	< 0.080	**0.061**	< 0.080	**0.086**	< 0.080	< 0.080	< 0.080	**0.13**	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.010	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080	**0.038**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	**2.4**	< 0.080	**1.4**	**0.073**	**0.086**	< 0.080	**0.14**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.0065	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**5.9**	**1.1**	**3.3**	**0.17**	**1.2**	< 0.080	**1.4**	**0.28**	**0.15**	< 0.080	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	**0.53**	< 0.080	**0.43**	**0.37**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	**0.028**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	**0.061**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0090	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0079	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**8.5**	**8.5**	**5.1**	----	**3.2**	< 0.080	**2.5**	**0.10**	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.023	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	**0.26**	**0.18**	**0.22**	**0.38**	**0.51**	< 0.080	**0.32**	**0.24**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	**0.26**	**0.41**	**0.17**	**0.18**	**0.15**	**0.67**	**0.21**	**0.38**	**0.28**	**0.54**	**0.21**	**0.23**	**0.32**
1,1,1-Trichloroethane (Methyl chloroform)	**5.7**	**2.7**	**4.1**	**0.25**	**4.1**	< 0.080	**2.8**	**1.8**	**0.80**	< 0.080	< 0.080	< 0.080	< 0.080
Trichloroethene	**1.8**	**0.42**	**1.4**	**0.11**	**0.43**	< 0.080	**0.18**	< 0.080	< 0.080	< 0.080	< 0.080	**0.16**	**0.16**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.0041	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.11**	**0.11**	< 0.080	**0.23**	< 0.080	**0.16**	< 0.080	**0.14**	**0.10**	**0.15**	**0.082**	**0.086**	**0.11**
o-Xylene	< 0.080	< 0.080	< 0.080	**0.091**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	**14***	**17**	**10***	< 22	**5.9**	**5.7**	**5.3**	**11**	< 5.0	**16***	**150***	**23***	**6.9**
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	< 10	< 0.086	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by USEPA Method TO-14.
bgs = below ground surface
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.5
Soil Gas Sampling for Parcel O-1 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-33 fixed-base lab	SJ-SG-41	SJ-SG-42	SJ-SG-43	SJ-SG-44	SJ-SG-44 duplicate	SG-DD-01	SG-DD-01 fixed-base lab	SG-DD-02	SG-DD-02 duplicate	SG-DD-03	SG-DD-04	SG-DD-05
Sample Depth (feet bgs)	15	15	15	15	15	15	10	10	10	10	10	10	10
Area	Near Monitoring Well A-30	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Monitoring Well RA-24	Near Storm Drain	Near Storm Drain
Sampling Date	10/15/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	5/16/2006	5/16/2006	5/16/2006	5/16/2006	5/16/2006	5/16/2006	5/16/2006
Volatile Organic Compounds													
Benzene	**0.061**	**0.11**	< 0.080	**0.14**	< 0.080	< 0.080	< 0.080	< 0.011	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	< 0.013	----	----	----	----	----
Carbon tetrachloride	< 0.0094	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.021	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0090	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.0073	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.017	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.0061	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.014	**0.65**	**0.66**	**1.2**	< 0.080	< 0.080
1,2-Dichloroethane	< 0.0061	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.0059	< 0.080	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.013	**3.9**	**3.9**	**4.7**	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.0059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.013	**0.094**	**0.096**	**0.19**	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.0059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	**0.024**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.056**	**0.089**	**0.080**	**0.098**	**0.097**	**0.081**
Freon 11 (Trichlorofluoromethane)	< 0.0084	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.039	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.0074	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.017	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.28**	**0.31**	**3.6**	**3.8**	**4.3**	< 0.080	**0.21**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	< 0.098	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	< 0.0070	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.021	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.049	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.010	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.64**	**1.5**	**0.32**	**0.32**	**0.43**	< 0.080	< 0.080
Toluene	**0.11**	**0.56**	**0.37**	**0.73**	**0.18**	**0.18**	**0.28**	**0.17**	**0.40**	**0.36**	**0.37**	**0.40**	**0.34**
1,1,1-Trichloroethane (Methyl chloroform)	**0.022**	**0.13**	**0.15**	**0.14**	< 0.080	< 0.080	**0.34**	**0.49**	**5.8**	**5.7**	**5.5**	< 0.080	< 0.080
Trichloroethene	**0.16**	< 0.080	< 0.080	**0.15**	< 0.080	< 0.080	**0.59**	**0.86**	**4.3**	**4.1**	**2.0**	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	**0.98**	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	**0.022**	----	----	----	----	----
Vinyl Chloride	< 0.0038	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0087	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.087**	**0.17**	**0.13**	**0.19**	< 0.080	< 0.080	**0.24**	**0.26**	**0.33**	**0.33**	**0.39**	**0.39**	**0.35**
o-Xylene	**0.031**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.091**	**0.10**	**0.10**	**0.12**	**0.13**	**0.11**
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	< 21	**6.9**	< 5.0	**9.4**	< 5.0	< 5.0	**13**	----	**40**	**43**	**120**	**6.1**	**6.2**
Leak Check Compound													
1,1-Difluoroethane	< 0.081	< 10	< 10	< 10	< 10	< 10	< 10	< 0.037	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.

Table 3.6
Soil Sampling for Parcel O-1
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	TO-11-N-1	TO-11-N-1	TO-11-N-1 duplicate	TO-11-N-2	TO-11-N-2	OldWell-S1	1-1	1-2	1-3	1-4	1-5
Sample Depth (feet bgs)	10	15	15	10	15	15	0	0	0	0	0
Area	Former UST at Building 011	Former UST at Building 011	Former UST at Building 011	Former UST at Building 011	Former UST at Building 011	Previously Unknown Well	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)
Sampling Date	11/10/2006	11/10/2006	11/10/2006	11/10/2006	11/10/2006	1/25/2007	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004
Volatile Organic Compounds											
Acetone	----	----	----	----	----	< 0.050	----	----	----	----	----
Chloroform	----	----	----	----	----	< 0.0050	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	< 0.0050	----	----	----	----	----
Trichloroethene	----	----	----	----	----	< 0.0050	----	----	----	----	----
Total Petroleum Hydrocarbons											
TPH-Diesel	< 1.0	< 0.99	< 1.0	< 1.0	< 1.0	< 0.99	----	----	----	----	----
TPH-Motor Oil	< 50	< 50	< 50	< 50	< 50	< 50	----	----	----	----	----
Organochlorine Pesticides											
Chlordane (Technical)	----	----	----	----	----	----	< 0.050	< 0.25	< 0.25	< 0.25	< 0.25
alpha-Chlordane	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
gamma-Chlordane	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Dieldrin	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	**0.010**	< 0.010
DDD	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
DDE	----	----	----	----	----	----	**0.0060**	**0.030**	**0.070**	**0.058**	**0.081**
DDT	----	----	----	----	----	----	**0.0055**	**0.011**	**0.031**	**0.021**	**0.020**
Endosulfan I	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Endrin	----	----	----	----	----	----	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Toxaphene	----	----	----	----	----	----	< 0.035	< 0.18	< 0.18	< 0.18	< 0.18
Metals											
Antimony	----	----	----	----	----	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Arsenic	----	----	----	----	----	**6.4**	**6.8**	**7.5**	**7.1**	**6.9**	**6.3**
Barium	----	----	----	----	----	**150**	**150**	**140**	**150**	**150**	**150**
Beryllium	----	----	----	----	----	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	----	----	----	----	----	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (total)	----	----	----	----	----	**44**	**110**	**45**	**45**	**41**	**40**
Cobalt	----	----	----	----	----	**12**	**16**	**12**	**12**	**11**	**12**
Copper	----	----	----	----	----	**27**	**32**	**49**	**68**	**59**	**67**
Lead	----	----	----	----	----	**8.2**	**14**	**24**	**28**	**16**	**18**
Mercury	----	----	----	----	----	**0.067**	**0.24**	**0.069**	**0.11**	**0.066**	**0.069**
Molybdenum	----	----	----	----	----	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Nickel	----	----	----	----	----	**73**	**160**	**79**	**76**	**77**	**74**
Silver	----	----	----	----	----	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium	----	----	----	----	----	**31**	**31**	**31**	**33**	**31**	**30**
Zinc	----	----	----	----	----	**52**	**56**	**61**	**72**	**56**	**62**
Soil Properties											
pH	----	----	----	----	----	**7.36**	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.6
Soil Sampling for Parcel O-1
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-12 duplicate	1-13	1-14	1-15
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0	0
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)
Sampling Date	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004
Volatile Organic Compounds											
Acetone	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons											
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides											
Chlordane (Technical)	< 0.25	< 0.25	< 0.050	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**0.33**	< 0.10
alpha-Chlordane	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	**0.039**	< 0.10
gamma-Chlordane	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	**0.032**	< 0.10
Dieldrin	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	**0.0045**	< 0.010
DDD	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.10
DDE	**0.063**	**0.065**	**0.032**	**0.054**	**0.16**	**0.077**	**0.055**	**0.053**	**0.049**	**0.015**	**1.3**
DDT	**0.024**	**0.024**	**0.014**	**0.015**	**0.037**	**0.020**	**0.013**	**0.011**	**0.023**	**0.012**	**0.36**
Endosulfan I	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.10
Endrin	< 0.010	< 0.010	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	**0.16**
Toxaphene	< 0.18	< 0.18	< 0.035	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	**0.43**	< 0.18
Metals											
Antimony	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Arsenic	**7.1**	**10**	**4.5**	**7.5**	**9.0**	**7.1**	**7.8**	**7.0**	**6.5**	**6.1**	**6.4**
Barium	**150**	**170**	**120**	**150**	**170**	**170**	**170**	**170**	**190**	**120**	**190**
Beryllium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (total)	**43**	**46**	**35**	**43**	**45**	**44**	**45**	**42**	**48**	**97**	**45**
Cobalt	**12**	**13**	**9.4**	**12**	**12**	**12**	**13**	**12**	**13**	**14**	**12**
Copper	**78**	**61**	**51**	**56**	**71**	**73**	**35**	**33**	**36**	**33**	**33**
Lead	**16**	**28**	**16**	**13**	**25**	**21**	**24**	**22**	**9.0**	**15**	**8.6**
Mercury	**0.072**	**0.078**	**0.098**	**0.077**	**0.090**	**0.11**	**0.12**	**0.071**	< 0.050	**0.063**	< 0.050
Molybdenum	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Nickel	**75**	**77**	**62**	**79**	**75**	**74**	**73**	**72**	**78**	**160**	**74**
Silver	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium	**31**	**35**	**27**	**33**	**34**	**34**	**36**	**33**	**36**	**32**	**35**
Zinc	**65**	**66**	**56**	**63**	**72**	**67**	**66**	**65**	**62**	**62**	**57**
Soil Properties											
pH	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.6
Soil Sampling for Parcel O-1
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	1-15	1-15A	1-15A	1-15B	1-15B	1-15C	1-15C	1-15D	1-15D	1-16	B03
Sample Depth (feet bgs)	2.5	0	2.5	0	2.5	0	2.5	0	2.5	0	0
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Former Orchard Areas
Sampling Date	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/12/2004	10/13/2005
Volatile Organic Compounds											
Acetone	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons											
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides											
Chlordane (Technical)	< 0.050	< 0.050	< 0.050	< 2.5	< 0.050	< 0.050	< 0.050	< 0.50	< 0.050	< 0.25	< 0.049
alpha-Chlordane	< 0.0020	< 0.0020	< 0.0020	< 0.10	< 0.0020	< 0.020	< 0.0020	**0.028**	< 0.0020	< 0.010	< 0.0020
gamma-Chlordane	< 0.0020	< 0.0020	< 0.0020	< 0.10	< 0.0020	< 0.020	< 0.0020	**0.029**	< 0.0020	< 0.010	< 0.0020
Dieldrin	< 0.0020	< 0.0020	< 0.0020	< 0.10	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020
DDD	< 0.0020	**0.0048**	< 0.0020	< 0.10	< 0.0020	**0.025**	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020
DDE	< 0.0020	**0.056**	< 0.0020	**1.3**	**0.002**	**0.19**	< 0.0020	**0.47**	**0.0051**	**0.038**	< 0.0020
DDT	< 0.0020	**0.014**	< 0.0020	**0.67**	< 0.0020	**0.028**	< 0.0020	**0.25**	**0.0029**	**0.21**	< 0.0020
Endosulfan I	< 0.0020	< 0.0020	< 0.0020	< 0.10	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020
Endrin	< 0.0020	< 0.0020	< 0.0020	< 0.10	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020
Toxaphene	< 0.10	< 0.10	< 0.10	< 5.0	< 0.10	< 1.0	< 0.10	< 1.0	< 0.10	< 0.18	< 0.099
Metals											
Antimony	----	----	----	----	----	----	----	----	----	< 2.0	----
Arsenic	----	----	----	----	----	----	----	----	----	**7.3**	**7.6**
Barium	----	----	----	----	----	----	----	----	----	**170**	----
Beryllium	----	----	----	----	----	----	----	----	----	< 0.50	----
Cadmium	----	----	----	----	----	----	----	----	----	< 0.50	----
Chromium (total)	----	----	----	----	----	----	----	----	----	**45**	----
Cobalt	----	----	----	----	----	----	----	----	----	**12**	----
Copper	----	----	----	----	----	----	----	----	----	**32**	----
Lead	----	----	----	----	----	----	----	----	----	**20**	----
Mercury	----	----	----	----	----	----	----	----	----	**0.071**	----
Molybdenum	----	----	----	----	----	----	----	----	----	< 1.0	----
Nickel	----	----	----	----	----	----	----	----	----	**70**	----
Silver	----	----	----	----	----	----	----	----	----	< 1.0	----
Vanadium	----	----	----	----	----	----	----	----	----	**34**	----
Zinc	----	----	----	----	----	----	----	----	----	**60**	----
Soil Properties											
pH	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.6
Soil Sampling for Parcel O-1
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B68	B69	B70	B71	B72	B73	B74	B75	B76
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0
Area	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/17/2005	10/17/2005	10/17/2005
Volatile Organic Compounds									
Acetone	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons									
TPH-Diesel	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides									
Chlordane (Technical)	< 0.050	< 0.25	< 0.050	< 0.25					
alpha-Chlordane	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
gamma-Chlordane	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
Dieldrin	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
DDD	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
DDE	< 0.0020	< 0.0099	< 0.0020	**0.050**	< 0.0020	< 0.010	< 0.0099	< 0.020	**0.071**
DDT	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	**0.013**
Endosulfan I	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
Endrin	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0020	< 0.010	< 0.0099	< 0.020	< 0.0099
Toxaphene	< 0.10	< 0.50	< 0.10	< 0.50	< 0.10	< 0.50	< 0.50	< 1.0	< 0.50
Metals									
Antimony	----	----	----	----					
Arsenic	**6.8**	**5.9**	**7.0**	**5.9**	**4.0**	**4.0**	**6.4**	**11**	**6.7**
Barium	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----
Soil Properties									
pH	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

TABLE 3.7
Historical Soil Analytical Data for Parcel O-1
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TCA (mg/kg)
O-1	010	Old Septic Tank	570-01-0001	1.0	7/26/1990	ML	<0.005
O-1	010		570-01-0001	7.0	7/26/1990	ML	**0.007**
O-1	010		570-01-0001	13.0	7/26/1990	ML	**0.008**
O-1	010		570-01-0001	19.0	7/26/1990	ML	<0.005
O-1	010		570-01-0001	25.0	7/26/1990	ML	<0.005
O-1	010		570-01-0001	31.0	7/26/1990	SM	<0.005
O-1	010		570-01-0001	37.0	7/26/1990	SM	<0.005
O-1	010		570-01-0002	1.0	7/26/1990	ML	<0.005
O-1	010		570-01-0002	7.0	7/26/1990	ML	**0.006**
O-1	010		570-01-0002	13.0	7/26/1990	ML	<0.005
O-1	010		570-01-0002	19.0	7/26/1990	ML	<0.005
O-1	010		570-01-0002	25.0	7/26/1990	SM	<0.005
O-1	010		570-01-0002	31.0	7/26/1990	SM	<0.005

Notes:

This table includes only constituents that were detected at least once in historical soil samples collected on Parcel O-1.
If a constituent was analyzed for, but never detected, it is not included on this table.
A blank space indicates that the chemical was not analyzed for in that sample.
< indicates that the constituent was analyzed for, but not detected above the detection limit
mg/kg = milligrams per kilogram
ML = Sandy Silt
SM = Silty Sand
TCA = 1,1,1-Trichloroethane

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-21 1 Purge Vol.	SJ-SG-21 3 Purge Vol.	SJ-SG-21 7 Purge Vol.	SJ-SG-21	SJ-SG-21 fixed-base lab	SJ-SG-22	SJ-SG-22	SJ-SG-23	SJ-SG-23	SJ-SG-24	SJ-SG-25	SJ-SG-26	SJ-SG-27	SJ-SG-27 fixed-base lab
Sample Depth (feet bgs)	3	3	3	5	5	3	5	3	5	5	5	5	5	5
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30
Sampling Date	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/14/2004	10/14/2004	10/14/2004
Volatile Organic Compounds														
Benzene	**0.12**	< 0.080	< 0.080	**0.082**	**0.035**	**0.18**	**0.23**	< 0.080	< 0.080	< 0.080	< 0.080	**0.084**	**0.084**	0.044
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0088	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.011
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0068	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0083
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0069
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0069
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.55**	< 0.080	< 0.0067
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0067
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0067
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	**0.026**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.039**
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0078	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0095
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0069	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0084
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.24**	**0.22**	----
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.024
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0095	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.012
Toluene	**0.84**	**0.45**	**0.24**	**0.30**	**0.29**	**0.37**	**0.60**	**0.15**	**0.25**	**0.19**	**0.13**	**0.36**	**0.26**	**0.28**
1,1,1-Trichloroethane (Methyl chloroform)	**0.31**	**0.31**	**0.28**	**0.42**	**0.26**	< 0.080	< 0.080	**0.19**	**1.0**	**1.9**	**0.27**	**0.70**	< 0.080	0.0093
Trichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0075	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**5.1**	**0.19**	0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0036	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0043
m,p-Xylene	**0.30**	**0.17**	< 0.080	**0.13**	**0.082**	**0.16**	**0.19**	< 0.080	**0.087**	**0.095**	< 0.080	**0.20**	**0.11**	**0.16**
o-Xylene	**0.086**	< 0.080	**0.094**	< 0.080	**0.025**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.052**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	**6.8**	< 5.0	< 5.0	< 5.0	< 19	**570***	**370***	**360***	**460***	**12***	**6.0***	**11**	**63***	< 23
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 0.073	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.092

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-28	SJ-SG-29	SJ-SG-34	SJ-SG-35	SG-26-1 1 Purge Vol.	SG-26-1 3 Purge Vol.	SG-26-1 7 Purge Vol.	SG-26-2	SG-26-3	SG-26-3 fixed-base lab	SG-26-4	SG-26-5	SG-26-5 fixed-base lab	SG-26-6
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	4	5
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30
Sampling Date	10/14/2004	10/14/2004	10/15/2004	10/15/2004	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006
Volatile Organic Compounds														
Benzene	< 0.080	< 0.080	< 0.080	< 0.080	**0.095**	< 0.080	< 0.080	< 0.080	< 0.080	**0.061**	**0.13**	< 0.080	**0.051**	**0.084**
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	< 0.034	----	----	< 0.029	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.055	< 0.080	< 0.080	< 0.047	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.023	< 0.080	< 0.080	< 0.020	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.043	< 0.080	< 0.080	< 0.037	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.053**	< 0.080	**0.19**	**0.27**	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.036	< 0.080	< 0.080	< 0.030	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.47**	**0.59**	< 0.080	**1.9**	**2.29**	**3.4**
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.16**	**0.30**	< 0.080	**0.25**	**0.44**	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	**0.26**	----	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**	**0.090**	**0.10**	**0.12**	**0.098**	**0.11**	**0.11**	< 0.080	**0.078**	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.10	< 0.080	< 0.080	< 0.084	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.043	< 0.080	< 0.080	< 0.037	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.080	< 0.080	**0.16**	**0.15**	**0.15**	**0.38**	**0.29**	**0.35**	**0.24**	**0.24**	**0.30**	**0.17**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	< 0.24	----	----	< 0.21	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	< 0.018	----	----	< 0.015	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.12	< 0.080	< 0.080	< 0.10	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.060	< 0.080	< 0.080	< 0.051	< 0.080
Toluene	**0.20**	**0.18**	**0.16**	< 0.080	**0.58**	**0.38**	**0.38**	**0.46**	**0.44**	**0.37**	**0.41**	**0.28**	**0.25**	**0.36**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	**0.18**	**0.19**	**0.22**	< 0.080	< 0.080	< 0.080	**0.18**	< 0.080	< 0.048	**0.55**	**0.28**	**0.40**	**2.7**
Trichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**7.1**	**12**	**0.80**	**13**	**27**	**13**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	**0.20**	----	----	**0.14**	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	**0.044**	----	----	< 0.037	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.022	< 0.080	< 0.080	< 0.019	< 0.080
m,p-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	**0.45**	**0.37**	**0.43**	**0.47**	**0.38**	**0.56**	**0.43**	**0.21**	**0.39**	**0.30**
o-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	**0.15**	**0.11**	**0.14**	**0.15**	**0.12**	**0.19**	**0.13**	< 0.080	**0.14**	**0.090**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	**69***	**12***	< 5.0	**11***	**36**	**19**	**14**	**18**	**21**	----	**8.5**	**23**	----	**26**
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.095	< 10	< 10	< 0.081	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-26-7	SG-26-8	SG-TR-1 fixed-base lab	SG-TR-2 1 Purge Vol.	SG-TR-2 3 Purge Vol.	SG-TR-2 7 Purge Vol.	SG-TR-3	SG-TR-4	SG-TR-5	SG-TR-5 duplicate	SG-TR-6	SG-TR-7	SG-TR-8	B026-A1 fixed-base lab
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near Building 026
Sampling Date	5/15/2006	5/16/2006	11/17/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/17/2005	11/8/2006
Volatile Organic Compounds														
Benzene	< 0.080	< 0.080	**0.017**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**	**0.096**	< 0.080	< 0.080	**0.15**	**0.033**
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.0026
Carbon tetrachloride	< 0.080	< 0.080	< 0.0047	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0042
Chloroethane	< 0.080	< 0.080	< 0.0020	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0017
Chloroform	< 0.080	< 0.080	**0.0083**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0032
1,1-Dichloroethane	< 0.080	**0.14**	**0.013**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0027
1,2-Dichloroethane	< 0.080	< 0.080	< 0.003	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0027
1,1-Dichloroethene (Ethylene dichloride)	**0.29**	**5.0**	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0026
cis-1,2-Dichloroethene	< 0.080	**0.087**	**0.0034**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0026
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.003	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----
Ethylbenzene	< 0.080	< 0.080	**0.0089**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**	**0.025**
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.0084	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.059**
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	**0.0045**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0033
Freon 113 (Trichlorotrifluoroethane)	< 0.080	**0.29**	**0.016**	**27**	**27**	**28**	**8.8**	**18**	**9.2**	**9.9**	**1.0**	< 0.080	**2.1**	**3.1**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.018
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.0014
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.010	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.046
Tetrachloroethene	< 0.080	< 0.080	< 0.0051	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0045
Toluene	**0.30**	**0.14**	**0.048**	**0.24**	**0.20**	**0.19**	**0.19**	**0.22**	**0.29**	**0.25**	**0.24**	**0.18**	**0.76**	**0.11**
1,1,1-Trichloroethane (Methyl chloroform)	**0.21**	**2.0**	**0.19**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**
Trichloroethene	**3.2**	**21**	**0.029**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0035
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	**0.036**
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	**0.0095**
Vinyl Chloride	< 0.080	< 0.080	< 0.0019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.0017
m,p-Xylene	**0.27**	**0.12**	**0.031**	**0.24**	**0.23**	**0.24**	**0.22**	**0.24**	**0.31**	**0.31**	**0.28**	**0.22**	**0.49**	**0.11**
o-Xylene	**0.081**	< 0.080	**0.011**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.093**	**0.089**	< 0.080	< 0.080	**0.14**	**0.037**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	**10**	**37**	----	< 5.0	< 5.0	< 5.0	**15**	**16**	**25**	**26**	**9.4**	< 5.0	**50**	----
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	< 0.040	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.0072

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B026-A2 fixed-base lab	B026-A3 fixed-base lab	B026-A4 fixed-base lab	B026-A5 fixed-base lab	B026-A6 fixed-base lab	B026-A7 fixed-base lab	B026-B1 fixed-base lab	B026-B2 fixed-base lab	B026-B3 fixed-base lab	B026-B4 fixed-base lab	B026-B4 duplicate fixed-base lab	B026-B5 fixed-base lab	B026-B6 fixed-base lab	B026-B7 fixed-base lab
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026
Sampling Date	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006
Volatile Organic Compounds														
Benzene	**0.035**	**0.068**	**0.072**	**0.0052**	**0.013**	**0.030**	**0.073**	**0.078**	**0.036**	**0.034**	**0.036**	**0.028**	**0.18**	**0.047**
Bromomethane (Methyl bromide)	< 0.0027	< 0.0028	< 0.0027	< 0.0029	< 0.0029	< 0.0032	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0027	< 0.0029	< 0.0028	< 0.0029
Carbon tetrachloride	< 0.0043	< 0.0046	< 0.0044	< 0.0047	< 0.0047	**0.0055**	< 0.0047	< 0.0047	< 0.0047	< 0.0047	< 0.0044	< 0.0047	< 0.0046	< 0.0046
Chloroethane	< 0.0018	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0022	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0018	< 0.0020	< 0.0019	**0.0028**
Chloroform	< 0.0034	< 0.0036	< 0.0034	< 0.0036	< 0.0036	< 0.0041	< 0.0036	< 0.0037	< 0.0037	< 0.0037	< 0.0034	**0.0045**	< 0.0036	< 0.0036
1,1-Dichloroethane	< 0.0028	**0.0066**	< 0.0029	< 0.003	< 0.003	< 0.0034	< 0.003	< 0.0031	< 0.003	**0.0075**	**0.012**	< 0.003	**0.014**	**0.0071**
1,2-Dichloroethane	< 0.0028	< 0.003	< 0.0029	< 0.003	< 0.003	< 0.0034	< 0.003	< 0.0031	< 0.003	< 0.003	< 0.0028	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene (Ethylene dichloride)	< 0.0027	< 0.0029	< 0.0028	< 0.003	< 0.003	**0.0067**	< 0.0029	< 0.003	< 0.003	< 0.003	< 0.0028	< 0.003	< 0.0029	< 0.0029
cis-1,2-Dichloroethene	< 0.0027	< 0.0029	< 0.0028	< 0.003	< 0.003	< 0.0033	< 0.0029	< 0.003	< 0.003	**0.0039**	**0.0051**	< 0.003	< 0.0029	< 0.0029
trans-1,2-Dichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Ethylbenzene	**0.031**	**0.023**	**0.035**	**0.022**	**0.029**	**0.024**	**0.049**	**0.021**	**0.038**	**0.014**	**0.013**	**0.046**	**0.020**	**0.037**
Freon 11 (Trichlorofluoromethane)	**0.12**	**1.9**	**1.3**	**0.050**	**0.18**	**120**	< 0.0083	< 0.0085	< 0.0084	**41**	**52**	**0.016**	**0.020**	< 0.0083
Freon 12 (Dichlorodifluoromethane)	< 0.0034	< 0.0036	< 0.0035	< 0.0037	< 0.0037	**0.0069**	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0034	< 0.0037	< 0.0036	< 0.0036
Freon 113 (Trichlorotrifluoroethane)	**1.4**	**0.31**	**0.36**	**39**	**0.030**	**1.7**	**0.50**	**0.049**	**0.038**	**3.9**	**3.5**	**5.6**	**0.10**	**0.026**
Freon 114 (Dichlorotetrafluoroethane)	< 0.019	< 0.020	< 0.020	< 0.021	< 0.021	< 0.023	< 0.021	< 0.021	< 0.021	< 0.021	< 0.019	< 0.021	< 0.020	< 0.021
Methyl chloride (Chloromethane)	**0.0019**	< 0.0015	< 0.0015	< 0.0015	**0.0025**	< 0.0017	**0.0018**	< 0.0016	**0.0017**	< 0.0015	< 0.0014	< 0.0015	< 0.0015	**0.0016**
Methylene chloride (Dichloromethane)	**0.049**	< 0.051	**0.049**	< 0.052	< 0.052	< 0.058	< 0.051	< 0.052	< 0.052	< 0.052	< 0.048	< 0.052	< 0.051	< 0.051
Tetrachloroethene	< 0.0047	< 0.0050	< 0.0048	< 0.0051	< 0.0051	< 0.0056	< 0.0050	< 0.0051	< 0.0051	< 0.0051	**0.0067**	**0.012**	< 0.0050	< 0.0050
Toluene	**0.14**	**0.14**	**0.18**	**0.089**	**0.15**	**0.11**	**0.23**	**0.10**	**0.18**	**0.067**	**0.062**	**0.22**	**0.13**	**0.19**
1,1,1-Trichloroethane (Methyl chloroform)	**0.0081**	**0.060**	**0.022**	**0.047**	< 0.0041	**0.011**	**0.0064**	< 0.0041	**0.14**	**0.038**	**0.058**	**0.033**	**0.023**	**0.13**
Trichloroethene	< 0.0037	**0.36**	**0.14**	< 0.0040	< 0.0040	< 0.0045	< 0.0040	< 0.0041	**0.040**	**0.20**	**0.22**	**0.021**	**0.0083**	< 0.0039
1,2,4-Trimethylbenzene	**0.039**	**0.026**	**0.038**	**0.029**	**0.031**	**0.024**	**0.052**	**0.026**	**0.042**	**0.017**	**0.018**	**0.038**	**0.026**	**0.041**
1,3,5-Trimethylbenzene	**0.010**	**0.0075**	**0.011**	**0.0077**	**0.0081**	**0.0067**	**0.013**	**0.0070**	**0.012**	**0.0050**	**0.0067**	**0.011**	**0.0071**	**0.011**
Vinyl Chloride	< 0.0018	< 0.0019	< 0.0018	< 0.0019	< 0.0019	< 0.0021	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0018	< 0.0019	< 0.0019	< 0.0019
m,p-Xylene	**0.13**	**0.097**	**0.15**	**0.097**	**0.12**	**0.096**	**0.20**	**0.087**	**0.15**	**0.055**	**0.051**	**0.18**	**0.083**	**0.14**
o-Xylene	**0.044**	**0.033**	**0.046**	**0.033**	**0.037**	**0.033**	**0.063**	**0.030**	**0.050**	**0.020**	**0.021**	**0.057**	**0.028**	**0.049**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound														
1,1-Difluoroethane	**7.3**	< 0.0079	**0.17**	**0.19**	**1.6**	< 0.0090	**0.071**	**0.20**	**0.90**	**0.22**	**1.1**	**0.12**	**0.013**	**1.0**

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B026-C1	B026-C2	B026-C3	B026-C4	B026-C5	B026-C6	B026-C7	B026-D1	B026-D2	B026-D3	B026-D4	B026-D5	B026-D6	B026-D7
	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab	fixed-base lab
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026	Near Building 026
Sampling Date	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/8/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006
Volatile Organic Compounds														
Benzene	**0.075**	**0.032**	**0.94**	**0.0061**	**0.059**	**0.039**	**0.11**	**0.027**	**0.036**	**0.089**	**0.083**	**0.057**	**0.082**	**0.093**
Bromomethane (Methyl bromide)	< 0.003	< 0.0028	< 0.033	< 0.0028	< 0.0028	< 0.0029	< 0.003	< 0.0027	< 0.012	**0.0035**	< 0.015	< 0.027	< 0.027	< 0.039
Carbon tetrachloride	< 0.0049	< 0.0046	< 0.054	< 0.0046	< 0.0046	< 0.0046	< 0.0048	< 0.0044	< 0.020	< 0.0046	< 0.025	< 0.044	< 0.044	< 0.064
Chloroethane	< 0.0020	< 0.0019	< 0.023	< 0.0019	**0.0050**	**0.013**	**0.020**	< 0.0019	< 0.0083	< 0.0019	< 0.010	< 0.019	**0.041**	< 0.027
Chloroform	< 0.0038	< 0.0036	< 0.042	< 0.0035	< 0.0035	**0.0042**	< 0.0038	< 0.0034	< 0.015	< 0.0036	< 0.019	< 0.034	< 0.034	< 0.049
1,1-Dichloroethane	< 0.0031	< 0.003	< 0.035	< 0.0029	**0.059**	**0.050**	**0.026**	< 0.0029	< 0.013	**0.0085**	< 0.016	**0.034**	**0.079**	< 0.041
1,2-Dichloroethane	< 0.0031	< 0.003	< 0.035	< 0.0029	< 0.0029	< 0.003	< 0.0031	< 0.0029	< 0.013	< 0.003	< 0.016	< 0.029	< 0.028	< 0.041
1,1-Dichloroethene (Ethylene dichloride)	< 0.0031	< 0.0029	< 0.034	< 0.0029	**0.0053**	**0.0091**	**0.0070**	< 0.0028	< 0.013	< 0.0029	< 0.016	< 0.028	< 0.028	< 0.040
cis-1,2-Dichloroethene	< 0.0031	< 0.0029	< 0.034	< 0.0029	< 0.0029	< 0.0029	< 0.0031	< 0.0028	< 0.013	< 0.0029	< 0.016	< 0.028	< 0.028	< 0.040
trans-1,2-Dichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Ethylbenzene	**0.019**	**0.038**	**0.21**	**0.015**	**0.018**	**0.029**	**0.018**	**0.035**	**0.023**	**0.057**	**0.11**	< 0.031	< 0.030	< 0.044
Freon 11 (Trichlorofluoromethane)	**0.018**	< 0.0082	< 0.096	< 0.0081	**0.12**	< 0.0083	< 0.0087	< 0.0079	**0.056**	**0.11**	**0.17**	< 0.079	< 0.079	< 0.11
Freon 12 (Dichlorodifluoromethane)	< 0.0038	< 0.0036	< 0.042	< 0.0036	< 0.0036	**0.0068**	< 0.0038	< 0.0035	< 0.016	< 0.0036	< 0.020	< 0.035	< 0.035	< 0.050
Freon 113 (Trichlorotrifluoroethane)	**0.062**	**0.055**	**46**	< 0.011	**2.0**	**0.23**	< 0.012	**0.18**	**0.96**	**7.2**	**15**	**100**	**55**	**120**
Freon 114 (Dichlorotetrafluoroethane)	< 0.022	< 0.020	< 0.24	< 0.020	< 0.020	< 0.021	< 0.022	< 0.020	< 0.088	< 0.021	< 0.11	< 0.20	< 0.20	< 0.28
Methyl chloride (Chloromethane)	**0.0023**	**0.0016**	< 0.018	< 0.0015	< 0.0015	< 0.0015	**0.0029**	**0.0020**	< 0.0065	< 0.0015	< 0.0082	< 0.015	< 0.014	< 0.021
Methylene chloride (Dichloromethane)	< 0.054	< 0.051	< 0.59	< 0.050	< 0.050	< 0.051	< 0.054	< 0.049	< 0.22	< 0.051	< 0.28	< 0.49	< 0.49	< 0.70
Tetrachloroethene	< 0.0053	< 0.0050	< 0.058	< 0.0049	**0.0087**	< 0.0050	< 0.0052	< 0.0048	< 0.021	< 0.0050	**0.078**	< 0.048	< 0.047	< 0.069
Toluene	**0.094**	**0.19**	**1.1**	**0.097**	**0.084**	**0.15**	**0.11**	**0.18**	**0.14**	**0.25**	**0.59**	**0.12**	**0.10**	**0.34**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.0042	**0.0067**	< 0.047	< 0.0040	**0.65**	**0.20**	**0.62**	< 0.0038	< 0.017	**0.15**	**0.56**	< 0.038	**0.18**	< 0.055
Trichloroethene	< 0.0042	**0.0083**	< 0.046	< 0.0039	**0.53**	**0.037**	< 0.0041	< 0.0038	< 0.017	**0.017**	**0.33**	< 0.038	< 0.038	< 0.054
1,2,4-Trimethylbenzene	**0.026**	**0.035**	**0.29**	**0.014**	**0.021**	**0.030**	**0.025**	**0.042**	< 0.031	**0.033**	**0.045**	< 0.069	< 0.069	< 0.099
1,3,5-Trimethylbenzene	**0.0071**	**0.0095**	**0.077**	**0.0041**	**0.0063**	**0.0085**	**0.0071**	**0.011**	< 0.016	**0.0096**	**0.025**	< 0.035	< 0.034	< 0.050
Vinyl Chloride	< 0.0020	< 0.0019	< 0.022	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0018	< 0.0081	< 0.0019	< 0.010	< 0.018	< 0.018	< 0.026
m,p-Xylene	**0.082**	**0.15**	**0.90**	**0.066**	**0.074**	**0.12**	**0.074**	**0.14**	**0.11**	**0.20**	**0.37**	**0.10**	**0.081**	**0.17**
o-Xylene	**0.028**	**0.047**	**0.30**	**0.019**	**0.026**	**0.037**	**0.026**	**0.044**	**0.035**	**0.061**	**0.13**	**0.034**	< 0.030	**0.052**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound														
1,1-Difluoroethane	**0.013**	**1.1**	< 0.093	**0.22**	< 0.0076	**1.0**	**4.1**	**1.2**	< 0.034	< 0.0080	**3.7**	< 0.077	< 0.076	**0.33**

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.8
Soil Gas Sampling Results for Parcel O-2 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	WV02-A fixed-base lab	WV02-B fixed-base lab	WV02-C fixed-base lab	WV02-C duplicate fixed-base lab	WV02-D fixed-base lab	B026-CLARIFIER- fixed-base lab
Sample Depth (feet bgs)	5	5	5	5	5	5
Area	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Former Clarifier - Building 026
Sampling Date	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/10/2006
Volatile Organic Compounds						
Benzene	**0.015**	**0.010**	**0.012**	**0.0085**	**0.038**	**0.013** †
Bromomethane (Methyl bromide)	< 0.0029	< 0.0029	< 0.0028	< 0.003	< 0.0029	< 0.003 †
Carbon tetrachloride	< 0.0046	< 0.0046	< 0.0045	< 0.0048	< 0.0047	< 0.0048†
Chloroethane	< 0.0019	< 0.0019	< 0.0019	< 0.0020	< 0.0020	< 0.0020†
Chloroform	**0.0039**	< 0.0036	< 0.0035	< 0.0037	< 0.0037	< 0.0037†
1,1-Dichloroethane	< 0.003	< 0.003	< 0.0029	< 0.0031	**0.0083**	< 0.0031 †
1,2-Dichloroethane	< 0.003	< 0.003	< 0.0029	< 0.0031	< 0.0031	< 0.0031 †
1,1-Dichloroethene (Ethylene dichloride)	< 0.0029	< 0.0029	< 0.0028	< 0.003	< 0.003	< 0.003 †
cis-1,2-Dichloroethene	< 0.0029	< 0.0029	< 0.0028	< 0.003	< 0.003	< 0.003 †
trans-1,2-Dichloroethene	----	----	----	----	----	----
Ethylbenzene	**0.048**	**0.017**	**0.032**	**0.020**	**0.0095**	**0.039** †
Freon 11 (Trichlorofluoromethane)	**0.12**	**0.010**	**0.11**	**0.070**	**0.014**	**0.013** †
Freon 12 (Dichlorodifluoromethane)	< 0.0036	< 0.0036	< 0.0035	< 0.0038	< 0.0037	**0.0039** †
Freon 113 (Trichlorotrifluoroethane)	**31**	**58**	**9.8**	**4.3**	**12**	**28** †
Freon 114 (Dichlorotetrafluoroethane)	< 0.021	< 0.021	< 0.020	< 0.021	< 0.021	< 0.021 †
Methyl chloride (Chloromethane)	< 0.0015	< 0.0015	< 0.0015	< 0.0016	< 0.0016	**0.0024** †
Methylene chloride (Dichloromethane)	< 0.051	< 0.051	< 0.050	< 0.053	< 0.052	< 0.053 †
Tetrachloroethene	**0.035**	**0.079**	**0.021**	**0.011**	< 0.0051	< 0.0052 †
Toluene	**0.21**	**0.075**	**0.14**	**0.097**	**0.044**	**0.15** †
1,1,1-Trichloroethane (Methyl chloroform)	**0.38**	**0.59**	**0.075**	**0.042**	< 0.0041	**0.050** †
Trichloroethene	**0.23**	**0.046**	< 0.0038	< 0.0041	< 0.0041	< 0.0041 †
1,2,4-Trimethylbenzene	**0.059**	**0.019**	**0.033**	**0.017**	**0.0091**	**0.049** †
1,3,5-Trimethylbenzene	**0.019**	**0.0051**	**0.0096**	**0.0051**	< 0.0037	**0.011** †
Vinyl Chloride	< 0.0019	< 0.0019	< 0.0018	< 0.0019	< 0.0019	< 0.0020 †
m,p-Xylene	**0.19**	**0.069**	**0.13**	**0.083**	**0.036**	**0.16** †
o-Xylene	**0.072**	**0.023**	**0.041**	**0.025**	**0.015**	**0.051** †
Total Petroleum Hydrocarbons						
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----
Leak Check Compound						
1,1-Difluoroethane	**0.46**	< 0.0080	< 0.0078	**3.0**	**4.4**	**27 E**

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.
† = Invalid data due to leak check compound over 10 mg/m^3
E = concentration exceeds calibration range

Table 3.9
Soil Gas Sampling Results for Parcel O-2 (10 and 15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SJ-SG-21	SJ-SG-22	SJ-SG-23	SJ-SG-24	SJ-SG-25	SJ-SG-25 duplicate	SJ-SG-26	SJ-SG-27	SJ-SG-28	SJ-SG-29	SJ-SG-34	SJ-SG-35	SG-26-1	SG-26-2
Sample Depth (feet bgs)	15	15	15	15	15	15	11	12	15	15	15	15	12	9
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30
Sampling Date	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/14/2004	10/14/2004	10/14/2004	10/14/2004	10/15/2004	10/15/2004	5/15/2006	5/15/2006
Volatile Organic Compounds														
Benzene	**0.47**	**0.27**	**0.19**	**0.12**	**0.19**	**0.21**	< 0.080	**0.12**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**0.19**	< 0.080	**0.20**	**0.27**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.16**	< 0.080	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	**0.20**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.092**	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.093**	< 0.080	< 0.080	< 0.080	< 0.080	**0.23**	**0.33**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	**2.3**	**1.1**	**0.59**	**0.21**	**0.71**	**0.84**	**0.17**	**0.55**	**0.29**	**0.18**	**0.22**	**0.26**	**0.35**	**0.29**
1,1,1-Trichloroethane (Methyl chloroform)	**0.63**	< 0.080	**1.4**	**2.2**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.23**	**0.16**	< 0.080	**0.089**	**0.17**
Trichloroethene	**0.56**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.66**	< 0.080	< 0.080	**0.17**	**0.53**	< 0.080	**0.36**	**0.32**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.76**	**0.29**	**0.17**	**0.092**	**0.18**	**0.21**	< 0.080	**0.16**	**0.081**	**0.087**	< 0.080	< 0.080	**0.38**	**0.27**
o-Xylene	**0.18**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**	**0.080**
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	**27**	**100***	**310***	**15***	**14**	**13**	< 5.0	**12**	**89***	**13***	**5.2**	< 5.0	**7.6**	**6.7**
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.9
Soil Gas Sampling Results for Parcel O-2 (10 and 15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-26-3	SG-26-3 duplicate	SG-26-4	SG-26-5	SG-26-6	SG-26-7	SG-26-8	SG-TR-1	SG-TR-1 fixed-base lab	SG-TR-2	SG-TR-3	SG-TR-4	SG-TR-5	SG-TR-6	SG-TR-7	SG-TR-8	B026-CLARIFIER-A fixed-base lab
Sample Depth (feet bgs)	9	9	10	12	13	11	15	10	10	10	10	10	10	10	10	10	10
Area	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near Monitoring Well A-30	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near Building 026
Sampling Date	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/15/2006	5/16/2006	11/17/2005	11/21/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/16/2005	11/17/2005	11/10/2006
Volatile Organic Compounds																	
Benzene	**0.10**	**0.12**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0069**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.025**
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.0031
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0046	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0050
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0021
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.024**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0039
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.15**	**0.15**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0032
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0029	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0032
1,1-Dichloroethene (Ethylene dichloride)	**0.17**	**0.15**	**0.12**	**1.2**	**5.9**	**5.1**	**1.6**	**0.69**	**0.58**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0032
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.13**	**0.13**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0032
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0053**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----
Ethylbenzene	**0.12**	**0.11**	< 0.080	**0.095**	**0.082**	**0.10**	< 0.080	< 0.080	**0.032**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.063**
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0081	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0067**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0040
Freon 113 (Trichlorotrifluoroethane)	**0.18**	**0.16**	**0.13**	**0.22**	**0.22**	**0.24**	< 0.080	< 0.080	**0.048**	**31**	**10**	**15**	**10**	**43**	**0.71**	**6.9**	**45**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.022
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 0.0017
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.056
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0069**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**
Toluene	**0.46**	**0.42**	**0.18**	**0.40**	**0.30**	**0.41**	**0.35**	**0.13**	**0.080**	**0.24**	**0.23**	**0.18**	**0.15**	**0.18**	**0.13**	**0.33**	**0.21**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	**0.24**	**0.46**	**2.7**	**2.8**	**0.74**	**0.65**	**0.57**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.081**
Trichloroethene	**5.8**	**5.2**	**2.0**	**16**	**20**	**24**	**11**	**0.24**	**0.30**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0043**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	**0.085**
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	**0.020**
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0020
m,p-Xylene	**0.46**	**0.41**	**0.15**	**0.39**	**0.31**	**0.40**	**0.22**	**0.18**	**0.13**	**0.24**	**0.21**	**0.18**	**0.15**	**0.19**	**0.12**	**0.30**	**0.24**
o-Xylene	**0.15**	**0.14**	< 0.080	**0.12**	**0.10**	**0.12**	< 0.080	< 0.080	**0.039**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.092**	**0.083**
Total Petroleum Hydrocarbons																	
Total Volatile Hydrocarbons (TVH)	**23**	**19**	**8.5**	**31**	**36**	**42**	**22**	< 5.0	----	**7.5**	**13**	**12**	**6.4**	**5.5**	**5.3**	**14**	----
Leak Check Compound																	
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.039	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.0087

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

TABLE 3.10
Historical Soil Analytical Data for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TCE (mg/kg)	Arsenic (mg/kg)	Total Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Iron (mg/kg)	Fluoride (mg/kg)	Nitrate (mg/kg)	Chloride (mg/kg)	pH
O-2	010	Diesel Fuel UST Removal	311-01-010E	9.5	4/22/1983	NA											
O-2	010		311-01-010W	9.5	4/22/1983	NA											
O-2	012	Building 012 1985 Addition	012-01	2.5	9/12/1985	NA	<0.001										
O-2	012		012-01	8.5	9/12/1985	NA	<0.001										
O-2	012		012-01	15.5	9/12/1985	NA	<0.001										
O-2	012		012-02	6.0	9/12/1985	NA	<0.001										
O-2	012		012-02	12.0	9/12/1985	NA	<0.001										
O-2	012		012-02	19.0	9/12/1985	NA	<0.001										
O-2	012		012-03	1.5	9/12/1985	NA	<0.001										
O-2	012		012-03	14.0	9/12/1985	NA	<0.001										
O-2	012		012-03	21.0	9/12/1985	NA	<0.001										
O-2	012		012-04	3.5	9/12/1985	NA	<0.001										
O-2	012		012-04	10.0	9/12/1985	NA	<0.001										
O-2	012		012-04	19.5	9/12/1985	NA	<0.001										
O-2	012		012-05	5.0	9/12/1985	NA	<0.001										
O-2	012		012-05	11.0	9/12/1985	NA	<0.001										
O-2	012		012-05	17.0	9/12/1985	NA	<0.001										
O-2	012		012-06	4.0	9/12/1985	NA	<0.001										
O-2	012		012-06	7.5	9/12/1985	NA	<0.001										
O-2	012		012-06	18.0	9/12/1985	NA	<0.001										
O-2	026	HF Acid Release	111-01-001D	0.0	2/21/1984	NA								**38**	**5,600**		**3.2**
O-2	026		111-01-001D	1.0	2/21/1984	NA								**10**	**1,200**		**6.3**
O-2	026		111-01-001D	2.0	2/21/1984	NA								**0.9**	**6**		**8.0**
O-2	026		111-01-001H	0.0	2/21/1984	NA								**19**	**8,500**		**2.8**
O-2	026		111-01-002H	0.0	2/21/1984	NA								**5.5**	**86**		**9.0**
O-2	026	Chemical Penetrating Laboratory Floor	172-01-0001	0.0	9/28/1984	GC			**44**	**32**				**0.3**			**7.2**
O-2	026		172-01-0001	0.7	9/28/1984	GC			**50**	**32**				**0.3**			**7.2**
O-2	026		172-01-0002	0.0	9/28/1984	GC			**44**	**66**				**0.3**			**7.0**
O-2	026		172-01-0003	0.0	9/28/1984	SP			**120**	**37**				**0.4**			**9.3**
O-2	026		172-01-0003	0.7	9/28/1984	SP			**6.0**	**4.2**				**0.3**			**7.2**
O-2	026		172-01-0004	0.0	9/28/1984	SP			**67**	**53**				**0.3**			**7.2**
O-2	026		172-01-0004	1.0	9/28/1984	GC			**67**	**79**				**0.3**			**7.2**
O-2	026	Liquid Seepage in Room 400	406-01-0001	0.3	2/19/1987	CCRT	<0.001		**2**	**34**	**100**						**13**
O-2	026		406-01-0001	0.5	2/19/1987	FILL	<0.001		**42**	**38**	**110**			<2			**8.2**
O-2	026		406-01-0001	2.5	2/19/1987	FILL	<0.001		**56**	**61**	**83**			<2			**8.0**
O-2	026		406-01-0002	0.3	2/19/1987	CCRT	<0.001		**4**	**24**	**84**						**12**
O-2	026		406-01-0002	0.5	2/19/1987	FILL	<0.001		**18**	**38**	**130**			<2			**7.5**
O-2	026		406-01-0002	2.5	2/19/1987	FILL	<0.001		**40**	**45**	**64**			<2			**7.5**
O-2	026		406-01-0003	0.3	2/19/1987	CCRT	<0.001		**2**	**5.0**	**78**						**12**
O-2	026		406-01-0003	0.5	2/19/1987	FILL	<0.001		**31**	**15**	**46**			<2	**13**		**7.4**
O-2	026		406-01-0003	2.5	2/19/1987	FILL	<0.001		**34**	**68**	**100**			<2	**3.0**		**7.3**
O-2	026		406-01-0004	0.3	2/19/1987	CCRT	<0.001		**1**	**6.0**	**92**						**12**
O-2	026		406-01-0004	0.5	2/19/1987	FILL	<0.001		**40**	**39**	**76**			<2	**17**		**8.1**
O-2	026		406-01-0004	2.5	2/19/1987	FILL	<0.001		**39**	**30**	**55**			<2	**3.0**		**7.6**
O-2	026		406-01-0005	0.3	2/19/1987	CCRT	<0.001		**31**	**140**	**46**						**13**
O-2	026		406-01-0005	0.5	2/19/1987	FILL	**0.004**		**60**	**46**	**110**			<2	**13**		**8.2**
O-2	026		406-01-0005	2.5	2/19/1997	FILL	<0.001		**31**	**17**	**36**			<2	<5		**8.1**
O-2	026		406-01-0006	0.3	2/19/1987	CCRT	<0.001		**12**	**60**	**74**						**13**
O-2	026		406-01-0006	0.5	2/19/1987	FILL	**0.007**		**50**	**23**	**110**			<2	**20**		**8.3**
O-2	026		406-01-0006	2.5	2/19/1987	FILL	<0.001		**25**	**22**	**74**			<2	<5		**8.0**
O-2	026		406-01-0007	0.3	2/19/1987	CCRT	<0.001		**5**	**71**	**17**						**13**

TABLE 3.10
Historical Soil Analytical Data for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TCE (mg/kg)	Arsenic (mg/kg)	Total Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Iron (mg/kg)	Fluoride (mg/kg)	Nitrate (mg/kg)	Chloride (mg/kg)	pH
O-2	026	Liquid Seepage in Room 400 continued	406-01-0007	0.5	2/19/1987	FILL	<0.001		20	32	94			<2	16		8.3
O-2	026		406-01-0007	2.5	2/19/1987	FILL	<0.001		38	23	100				4.0		8.0
O-2	026		406-01-0008	0.3	2/19/1997	CCRT	<0.001		2	5.0	18						12
O-2	026		406-01-0008	0.5	2/19/1987	FILL	0.006		34	48	110			<2	15		7.7
O-2	026		406-01-0008	2.5	2/19/1987	FILL	<0.001		38	14	39			<2	<5		8.1
O-2	026	Trenches and Sumps in Rooms 113C and 114A	406-02-0009	1.5	3/17/1987	CCRT	<0.01		8		10	14	62,000	<5	<5	<5	11.6
O-2	026		406-02-0009	2.0	3/17/1987	FILL	<0.01		60		18	25	53,000	<5	<5	<5	8.7
O-2	026		406-02-0009	3.5	3/17/1987	FILL	<0.01		48		23	23	52,000	<5	<5	<5	8.9
O-2	026		406-02-0010	1.5	3/17/1987	CCRT	<0.01		2		2	10	65,000	<5	<5	<5	11.5
O-2	026		406-02-0010	2.0	3/17/1987	FILL	<0.01		47		14	49	55,000	<5	<5	<5	8.7
O-2	026		406-02-0010	3.5	3/17/1987	FILL	<0.01		54		16	23	110,000	<5	<5	<5	8.4
O-2	026		406-02-0011	1.4	3/17/1987	CCRT	<0.01		2		2	12	46,000	<5	<5	<5	11.7
O-2	026		406-02-0011	5.9	4/1/1987	ML	<0.01		39		90	26	12,000	<5	<5	25	8.0
O-2	026		406-02-0011	6.9	4/1/1987	ML	<0.01		45		160	55	12,000	<5	<5	28	7.7
O-2	026		406-02-0012	5.1	4/1/1987	CCRT	<0.01							<5	<5	100	11.4
O-2	026		406-02-0012	5.4	4/1/1987	ML	<0.01		39		150	22	12,000	<5	<5	14	7.8
O-2	026		406-02-0012	6.8	4/1/1987	ML	<0.01		33		170	54	14,000	<5	<5	13	7.7
O-2	026		406-02-0013	2.2	4/1/1987	CCRT	<0.01							<5	<5	210	11.4
O-2	026		406-02-0013	2.7	4/1/1987	ML	<0.01		31		160	30	7,100	<5	<5	<10	8.0
O-2	026		406-02-0013	3.4	4/1/1987	SP	<0.01		66		130	59	7,300	<5	<5	<10	8.2
O-2	026		406-02-0014	1.6	4/1/1987	CCRT	<0.01							<5	<5	170	11.5
O-2	026		406-02-0014	2.1	4/1/1987	FILL	<0.01		59		85	28	9,200	<5	<5	<10	8.3
O-2	026		406-02-0014	3.3	4/1/1987	FILL	<0.01		39		130	24	7,300	<5	<5	10	8.2
O-2	026		406-02-0015[b]	1.0	5/11/1987	FILL			85		24	33	28,000			<10	7.8
O-2	026	Investigation of Soil Conditions Beneath Building 026, including Chemical Storage Room	414-01-0001	0.5	7/8/1987	FILL								<10	30	<10	8.9
O-2	026		414-01-0002	0.5	7/8/1987	FILL								<10	60	<10	8.3
O-2	026		414-01-0003	0.5	7/8/1987	FILL								<10		<10	8.0
O-2	026		414-01-0004	0.8	7/8/1987	FILL								<10		<10	8.7
O-2	026		414-01-0005	0.5	7/8/1987	FILL								<10		<10	8.3
O-2	026		414-01-0006	0.5	7/9/1987	FILL								<10		<10	8.7
O-2	026		414-01-0007	0.5	7/9/1987	FILL								<10			8.3
O-2	026		414-01-0008	0.5	7/9/1987	FILL	0.014		240	15	270	95					8.5
O-2	026		414-01-0008	4.0	7/9/1987	FILL	0.20[a]										
O-2	026		414-01-0009	0.5	7/8/1987	FILL	0.05		46	10	110	45					8.3
O-2	026		414-01-0009	3.0	7/9/1987	FILL	<0.01[a]										
O-2	026		414-01-0010	0.5	7/9/1987	FILL								<10			8.4
O-2	026		414-01-0011	0.5	7/10/1987	FILL								<10			8.6
O-2	026		414-01-0012	0.5	7/10/1987	FILL		4.5								<10	8.8
O-2	026		414-01-0013	0.5	7/10/1987	FILL											8.7
O-2	026		414-01-0014	0.5	7/10/1987	FILL									<10		9.0
O-2	026		414-01-0015	0.8	7/10/1987	FILL											8.3
O-2	026		414-01-0016	0.5	7/13/1987	FILL								<10	110		7.6
O-2	026		414-01-0017	0.5	7/13/1987	FILL								<10	140		7.4
O-2	026		414-01-0018	0.5	7/15/1987	FILL						50					9.0
O-2	026		414-01-0019	0.5	7/15/1987	FILL											8.8
O-2	026		414-01-0020	0.5	7/15/1987	FILL	<0.01	3.3	55	22	29	50		<10	<10	<10	8.3
O-2	026		414-01-0021	1.5	9/4/1987	FILL	<0.01										8.3
O-2	026		414-01-0023	2.5	9/4/1987	FILL	<0.01										7.8
O-2	026		414-01-0024	0.5	10/12/1987	FILL	0.10										9.6
O-2	026		414-01-0024	2.7	10/12/1987	FILL	<0.005										8.2
O-2	026		414-01-0025	0.5	10/12/1987	FILL	0.12										9.0
O-2	026		414-01-0025	3.5	10/12/1987	FILL	0.008										8.0
O-2	026		414-01-0026	5.5	10/12/1987	FILL	0.23										8.3

TABLE 3.10
Historical Soil Analytical Data for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TCE (mg/kg)	Arsenic (mg/kg)	Total Chromium (mg/kg)	Copper (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Iron (mg/kg)	Fluoride (mg/kg)	Nitrate (mg/kg)	Chloride (mg/kg)	pH
O-2	026	Sump in Photo Lab (Room 808u)	527-01-0001	1.0	6/23/1989	FILL	<0.002										
O-2	026		527-01-0001	2.5	6/23/1989	FILL	<0.002										
O-2	026		527-01-0001	3.5	6/23/1989	FILL	<0.002										
O-2	026		527-01-0002	4.7	6/30/1989	CL	<0.002										
O-2	026		527-01-0002	5.2	6/30/1989	CL	<0.002										
O-2	026		527-01-0003	2.5	6/23/1989	FILL	<0.002										
O-2	026		527-01-0003	3.0	6/23/1989	FILL	<0.002										
O-2	026		527-01-0003	4.0	6/23/1989	FILL	<0.002										
O-2	026		527-01-0003	4.5	6/23/1989	FILL	<0.002										
O-2	026		527-01-0003	6.0	6/23/1989	CL	<0.002										
O-2	026	Staining Near Drains in Photo Processing Room 149	500-01-0001	1.1	12/20/1988	FILL											**7.1**
O-2	026		500-01-0002	1.1	12/20/1988	FILL											**7.1**
O-2	026		500-01-0003	1.1	12/20/1988	FILL											**7.2**
O-2	026	Sump in Photo Lab (Room 305u)	504-01-0001	1.0	3/7/1989	FILL											**7.1**
O-2	026		504-01-0001	2.8	3/7/1989	FILL											**7.0**
O-2	026		504-01-0002	1.5	3/7/1989	FILL											**7.1**
O-2	026		504-01-0002	2.3	3/7/1989	FILL											**7.0**
O-2	026		504-01-0003	4.0	4/6/1989	FILL											**6.6**

Notes:
This table includes only chemicals that were detected at least once in historical soil samples collected on Parcel O-2.
If a chemical was analyzed for, but never detected, it is not included on this table.
A blank space indicates that the chemical was not analyzed for in that sample.
< indicates that the chemical was analyzed for, but not detected above the detection limit
mg/kg = milligram per kilogram
CCRT = concrete
CL = clay
GC = clayey gravel
ML = silt
NA = not available
SM = silty sand
SP = poorly-graded sand
TCE = Trichloroethene

[a] Sample was analyzed after holding time had been exceeded.
[b] Sample was collected for the purpose of obtaining background concentrations

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B010-B1	B010-B1	B010-B1	B010-B1	B010-B2	B010-B2	B010-B2	B010-B2	B010-B3	B010-B3 duplicate
Sample Depth (feet bgs)	6	10	15	20	5	10	15	20	5	9
Area	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010
Sampling Date	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006
Volatile Organic Compounds										
Acetone	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons										
TPH-Diesel	< 0.99	< 0.99	< 0.99	< 0.99	**4.4**	< 0.98	< 0.99	< 1.0	< 0.99	< 1.0
TPH-Motor Oil	< 50	< 49	< 50	< 49	< 50	< 49	< 49	< 50	< 50	< 50
Organochlorine Pesticides										
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----
Metals										
Antimony	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----
Soil Properties										
pH	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B010-B3	B010-B3	B010-B3	B010-B4	B010-B4	B010-B4	B010-B4	TR-1	TR-2	TR-3
Sample Depth (feet bgs)	10	14	20	5	10	15	20	3.5	4	4
Area	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Emergency Generator at Building 010	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench
Sampling Date	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	11/27/2006	3/6/2007	10/11/2006	10/11/2006
Volatile Organic Compounds										
Acetone	----	----	----	----	----	----	----	< 0.049	< 0.050	< 0.049
Chloroform	----	----	----	----	----	----	----	< 0.0049	< 0.0050	< 0.0049
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	< 0.0098	< 0.010	< 0.0099
1,1,2-Trichloroethane	----	----	----	----	----	----	----	< 0.0049	< 0.0050	< 0.0049
Trichloroethene	----	----	----	----	----	----	----	< 0.0049	< 0.0050	< 0.0049
Total Petroleum Hydrocarbons										
TPH-Diesel	< 0.99	< 1.0	< 0.99	< 0.98	< 0.98	< 0.99	< 0.99	----	----	----
TPH-Motor Oil	< 49	< 50	< 49	< 49	< 49	< 50	< 50	----	----	----
Organochlorine Pesticides										
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----
Metals										
Antimony	----	----	----	----	----	----	----	< 1.9	< 2.0	**2.4**
Arsenic	----	----	----	----	----	----	----	**6.5**	**7.9**	**6.7**
Barium	----	----	----	----	----	----	----	**160**	**150**	**160**
Beryllium	----	----	----	----	----	----	----	**0.76**	< 0.50	**0.50**
Cadmium	----	----	----	----	----	----	----	< 0.48	**0.84**	**2.3**
Chromium (total)	----	----	----	----	----	----	----	**41**	**45**	**46**
Cobalt	----	----	----	----	----	----	----	**11**	**13**	**13**
Copper	----	----	----	----	----	----	----	**29**	**34**	**35**
Lead	----	----	----	----	----	----	----	**6.6**	**7.8**	**8.2**
Mercury	----	----	----	----	----	----	----	**0.067**	< 0.049	< 0.048
Molybdenum	----	----	----	----	----	----	----	< 0.95	< 0.99	< 1.0
Nickel	----	----	----	----	----	----	----	**60**	**71**	**67**
Vanadium	----	----	----	----	----	----	----	**30**	**34**	**34**
Zinc	----	----	----	----	----	----	----	**48**	**71**	**150**
Soil Properties										
pH	----	----	----	----	----	----	----	**8.17**	**7.95**	**7.67**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	TR-4	TR-5	WV02-1	WV02-1	WV02-1	WV02-1	WV02-1	WV02-2	WV02-2	WV02-2	WV02-2
Sample Depth (feet bgs)	4	3	0	5	10	15	20	0	5	10	15
Area	Near buried concrete trench	Near buried concrete trench	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)	Near Building 026 WV-02 (original)
Sampling Date	10/11/2006	10/12/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006
Volatile Organic Compounds											
Acetone	< 0.049	< 0.050	< 0.049	< 0.050	< 0.050	< 0.049	< 0.048	< 0.049	< 0.050	< 0.050	< 0.050
Chloroform	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0050
Freon 12 (Dichlorodifluoromethane)	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0098	< 0.0096	< 0.0097	< 0.0099	< 0.010	< 0.0099
1,1,2-Trichloroethane	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0050
Trichloroethene	< 0.0049	< 0.0050	< 0.0049	< 0.0050	**0.0059**	**0.0084**	**0.012**	< 0.0049	< 0.0050	< 0.0050	< 0.0050
Total Petroleum Hydrocarbons											
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides											
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----
Metals											
Antimony	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	< 2.0	< 2.0	< 1.9
Arsenic	**6.5**	**1.5**	**5.8**	**6.4**	**7.8**	**5.8**	**5.7**	**5.7**	**7.5**	**6.6**	**7.4**
Barium	**160**	**39**	**130**	**140**	**260**	**130**	**220**	**88**	**220**	**140**	**150**
Beryllium	< 0.48	< 0.51	< 0.49	**0.54**	**0.65**	**0.51**	< 0.50	< 0.48	**0.65**	**0.51**	**0.54**
Cadmium	< 0.48	< 0.51	< 0.49	< 0.49	< 0.51	< 0.48	< 0.50	< 0.48	< 0.50	< 0.50	< 0.49
Chromium (total)	**64**	**28**	**52**	**69**	**44**	**42**	**40**	**50**	**46**	**44**	**45**
Cobalt	**14**	**3.4**	**12**	**14**	**12**	**8.3**	**11**	**8.3**	**13**	**11**	**12**
Copper	**29**	**20**	**26**	**28**	**34**	**28**	**29**	**22**	**34**	**28**	**31**
Lead	**8.7**	**7.9**	**11**	**6.9**	**7.7**	**5.8**	**5.7**	**6.5**	**8.1**	**7.3**	**6.7**
Mercury	**0.084**	< 0.050	**0.087**	**0.051**	< 0.049	**0.061**	**0.10**	**0.094**	< 0.049	**0.066**	**0.082**
Molybdenum	< 0.95	**2.0**	< 0.98	< 0.98	< 1.0	< 0.95	< 0.99	< 0.95	< 0.99	< 0.99	< 0.97
Nickel	**120**	**51**	**110**	**100**	**74**	**61**	**72**	**90**	**69**	**72**	**78**
Vanadium	**32**	**9.3**	**29**	**31**	**32**	**27**	**28**	**29**	**34**	**34**	**32**
Zinc	**74**	**99**	**51**	**52**	**56**	**50**	**48**	**42**	**55**	**49**	**52**
Soil Properties											
pH	**7.52**	**7.52**	**7.81**	**7.72**	**7.73**	**7.80**	**7.56**	**8.51**	**7.46**	**7.49**	**7.74**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	WV02-2	WV02-3	WV02-3	WV02-3	WV02-3	WV02-3	WV02-4	WV02-4	WV02-4	WV02-4	WV02-4	WV02-4-A
Sample Depth (feet bgs)	20	0	5	10	15	20	0	5	10	15	20	1
Area	Near Building 026 WV-02 (original)	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline
Sampling Date	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	11/9/2006
Volatile Organic Compounds												
Acetone	< 0.049	< 0.048	< 0.047	< 0.050	< 0.049	< 0.048	< 0.049	< 0.050	< 0.050	< 0.049	< 0.049	----
Chloroform	< 0.0049	< 0.0048	< 0.0047	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0049	----
Freon 12 (Dichlorodifluoromethane)	< 0.0097	< 0.0096	< 0.0095	< 0.0099	< 0.0097	< 0.0096	< 0.0097	< 0.010	< 0.0099	< 0.0099	< 0.0099	----
1,1,2-Trichloroethane	< 0.0049	< 0.0048	< 0.0047	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0049	----
Trichloroethene	< 0.0049	< 0.0048	< 0.0047	< 0.0050	< 0.0049	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0049	----
Total Petroleum Hydrocarbons												
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides												
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----
Metals												
Antimony	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 2.0	< 1.9	< 2.0	< 1.9	< 2.0	< 1.9	----
Arsenic	**7.3**	**6.6**	**7.7**	**7.4**	**6.8**	**4.6**	**5.3**	**8.0**	**7.7**	**7.4**	**7.4**	----
Barium	**200**	**130**	**210**	**140**	**180**	**210**	**120**	**220**	**160**	**250**	**150**	----
Beryllium	**0.55**	**0.52**	**0.69**	**0.63**	**0.57**	**0.50**	< 0.48	**0.69**	**0.67**	**0.59**	**0.60**	----
Cadmium	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.49	< 0.48	< 0.49	< 0.49	< 0.49	< 0.48	----
Chromium (total)	**40**	**59**	**47**	**45**	**42**	**50**	**40**	**47**	**43**	**40**	**46**	----
Cobalt	**13**	**13**	**14**	**12**	**10**	**7.0**	**9.0**	**14**	**13**	**11**	**13**	----
Copper	**32**	**28**	**35**	**30**	**28**	**26**	**34**	**36**	**33**	**31**	**32**	----
Lead	**6.8**	**8.6**	**8.8**	**7.1**	**6.2**	**5.6**	**5.5**	**9.9**	**7.9**	**7.1**	**7.2**	----
Mercury	**0.096**	**0.16**	**0.060**	**0.067**	**0.064**	**0.077**	**0.088**	**0.054**	**0.064**	**0.073**	**0.065**	----
Molybdenum	< 0.95	< 0.95	< 0.96	< 0.95	< 0.95	< 0.98	< 0.96	< 0.98	< 0.97	< 0.98	< 0.95	----
Nickel	**77**	**110**	**72**	**69**	**65**	**58**	**76**	**74**	**70**	**65**	**76**	----
Vanadium	**31**	**33**	**36**	**34**	**31**	**27**	**31**	**35**	**33**	**31**	**32**	----
Zinc	**50**	**48**	**58**	**50**	**49**	**46**	**41**	**62**	**56**	**53**	**55**	----
Soil Properties												
pH	**7.67**	**7.60**	**7.26**	**7.93**	**7.80**	**7.66**	**10.4**	**7.13**	**8.07**	**8.31**	**7.80**	**7.83**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	WV02-4-A	WV02-4-B	WV02-4-B	WV02-4-C	WV02-4-C	WV02-4-D	WV02-4-D	WV02-5	WV02-5	WV02-5	WV02-5	WV02-5
Sample Depth (feet bgs)	2	1	2	1	2	1	2	0	5	10	15	20
Area	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 Clay Pipeline	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)
Sampling Date	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006
Volatile Organic Compounds												
Acetone	----	----	----	----	----	----	----	< 0.048	< 0.050	< 0.049	< 0.050	< 0.050
Chloroform	----	----	----	----	----	----	----	< 0.0048	< 0.0050	< 0.0049	< 0.0050	< 0.0050
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	< 0.0096	< 0.0099	< 0.0099	< 0.0099	< 0.010
1,1,2-Trichloroethane	----	----	----	----	----	----	----	< 0.0048	< 0.0050	< 0.0049	< 0.0050	< 0.0050
Trichloroethene	----	----	----	----	----	----	----	< 0.0048	< 0.0050	< 0.0049	< 0.0050	< 0.0050
Total Petroleum Hydrocarbons												
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides												
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----
Metals												
Antimony	----	----	----	----	----	----	----	**2.5**	< 2.0	< 1.9	< 2.0	< 1.9
Arsenic	----	----	----	----	----	----	----	**8.2**	**7.9**	**7.4**	**8.3**	**7.6**
Barium	----	----	----	----	----	----	----	**200**	**180**	**220**	**210**	**160**
Beryllium	----	----	----	----	----	----	----	**0.74**	**0.65**	**0.65**	**0.73**	**0.62**
Cadmium	----	----	----	----	----	----	----	< 0.50	< 0.49	< 0.49	< 0.49	< 0.49
Chromium (total)	----	----	----	----	----	----	----	**51**	**45**	**41**	**50**	**42**
Cobalt	----	----	----	----	----	----	----	**13**	**13**	**12**	**13**	**13**
Copper	----	----	----	----	----	----	----	**36**	**34**	**31**	**36**	**34**
Lead	----	----	----	----	----	----	----	**9.2**	**14**	**7.7**	**9.4**	**8.0**
Mercury	----	----	----	----	----	----	----	< 0.049	**0.080**	**0.099**	**0.062**	**0.064**
Molybdenum	----	----	----	----	----	----	----	< 0.99	< 0.98	< 0.97	< 0.98	< 0.97
Nickel	----	----	----	----	----	----	----	**77**	**69**	**68**	**73**	**78**
Vanadium	----	----	----	----	----	----	----	**36**	**34**	**32**	**36**	**32**
Zinc	----	----	----	----	----	----	----	**58**	**61**	**52**	**59**	**55**
Soil Properties												
pH	**7.27**	**7.95**	**7.48**	**7.76**	**7.82**	**7.18**	**7.52**	**7.47**	**7.51**	**7.75**	**7.50**	**7.72**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	WV02-6	WV02-6	WV02-6	WV02-6	WV02-6	WV-15-1	026 CLARIFIER-A	026 CLARIFIER-B	026 CLARIFIER-C	026 CLARIFIER-D	026 CLARIFIER-E	026 CLARIFIER-F
Sample Depth (feet bgs)	0	5	10	15	20	0	4	4	4	4	4	4
Area	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-02 (second)	Near Building 026 WV-15	Clarifier	Clarifier	Clarifier	Clarifier	Clarifier	Clarifier
Sampling Date	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/19/2006	1/15/2007	1/15/2007	1/15/2007	1/15/2007	1/15/2007	1/15/2007
Volatile Organic Compounds												
Acetone	< 0.049	< 0.050	< 0.048	< 0.049	< 0.049	**0.093**	< 0.042	< 0.053	< 0.038	< 0.040	< 0.046	< 0.041
Chloroform	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0049	< 0.0048	< 0.0042	< 0.0053	< 0.0038	< 0.0040	< 0.0046	< 0.0041
Freon 12 (Dichlorodifluoromethane)	< 0.0098	< 0.0099	< 0.0096	< 0.0098	< 0.0099	< 0.0097	< 0.0084	< 0.011	< 0.0077	< 0.0080	< 0.0093	< 0.0083
1,1,2-Trichloroethane	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0049	< 0.0048	< 0.0042	< 0.0053	< 0.0038	< 0.0040	< 0.0046	< 0.0041
Trichloroethene	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0049	< 0.0048	< 0.0042	< 0.0053	< 0.0038	< 0.0040	< 0.0046	< 0.0041
Total Petroleum Hydrocarbons												
TPH-Diesel	----	----	----	----	----	**7.9**	**2.3**	**2.6**	**4.7**	< 0.98	**41**	**2.9**
TPH-Motor Oil	----	----	----	----	----	< 50	< 50	< 48	< 48	< 49	**79**	< 49
Organochlorine Pesticides												
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----
Metals												
Antimony	< 1.9	< 1.9	< 1.9	< 2.0	----	< 2.0	**3.4**	< 2.0	< 1.9	< 2.0	< 1.9	< 1.9
Arsenic	**4.9**	**7.2**	**8.2**	**7.4**	**7.1**	**4.9**	**1.2**	**5.8**	**5.7**	**7.2**	**3.4**	**6.0**
Barium	**100**	**180**	**270**	**160**	**140**	**150**	**22**	**130**	**130**	**180**	**75**	**210**
Beryllium	**0.50**	**0.62**	**0.61**	**0.57**	**0.54**	**0.51**	< 0.50	< 0.49	**0.49**	**0.60**	< 0.49	**0.50**
Cadmium	< 0.48	< 0.49	< 0.48	< 0.50	< 0.48	< 0.49	< 0.50	< 0.49	< 0.49	< 0.49	< 0.49	< 0.48
Chromium (total)	**42**	**41**	**39**	**44**	**45**	**52**	**380**	**74**	**50**	**45**	**25**	**42**
Cobalt	**13**	**12**	**13**	**12**	**9.1**	**12**	**57**	**13**	**11**	**13**	**6.9**	**10**
Copper	**18**	**32**	**34**	**33**	**30**	**30**	**8.1**	**25**	**25**	**31**	**25**	**27**
Lead	**8.1**	**7.4**	**8.3**	**7.3**	**6.9**	**9.3**	< 1.0	**10**	**9.2**	**8.5**	**6.6**	**8.4**
Mercury	**0.13**	< 0.050	**0.080**	**0.068**	**0.082**	**0.058**	< 0.050	**0.061**	**0.088**	**0.057**	< 0.050	**0.089**
Molybdenum	< 0.95	< 0.97	< 0.96	< 0.99	< 0.95	< 0.98	< 1.0	< 0.98	< 0.97	< 0.98	< 0.97	< 0.96
Nickel	**68**	**65**	**58**	**74**	**79**	**79**	**1100**	**110**	**86**	**67**	**43**	**58**
Vanadium	**29**	**32**	**31**	**32**	**31**	**30**	**15**	**27**	**26**	**32**	**15**	**26**
Zinc	**43**	**52**	**54**	**56**	**50**	**54**	**15**	**43**	**45**	**53**	**43**	**46**
Soil Properties												
pH	**7.98**	**7.74**	**7.81**	**7.64**	**7.88**	**7.08**	**8.35**	**8.42**	**8.31**	**8.45**	**8.37**	**8.30**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	026 CLARIFIER-G	026 CLARIFIER-H	026-400-1	026-400-A	026-400-A	026-400-B	026-400-B	026-400-C	026-400-C	026-400-D	026-400-D	B026-B1	B026-B1
Sample Depth (feet bgs)	4	9	0	1	2	1	2	1	2	1	2	0	5
Area	Clarifier	Clarifier	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Room 400	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room
Sampling Date	1/15/2007	1/15/2007	10/19/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	11/9/2006	10/17/2006	10/17/2006
Volatile Organic Compounds													
Acetone	< 0.049	< 0.043	< 0.049	----	----	----	----	----	----	----	----	< 0.048	< 0.050
Chloroform	< 0.0049	< 0.0043	< 0.0049	----	----	----	----	----	----	----	----	< 0.0048	< 0.0050
Freon 12 (Dichlorodifluoromethane)	< 0.0098	< 0.0087	< 0.0099	----	----	----	----	----	----	----	----	< 0.0096	< 0.0099
1,1,2-Trichloroethane	< 0.0049	< 0.0043	< 0.0049	----	----	----	----	----	----	----	----	< 0.0048	< 0.0050
Trichloroethene	< 0.0049	**0.0071**	< 0.0049	----	----	----	----	----	----	----	----	**0.0051**	< 0.0050
Total Petroleum Hydrocarbons													
TPH-Diesel	< 0.99	< 0.95	**8.1**	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	< 49	< 47	< 48	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals													
Antimony	< 1.9	< 1.9	< 2.0	----	----	----	----	----	----	----	----	< 2.0	< 2.0
Arsenic	**6.9**	**7.3**	**5.8**	----	----	----	----	----	----	----	----	**3.9**	**5.3**
Barium	**130**	**200**	**87**	----	----	----	----	----	----	----	----	**100**	**160**
Beryllium	**0.56**	**0.61**	< 0.51	----	----	----	----	----	----	----	----	< 0.50	< 0.51
Cadmium	< 0.48	< 0.48	< 0.51	----	----	----	----	----	----	----	----	< 0.50	< 0.51
Chromium (total)	**46**	**42**	**39**	----	----	----	----	----	----	----	----	**35**	**61**
Cobalt	**12**	**12**	**7.8**	----	----	----	----	----	----	----	----	**6.2**	**11**
Copper	**30**	**30**	**24**	----	----	----	----	----	----	----	----	**48**	**24**
Lead	**7.9**	**7.4**	**8.0**	----	----	----	----	----	----	----	----	**4.8**	**6.4**
Mercury	**0.064**	**0.061**	< 0.050	----	----	----	----	----	----	----	----	< 0.050	**0.051**
Molybdenum	< 0.96	< 0.96	< 1.0	----	----	----	----	----	----	----	----	< 0.99	< 1.0
Nickel	**67**	**66**	**66**	----	----	----	----	----	----	----	----	**51**	**110**
Vanadium	**29**	**31**	**31**	----	----	----	----	----	----	----	----	**42**	**32**
Zinc	**51**	**50**	**46**	----	----	----	----	----	----	----	----	**33**	**44**
Soil Properties													
pH	**8.33**	**9.08**	**10.3**	**7.90**	**7.46**	**8.03**	**7.44**	**8.31**	**7.96**	**8.10**	**7.29**	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B026-B1	B026-B1	B026-B1	B026-B2	B026-B2	B026-B2	B026-B2	B026-B2	B026-B3	B026-B3	B026-B3	B026-B3	B026-B3
Sample Depth (feet bgs)	10	15	20	0	5	10	15	20	0	5	10	15	20
Area	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room	Building 026 Former Chemical Storage Room
Sampling Date	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006	10/17/2006
Volatile Organic Compounds													
Acetone	< 0.050	< 0.050	< 0.049	< 0.050	< 0.049	< 0.050	< 0.049	< 0.050	< 0.049	**0.095**	< 0.050	< 0.049	< 0.050
Chloroform	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0050
Freon 12 (Dichlorodifluoromethane)	< 0.0099	< 0.0099	< 0.0098	< 0.0099	< 0.0098	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099
1,1,2-Trichloroethane	< 0.0050	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0050
Trichloroethene	< 0.0050	< 0.0050	< 0.0049	**0.0074**	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0050
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals													
Antimony	< 2.0	< 2.1	< 1.9	< 2.0	< 1.9	< 2.0	< 2.1	< 2.0	< 2.1	< 2.0	< 2.0	< 2.1	< 2.1
Arsenic	**3.7**	**6.5**	**6.6**	**5.4**	**6.1**	**5.6**	**6.3**	**7.2**	< 1.0	**4.7**	**7.9**	**6.9**	**6.3**
Barium	**59**	**120**	**120**	**99**	**150**	**150**	**100**	**120**	**6.0**	**120**	**200**	**140**	**190**
Beryllium	< 0.51	< 0.52	< 0.49	< 0.51	**0.48**	< 0.50	< 0.52	< 0.51	< 0.52	< 0.50	**0.61**	< 0.52	< 0.52
Cadmium	< 0.51	< 0.52	< 0.49	< 0.51	< 0.48	< 0.50	< 0.52	< 0.51	< 0.52	< 0.50	< 0.49	< 0.52	< 0.52
Chromium (total)	**40**	**40**	**40**	**61**	**57**	**49**	**34**	**43**	**5.6**	**41**	**43**	**38**	**44**
Cobalt	**7.4**	**11**	**12**	**9.8**	**11**	**10**	**9.8**	**13**	< 1.0	**9.5**	**12**	**11**	**9.9**
Copper	**19**	**29**	**30**	**24**	**30**	**22**	**26**	**32**	**1.8**	**23**	**33**	**28**	**30**
Lead	**3.3**	**6.8**	**6.8**	**6.1**	**14**	**4.5**	**5.9**	**6.9**	**1.8**	**6.7**	**8.0**	**6.9**	**6.2**
Mercury	< 0.052	**0.063**	**0.089**	**0.061**	**0.095**	**0.056**	**0.086**	**0.077**	< 0.050	**0.058**	**0.056**	**0.13**	**0.068**
Molybdenum	< 1.0	< 1.0	< 0.97	< 1.0	< 0.95	**1.1**	< 1.0	< 1.0	< 1.0	**1.3**	< 0.98	< 1.0	< 1.0
Nickel	**81**	**63**	**74**	**100**	**77**	**91**	**63**	**82**	**5.5**	**69**	**70**	**65**	**68**
Vanadium	**27**	**28**	**28**	**29**	**31**	**30**	**25**	**31**	**3.1**	**30**	**33**	**29**	**30**
Zinc	**36**	**50**	**50**	**42**	**53**	**42**	**44**	**53**	**6.4**	**42**	**54**	**50**	**53**
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	3-4	3-5	3-6	3-7	3-7 duplicate	B01	B02	B04	B42	B43	B44 excavated	B45	B46
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0	0	0	0
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/13/2005	10/13/2005	10/14/2005	10/12/2005	10/12/2005	10/12/2005	10/13/2005	10/13/2005
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 0.050	< 0.050	< 0.050	< 0.25	< 0.25	< 0.25	< 0.050	< 0.25	< 0.25	< 0.050	< 2.5	< 0.050	< 0.25
alpha-Chlordane	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	< 0.0020	< 0.10	< 0.0020	< 0.010
gamma-Chlordane	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	< 0.0020	< 0.10	< 0.0020	< 0.010
Dieldrin	**0.0069**	< 0.0020	**0.011**	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	**0.017**	**2.6**	< 0.0020	< 0.010
DDD	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	**0.0057**	< 0.10	< 0.0020	< 0.010
DDE	**0.016**	**0.0067**	**0.051**	**0.048**	**0.054**	**0.018**	**0.0076**	< 0.0098	**0.15**	**0.057**	**1.8**	**0.045**	**0.055**
DDT	**0.0087**	**0.0029**	**0.017**	**0.012**	**0.012**	< 0.010	< 0.0020	< 0.0098	**0.020**	**0.028**	**2.3**	**0.014**	**0.011**
Endosulfan I	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	< 0.0020	< 0.10	< 0.0020	< 0.010
Endrin	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0098	< 0.0098	< 0.0020	< 0.10	< 0.0020	< 0.010
Toxaphene	< 0.035	< 0.035	< 0.035	< 0.18	< 0.18	< 0.50	< 0.099	< 0.49	< 0.49	< 0.10	< 5.0	< 0.10	< 0.50
Metals													
Antimony	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	----	----	----	----	----	----	----	----
Arsenic	**4.7**	**3.7**	**11**	**4.3**	**6.4**	**6.4**	**8.8**	**7.5**	**8.8**	**7.4**	**6.4**	**8.0**	**7.6**
Barium	**120**	**100**	**150**	**110**	**140**	----	----	----	----	----	----	----	----
Beryllium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----	----	----	----	----	----
Cadmium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----	----	----	----	----	----
Chromium (total)	**120**	**65**	**63**	**110**	**89**	----	----	----	----	----	----	----	----
Cobalt	**25**	**12**	**15**	**18**	**13**	----	----	----	----	----	----	----	----
Copper	**25**	**26**	**31**	**24**	**30**	----	----	----	----	----	----	----	----
Lead	**8.1**	**9.8**	**11**	**6.3**	**7.9**	----	----	----	----	----	----	----	----
Mercury	**0.11**	**0.052**	**0.15**	**0.053**	**0.080**	----	----	----	----	----	----	----	----
Molybdenum	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	----	----	----	----	----	----	----	----
Nickel	**280**	**130**	**130**	**240**	**120**	----	----	----	----	----	----	----	----
Vanadium	**28**	**28**	**34**	**29**	**31**	----	----	----	----	----	----	----	----
Zinc	**44**	**52**	**58**	**44**	**50**	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B47	B48	B49	B50	B51	B52	B53	B54	B55	B56	B57	B58	B77
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0	0	0	0
Area	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/13/2005	10/11/2005	10/11/2005	10/13/2005
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 0.25	< 0.50	< 0.25	< 0.25	< 0.25	< 0.25	< 0.050	< 0.050	< 0.25	< 0.25	< 0.050	< 0.050	< 0.50
alpha-Chlordane	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
gamma-Chlordane	< 0.010	< 0.020	**0.012**	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
Dieldrin	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
DDD	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
DDE	< 0.010	< 0.020	**0.024**	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	**0.0092**	< 0.0020	< 0.020
DDT	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
Endosulfan I	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
Endrin	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.020
Toxaphene	< 0.50	< 1.0	< 0.50	< 0.50	< 0.50	< 0.50	< 0.10	< 0.10	< 0.50	< 0.50	< 0.099	< 0.10	< 1.0
Metals													
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	**7.3**	**6.5**	**7.2**	**7.4**	**6.1**	**7.4**	**8.0**	**7.1**	**7.3**	**7.0**	**5.9**	**7.7**	**4.6**
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B78	B79	B44	B44	B108	B108	B109 excavated	B109 excavated	B109	B110 excavated	B110	B111	B111
Sample Depth (feet bgs)	0	0	2.5	4.5	0	2.5	0	2.5	4.5	0	2.5	0	2.5
Area	Former Orchard Areas	Former Orchard Areas	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44
Sampling Date	10/13/2005	10/13/2005	12/13/2005	4/25/2006	12/13/2005	12/13/2005	12/13/2005	12/13/2005	4/25/2006	12/13/2005	12/13/2005	12/13/2005	12/13/2005
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 0.25	< 0.050	< 2.5	< 0.49	< 0.25	< 0.49	< 2.5	< 0.25	< 0.25	< 0.25	< 0.049	< 0.25	< 0.49
alpha-Chlordane	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	< 0.098	< 0.0099	< 0.0099	< 0.010	< 0.0020	< 0.0099	< 0.020
gamma-Chlordane	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	< 0.098	< 0.0099	< 0.0099	< 0.010	< 0.0020	< 0.0099	< 0.020
Dieldrin	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	**2.6**	**0.044**	< 0.0099	**0.17**	< 0.0020	< 0.0099	< 0.020
DDD	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	< 0.098	< 0.0099	< 0.0099	**0.025**	< 0.0020	**0.010**	< 0.020
DDE	< 0.010	< 0.0020	**0.60**	< 0.020	< 0.0099	< 0.020	**1.7**	**0.048**	< 0.0099	**0.13**	< 0.0020	**0.12**	< 0.020
DDT	< 0.010	< 0.0020	**0.17**	< 0.020	< 0.0099	< 0.020	**1.1**	**0.014**	< 0.0099	**0.022**	< 0.0020	**0.010**	< 0.020
Endosulfan I	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	< 0.098	< 0.0099	< 0.0099	< 0.010	< 0.0020	< 0.0099	< 0.020
Endrin	< 0.010	< 0.0020	< 0.098	< 0.020	< 0.0099	< 0.020	< 0.098	< 0.0099	< 0.0099	< 0.010	< 0.0020	< 0.0099	< 0.020
Toxaphene	< 0.50	< 0.10	< 4.9	< 0.99	< 0.49	< 0.99	< 4.9	< 0.49	< 0.50	< 0.50	< 0.098	< 0.50	< 0.98
Metals													
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	**6.3**	**7.7**	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B112 excavated	B112	B113 excavated	B113	B114	B114	B115	B115	A2	A4	A5	B6	C1
Sample Depth (feet bgs)	0	2.5	0	2.5	0	2.5	0	2.5	0	0	0	0	0
Area	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44
Sampling Date	12/13/2005	12/13/2005	12/13/2005	12/13/2005	12/13/2005	12/13/2005	12/13/2005	12/13/2005	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 2.5	< 0.25	< 0.49	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25
alpha-Chlordane	< 0.099	< 0.0099	< 0.020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
gamma-Chlordane	< 0.099	< 0.0099	< 0.020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
Dieldrin	**1.0**	< 0.0099	**0.21**	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
DDD	< 0.099	< 0.0099	**0.066**	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
DDE	**0.46**	< 0.0099	**0.21**	< 0.0099	**0.030**	< 0.010	**0.084**	< 0.010	**0.026**	**0.011**	**0.016**	< 0.020	< 0.010
DDT	**0.16**	< 0.0099	**0.21**	< 0.0099	< 0.0099	< 0.010	**0.012**	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
Endosulfan I	< 0.099	< 0.0099	< 0.020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
Endrin	< 0.099	< 0.0099	< 0.020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.0099	< 0.020	< 0.010
Toxaphene	< 4.9	< 0.50	< 0.98	< 0.49	< 0.50	< 0.50	< 0.50	< 0.50	< 0.49	< 0.49	< 0.50	< 1.0	< 0.50
Metals													
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	C1	C2 excavated	C2	C4	C5 excavated	C5	C6 excavated	C6	D1	D1	D2	D2	D4
Sample Depth (feet bgs)	2.5	0	2.5	0	0	2.5	0	2.5	0	2.5	0	2.5	0
Area	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44
Sampling Date	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 0.099	< 0.50	< 0.25	< 0.25	< 2.5	< 0.50	< 0.25	< 0.50	< 0.25	< 0.25	< 0.049	< 0.050	< 0.25
alpha-Chlordane	< 0.0040	< 0.020	< 0.0098	< 0.0099	< 0.099	< 0.020	< 0.010	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	< 0.0099
gamma-Chlordane	< 0.0040	< 0.020	< 0.0098	< 0.0099	< 0.099	< 0.020	< 0.010	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	< 0.0099
Dieldrin	< 0.0040	**0.11**	< 0.0098	< 0.0099	**1.9**	< 0.020	**0.076**	< 0.020	**0.011**	< 0.0099	< 0.0020	< 0.0020	< 0.0099
DDD	**0.0045**	< 0.020	**0.035**	**0.021**	**0.10**	< 0.020	< 0.010	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	**0.011**
DDE	**0.069**	**0.074**	**0.23**	**0.24**	**0.79**	**0.071**	**0.060**	< 0.020	**0.014**	< 0.0099	< 0.0020	< 0.0020	**0.080**
DDT	< 0.0040	**0.022**	< 0.0098	< 0.0099	< 0.099	< 0.020	**0.020**	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	< 0.0099
Endosulfan I	< 0.0040	< 0.020	< 0.0098	< 0.0099	< 0.099	< 0.020	< 0.010	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	< 0.0099
Endrin	< 0.0040	< 0.020	< 0.0098	< 0.0099	< 0.099	< 0.020	< 0.010	< 0.020	< 0.010	< 0.0099	< 0.0020	< 0.0020	< 0.0099
Toxaphene	< 0.20	< 0.99	< 0.49	< 0.49	< 5.0	< 1.0	< 0.50	< 0.99	< 0.50	< 0.50	< 0.099	< 0.10	< 0.50
Metals													
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	D4	D5	D5	D6 NOT excavated	D6	EXC-B2	EXC-B3	EXC-B4 excavated	EXC-B4	EXC-B5	EXC-C2	EXC-C3	EXC-C5
Sample Depth (feet bgs)	2.5	0	2.5	0	2.5	3	1	1	2	1	1	1	1
Area	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Step Out Sampling Near Boring 44	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area
Sampling Date	4/25/2006	4/25/2006	4/25/2006	4/25/2006	4/25/2006	11/9/2006	11/9/2006	11/10/2006	11/28/2006	11/10/2006	11/9/2006	11/10/2006	11/9/2006
Volatile Organic Compounds													
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides													
Chlordane (Technical)	< 0.25	< 0.25	< 0.50	< 0.25	< 0.25	< 0.040	< 0.40	< 0.040	< 0.40	< 0.040	< 0.40	< 0.20	< 0.40
alpha-Chlordane	< 0.010	< 0.0098	< 0.020	< 0.0098	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0099	< 0.020
gamma-Chlordane	< 0.010	< 0.0098	< 0.020	< 0.0098	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0099	< 0.020
Dieldrin	< 0.010	**0.023**	< 0.020	**0.032**	< 0.010	< 0.0020	< 0.020	**0.062**	**0.038**	< 0.0020	< 0.020	< 0.0099	< 0.020
DDD	< 0.010	< 0.0098	< 0.020	**0.021**	< 0.010	< 0.0020	< 0.020	< 0.0020	**0.025**	< 0.0020	**0.022**	**0.023**	< 0.020
DDE	< 0.010	**0.015**	**0.17**	**0.17**	< 0.010	< 0.0020	**0.48**	**0.050**	**0.36**	**0.032**	**0.16**	**0.11**	**0.13**
DDT	< 0.010	< 0.0098	**0.045**	< 0.0098	< 0.010	< 0.0020	**0.12**	**0.0026**	**0.039**	< 0.0020	< 0.020	< 0.0099	< 0.020
Endosulfan I	< 0.010	< 0.0098	< 0.020	< 0.0098	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0020	< 0.020	< 0.0099	< 0.020
Endrin	< 0.010	< 0.0098	< 0.020	< 0.0098	< 0.010	< 0.0020	**0.040**	**0.0022**	< 0.020	< 0.0020	< 0.020	< 0.0099	< 0.020
Toxaphene	< 0.50	< 0.49	< 0.99	< 0.49	< 0.50	< 0.040	< 0.40	< 0.040	< 0.40	< 0.040	< 0.40	< 0.20	< 0.40
Metals													
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties													
pH	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.11
Soil Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	EXC-C6	EXC-C6-SWSouth	EXC-D6	EXC-D6SW	EXC-D6-SWSouth
Sample Depth (feet bgs)	1	0	1	0	0
Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area	Pesticide Excavation Area
Sampling Date	11/9/2006	1/10/2007	11/9/2006	11/9/2006	1/10/2007
Volatile Organic Compounds					
Acetone	----	----	----	----	----
Chloroform	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----
Trichloroethene	----	----	----	----	----
Total Petroleum Hydrocarbons					
TPH-Diesel	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----
Organochlorine Pesticides					
Chlordane (Technical)	< 0.40	< 0.040	< 0.20	< 0.040	< 0.40
alpha-Chlordane	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.020
gamma-Chlordane	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.020
Dieldrin	< 0.020	**0.060**	< 0.0099	< 0.0020	**0.029**
DDD	**0.030**	**0.0055**	**0.012**	< 0.0020	< 0.020
DDE	**0.12**	**0.044**	**0.19**	< 0.0020	**0.039**
DDT	< 0.020	**0.0050**	**0.030**	< 0.0020	**0.038**
Endosulfan I	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.020
Endrin	< 0.020	**0.0030**	< 0.0099	< 0.0020	< 0.020
Toxaphene	< 0.40	< 0.040	< 0.20	< 0.040	< 0.40
Metals					
Antimony	----	----	----	----	----
Arsenic	----	----	----	----	----
Barium	----	----	----	----	----
Beryllium	----	----	----	----	----
Cadmium	----	----	----	----	----
Chromium (total)	----	----	----	----	----
Cobalt	----	----	----	----	----
Copper	----	----	----	----	----
Lead	----	----	----	----	----
Mercury	----	----	----	----	----
Molybdenum	----	----	----	----	----
Nickel	----	----	----	----	----
Vanadium	----	----	----	----	----
Zinc	----	----	----	----	----
Soil Properties					
pH	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
RBTC = Risk-Based Target Concentration
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.12
Groundwater Sampling Results for Parcel O-2
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	026-GW-A3	026-WV02-GW
Sample Depth (feet bgs)	30	30
Area	Near Building 026	Near Building 026
Sampling Date	1/17/2007	1/17/2007
Volatile Organic Compounds		
Chloroform	< 0.0010	< 0.0010
1,1-Dichloroethane	< 0.00050	< 0.00050
1,1-Dichloroethene (Ethylene dichloride)	< 0.00050	< 0.00050
Freon 113 (Trichlorotrifluoroethane)	**0.0067**	**0.0052**
Toluene	< 0.00050	< 0.00050
1,1,1-Trichloroethane (Methyl chloroform)	< 0.00050	**0.00093**
Trichloroethene	< 0.00050	**0.033**
Xylenes, Total	< 0.0010	< 0.0010
Metals		
Chromium (VI)	< 0.050	**0.015**

Notes:
Results shown in milligrams per liter (mg/L).
bgs = below ground surface

Table 3.13
Soil Sampling Results for Parcel O-3
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	TR-6	3-1	3-2	3-3	3-8 excavated	3-9 excavated	B33	B37	B38	B39	B40	B41	026 S Parking Lot
Sample Depth (feet bgs)	4	0	0	0	0	0	0	0	0	0	0	0	0
Area	Near buried concrete trench	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Parking Lot South of Building 026
Sampling Date	10/16/2006	10/12/2004	10/12/2004	10/12/2004	10/22/2004	10/22/2004	10/11/2005	10/12/2005	10/12/2005	10/12/2005	10/12/2005	10/12/2005	10/12/2006
Volatile Organic Compounds													
Acetone	< 0.049	----	----	----	----	----	----	----	----	----	----	----	**0.055**
Chloroform	< 0.0049	----	----	----	----	----	----	----	----	----	----	----	< 0.0049
Freon 12 (Dichlorodifluoromethane)	< 0.0097	----	----	----	----	----	----	----	----	----	----	----	< 0.0098
1,1,2-Trichloroethane	< 0.0049	----	----	----	----	----	----	----	----	----	----	----	< 0.0049
Trichloroethene	< 0.0049	----	----	----	----	----	----	----	----	----	----	----	< 0.0049
Total Petroleum Hydrocarbons													
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	**68**
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	**560**
Semi-Volatile Organic Compounds													
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	**0.17**
Organochlorine Pesticides													
Chlordane (Technical)	----	< 0.25	< 0.25	< 0.25	< 0.050	< 0.050	< 0.050	< 0.50	< 0.25	< 0.050	< 0.050	< 0.25	----
alpha-Chlordane	----	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
gamma-Chlordane	----	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
Dieldrin	----	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
DDD	----	< 0.010	< 0.010	< 0.010	**0.0024**	**0.0028**	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
DDE	----	**0.094**	**0.15**	**0.23**	**0.0057**	**0.0053**	< 0.0020	**0.12**	< 0.0099	< 0.0020	< 0.0020	**0.032**	----
DDT	----	**0.038**	**0.045**	**0.048**	< 0.0020	**0.0025**	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
Endosulfan I	----	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
Endrin	----	< 0.010	< 0.010	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.0020	< 0.0020	< 0.0099	----
Toxaphene	----	< 0.18	< 0.18	< 0.18	< 0.10	< 0.10	< 0.10	< 0.99	< 0.50	< 0.099	< 0.099	< 0.49	----
Metals													
Antimony	< 1.9	< 2.0	< 2.0	< 2.0	< 0.20	< 0.20	----	----	----	----	----	----	< 1.9
Arsenic	**7.6**	**6.9**	**7.5**	**7.4**	**2.8**	**2.3**	< 0.99	**8.3**	**7.4**	**7.1**	**7.7**	**6.3**	**6.6**
Barium	**200**	**170**	**180**	**170**	**130**	**120**	----	----	----	----	----	----	**180**
Beryllium	**0.62**	< 0.50	< 0.50	< 0.50	**0.23**	**0.22**	----	----	----	----	----	----	< 0.49
Cadmium	< 0.49	< 0.50	< 0.50	< 0.50	< 0.10	< 0.10	----	----	----	----			
Chromium (total)	**45**	**35**	**40**	**37**	**73**	**120**	----	----	----	----	----	----	**41**
Cobalt	**12**	**10**	**10**	**11**	**20**	**27**	----	----	----	----	----	----	**11**
Copper	**31**	**44**	**54**	**34**	**16**	**17**	----	----	----	----	----	----	**39**
Lead	**7.9**	**21**	**27**	**21**	**6.3**	**5.8**	----	----	----	----	----	----	**27**
Mercury	< 0.049	**0.077**	**0.12**	**0.084**	**0.22**	**0.17**	----	----	----	----	----	----	< 0.052
Molybdenum	< 0.97	< 1.0	< 1.0	< 1.0	**0.21**	< 0.20	----	----	----	----	----	----	< 0.97
Nickel	**68**	**56**	**63**	**61**	**410**	**530**	----	----	----	----	----	----	**58**
Silver	< 0.97	< 1.0	< 1.0	< 1.0	< 0.10	< 0.10	----	----	----	----	----	----	< 0.97
Vanadium	**34**	**31**	**32**	**33**	**20**	**21**	----	----	----	----	----	----	**32**
Zinc	< 0.0049	**62**	**78**	**58**	**51**	**48**	----	----	----	----	----	----	**68**
Soil Properties													
pH	**7.97**	----	----	----	----	----	----	----	----	----	----	----	**7.12**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
excavated = the sample was collected in soil that was excavated and disposed off-site as part of the redevelopment activities.
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	028-A2-SW	028-D1-SW	028-D2-B	028-D3-SW	028-G1-SW	028-G2-B	028-G3-SW	028-H2-SW	028-SW1-Composite	028-SW3-Composite	028-EL3-B1 excavated	028-EL3-B1	028-EL3-B1	028-EL3-B2 excavated	028-EL3-B2
Sample Depth (feet bgs)	2	2	3	2	1	2	1	0	2	2	22	26	30	22	26
Area	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Former Diesel UST at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028
Sampling Date	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/5/2007	1/17/2007	1/17/2007	1/17/2007	1/17/2007	1/17/2007
Volatile Organic Compounds															
Acetone	< 0.041	< 0.045	< 0.041	< 0.044	< 0.041	< 0.040	< 0.041	< 0.047	----	----	----	----	----	----	----
Chloroform	< 0.0041	< 0.0045	< 0.0041	< 0.0044	< 0.0041	< 0.0040	< 0.0041	< 0.0047	----	----	----	----	----	----	----
1,1,2-Trichloroethane	< 0.0041	< 0.0045	< 0.0041	< 0.0044	< 0.0041	< 0.0040	< 0.0041	< 0.0047	----	----	----	----	----	----	----
Trichloroethene	< 0.0041	< 0.0045	< 0.0041	< 0.0044	< 0.0041	< 0.0040	< 0.0041	< 0.0047	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons															
TPH-Diesel	**20**	----	**19**	----	----	**2.0**	----	**26**	**8.0**	**4.7**	**250**	**1.2**	**1.0**	**24**	**250**
TPH-Motor Oil	< 48	----	< 49	----	----	< 48	----	**68**	< 49	< 49	**760**	< 47	< 48	**83**	**540**
Semi-Volatile Organic Compounds															
Benzo(a)anthracene	< 0.33	----	< 0.33	----	----	< 0.33	----	< 0.33	< 0.33	< 0.33	**0.20**	< 0.0050	< 0.0050	**0.026**	< 0.0050
Benzo(a)pyrene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.32**	< 0.0050	< 0.0050	**0.037**	< 0.0050
Benzo(b)fluoranthene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.12**	< 0.0050	< 0.0050	**0.017**	< 0.0050
Benzo(g,h,i)perylene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.36**	< 0.0050	< 0.0050	**0.038**	< 0.0050
Chrysene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.35**	< 0.0050	< 0.0050	**0.045**	< 0.0050
Dibenz(a,h)anthracene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	< 0.050	< 0.0050	< 0.0050	**0.0076**	< 0.0050
Diethylphthalate	< 0.17	----	< 0.17	----	----	< 0.17	----	< 0.17	< 0.17	< 0.17	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.11**	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Pyrene	< 0.067	----	< 0.067	----	----	< 0.067	----	< 0.067	< 0.067	< 0.067	**0.20**	< 0.0050	< 0.0050	**0.021**	< 0.0050
Organochlorine Pesticides															
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals															
Antimony	< 2.0	----	< 2.0	----	----	< 2.0	----	< 2.0	< 1.9	< 2.0	----	----	----	----	----
Arsenic	**5.9**	----	**5.9**	----	----	**6.3**	----	**4.7**	**5.6**	**5.8**	----	----	----	----	----
Barium	**130**	----	**140**	----	----	**130**	----	**130**	**130**	**140**	----	----	----	----	----
Beryllium	< 0.49	----	< 0.50	----	----	< 0.50	----	< 0.50	< 0.49	< 0.51	----	----	----	----	----
Cadmium	< 0.49	----	< 0.50	----	----	< 0.50	----	< 0.50	< 0.49	< 0.51	----	----	----	----	----
Chromium (total)	**37**	----	**47**	----	----	**40**	----	**170**	**66**	**40**	----	----	----	----	----
Cobalt	**9.9**	----	**11**	----	----	**10**	----	**22**	**13**	**10**	----	----	----	----	----
Copper	**25**	----	**26**	----	----	**26**	----	**26**	**28**	**25**	----	----	----	----	----
Lead	**7.3**	----	**8.7**	----	----	**7.5**	----	**7.0**	**8.5**	**6.8**	----	----	----	----	----
Mercury	**0.10**	----	**0.059**	----	----	**0.058**	----	< 0.049	< 0.050	**0.074**	----	----	----	----	----
Molybdenum	< 0.98	----	< 1.0	----	----	< 0.99	----	< 1.0	< 0.97	< 1.0	----	----	----	----	----
Nickel	**67**	----	**91**	----	----	**70**	----	**330**	**140**	**74**	----	----	----	----	----
Silver	< 0.98	----	< 1.0	----	----	< 0.99	----	< 1.0	< 0.97	< 1.0	----	----	----	----	----
Vanadium	**27**	----	**26**	----	----	**27**	----	**26**	**27**	**27**	----	----	----	----	----
Zinc	**46**	----	**45**	----	----	**47**	----	**38**	**46**	**47**	----	----	----	----	----
Soil Properties															
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	028-EL3-B2	028-EL3-B3 excavated	028-EL3-B3	028-EL3-B3	028-EL3-SW WEST	028-EL3-SW SOUTH	028-EL3-SW NORTH	028-EL1-S1	WV-04-1	WV-03-1	WV-03-2	28J-1	28J-1	28J-1	28J-1	28J-1
Sample Depth (feet bgs)	30	22	26	30	24	24	24	26	4	5	5	0	4.5	9.5	15	19.5
Area	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Passenger Elevator No. 1 in Building 028	Former WV-04	WV-03 - Near Building 028J	WV-03 - Near Building 028J	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint
Sampling Date	1/17/2007	1/17/2007	1/17/2007	1/17/2007	1/31/2007	2/1/2007	1/31/2007	1/24/2007	11/1/2006	12/8/2006	12/8/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006
Volatile Organic Compounds																
Acetone	----	----	----	----	----	----	----	----	< 0.048	< 0.048	< 0.049	< 0.049	< 0.050	< 0.049	< 0.049	< 0.049
Chloroform	----	----	----	----	----	----	----	----	< 0.0048	< 0.0048	< 0.0049	< 0.0049	< 0.0050	< 0.0049	< 0.0049	< 0.0049
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	< 0.0048	< 0.0048	< 0.0049	< 0.0049	< 0.0050	< 0.0049	< 0.0049	< 0.0049
Trichloroethene	----	----	----	----	----	----	----	----	< 0.0048	< 0.0048	< 0.0049	< 0.0049	< 0.0050	< 0.0049	< 0.0049	< 0.0049
Total Petroleum Hydrocarbons																
TPH-Diesel	< 0.93	**68**	**1.0**	< 0.97	< 0.99	**7.0**	< 0.97	< 1.0	----	----	----	----	----	----	----	----
TPH-Motor Oil	< 47	**420**	< 48	< 49	< 49	< 48	< 49	< 50	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																
Benzo(a)anthracene	< 0.0050	**0.051**	< 0.0050	----	< 0.0050	**0.011**	< 0.0050	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	< 0.0050	**0.093**	< 0.0050	----	< 0.0050	**0.015**	< 0.0050	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	< 0.0050	< 0.050	< 0.0050	----	< 0.0050	< 0.0050	< 0.0050	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	< 0.0050	**0.070**	< 0.0050	----	< 0.0050	**0.015**	< 0.0050	----	----	----	----	----	----	----	----	----
Chrysene	< 0.0050	**0.084**	< 0.0050	----	< 0.0050	**0.021**	< 0.0050	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	< 0.0050	< 0.050	< 0.0050	----	< 0.0050	< 0.0050	< 0.0050	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	< 0.0050	< 0.050	< 0.0050	----	< 0.0050	< 0.0050	< 0.0050	----	----	----	----	----	----	----	----	----
Pyrene	< 0.0050	< 0.050	< 0.0050	----	< 0.0050	**0.0080**	< 0.0050	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																
Antimony	----	----	----	----	----	----	----	----	< 2.0	< 1.9	< 1.9	< 1.9	< 2.0	< 2.0	< 2.0	< 1.9
Arsenic	----	----	----	----	----	----	----	----	**7.3**	**6.2**	**6.8**	**7.0**	**6.9**	**6.6**	**5.6**	**7.4**
Barium	----	----	----	----	----	----	----	----	**150**	**150**	**140**	**130**	**150**	**130**	**120**	**140**
Beryllium	----	----	----	----	----	----	----	----	< 0.50	**0.50**	**0.56**	**0.49**	**0.51**	< 0.50	< 0.50	< 0.49
Cadmium	----	----	----	----	----	----	----	----	< 0.50	< 0.48	< 0.48	< 0.48	< 0.49	< 0.50	< 0.50	< 0.49
Chromium (total)	----	----	----	----	----	----	----	----	**73**	**34**	**38**	**39**	**43**	**41**	**44**	**44**
Cobalt	----	----	----	----	----	----	----	----	**13**	**9.5**	**9.7**	**11**	**12**	**10**	**10**	**15**
Copper	----	----	----	----	----	----	----	----	**86**	**26**	**28**	**29**	**29**	**25**	**28**	**31**
Lead	----	----	----	----	----	----	----	----	**9.8**	**6.1**	**6.5**	**6.7**	**7.5**	**6.0**	**6.4**	**7.5**
Mercury	----	----	----	----	----	----	----	----	**0.081**	**0.056**	**0.052**	**0.074**	< 0.049	**0.081**	**0.069**	**0.16**
Molybdenum	----	----	----	----	----	----	----	----	< 1.0	< 0.96	< 0.95	< 0.96	< 0.98	< 1.0	< 1.0	< 0.97
Nickel	----	----	----	----	----	----	----	----	**140**	**56**	**62**	**65**	**67**	**69**	**65**	**83**
Silver	----	----	----	----	----	----	----	----	< 1.0	< 0.96	< 0.95	< 0.96	< 0.98	< 1.0	< 1.0	< 0.97
Vanadium	----	----	----	----	----	----	----	----	**30**	**27**	**29**	**30**	**33**	**29**	**29**	**32**
Zinc	----	----	----	----	----	----	----	----	< 0.0048	**45**	**49**	**51**	**55**	**48**	**53**	**54**
Soil Properties																
pH	----	----	----	----	----	----	----	----	**8.47**	**7.89**	**7.71**	**8.21**	**7.48**	**8.33**	**8.20**	**8.25**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	28J-2	28J-2	28J-2	28J-2	28J-2	28J-3	28J-3	28J-3	28J-3	28J-3	28J-4	28J-4	28J-4	28J-4	28J-4	28J-5	28J-5	28J-5
Sample Depth (feet bgs)	0	4.5	10	15	19.5	0	4.5	9.5	14.5	19.5	0	4.5	10.5	15.5	19.5	0	4.5	9.5
Area	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint
Sampling Date	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006
Volatile Organic Compounds																		
Acetone	< 0.050	< 0.048	< 0.049	< 0.050	< 0.049	< 0.050	< 0.048	< 0.049	< 0.050	< 0.050	< 0.049	< 0.048	< 0.050	< 0.050	< 0.049	< 0.049	< 0.050	< 0.050
Chloroform	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0050	**0.014**	< 0.0049	**0.0085**	**0.014**	**0.017**	**0.015**	< 0.0049	< 0.0050	< 0.0050
1,1,2-Trichloroethane	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0050
Trichloroethene	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0049	< 0.0050	< 0.0048	< 0.0049	< 0.0050	< 0.0050	< 0.0049	< 0.0048	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0050
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.9	< 2.0	< 1.9	< 2.0	< 2.0	< 2.0
Arsenic	**7.7**	**7.3**	**6.3**	**7.2**	**5.5**	**2.8**	**7.7**	**5.3**	**6.3**	**7.4**	**3.7**	**3.8**	< 0.96	**5.4**	**6.8**	**6.8**	**6.8**	**6.2**
Barium	**140**	**140**	**160**	**140**	**140**	**54**	**170**	**120**	**120**	**240**	**82**	**79**	**5.4**	**76**	**80**	**140**	**120**	**120**
Beryllium	**0.55**	**0.53**	< 0.49	< 0.49	< 0.48	< 0.49	**0.54**	< 0.49	< 0.50	**0.49**	< 0.50	< 0.49	< 0.48	< 0.50	**0.50**	< 0.50	< 0.49	< 0.50
Cadmium	< 0.50	< 0.50	< 0.49	< 0.49	< 0.48	< 0.49	< 0.50	< 0.49	< 0.50	< 0.49	< 0.50	< 0.49	< 0.48	< 0.50	< 0.48	< 0.50	< 0.49	< 0.50
Chromium (total)	**45**	**43**	**47**	**44**	**49**	**190**	**42**	**98**	**42**	**46**	**21**	**20**	**5.1**	**30**	**41**	**37**	**41**	**58**
Cobalt	**12**	**12**	**9.2**	**11**	**9.2**	**42**	**11**	**20**	**9.4**	**14**	**6.1**	**5.0**	**1.1**	**7.0**	**11**	**9.3**	**9.6**	**11**
Copper	**30**	**30**	**23**	**29**	**27**	**14**	**31**	**23**	**24**	**31**	**15**	**14**	**3.2**	**22**	**29**	**26**	**26**	**24**
Lead	**7.9**	**7.5**	**5.2**	**6.8**	**5.7**	**1.8**	**7.6**	**5.2**	**5.9**	**6.9**	**3.9**	**3.9**	< 0.96	**5.8**	**6.8**	**10**	**7.5**	**5.5**
Mercury	**0.053**	**0.061**	**0.062**	**0.068**	**0.051**	< 0.048	**0.082**	**0.058**	**0.055**	**0.053**	**0.088**	< 0.049	**0.061**	**0.068**	**0.051**	**0.052**	< 0.050	< 0.050
Molybdenum	< 1.0	< 0.99	< 0.97	< 0.98	< 0.96	< 0.97	< 1.0	< 0.98	< 1.0	< 0.98	< 1.0	< 0.98	< 0.96	< 1.0	< 0.96	< 0.99	< 0.98	< 0.99
Nickel	**66**	**70**	**75**	**74**	**68**	**860**	**69**	**290**	**57**	**81**	**36**	**29**	**2.5**	**35**	**73**	**66**	**58**	**110**
Silver	< 1.0	< 0.99	< 0.97	< 0.98	< 0.96	< 0.97	< 1.0	< 0.98	< 1.0	< 0.98	< 1.0	< 0.98	< 0.96	< 1.0	< 0.96	< 0.99	< 0.98	< 0.99
Vanadium	**35**	**33**	**29**	**31**	**29**	**25**	**33**	**32**	**27**	**32**	**15**	**16**	**3.1**	**21**	**29**	**27**	**30**	**27**
Zinc	**56**	**57**	**46**	**52**	**53**	**24**	**57**	**42**	**45**	**53**	**27**	**27**	< 0.96	**25**	**51**	**48**	**49**	**45**
Soil Properties																		
pH	**7.61**	**7.91**	**8.43**	**8.08**	**8.08**	**7.96**	**8.13**	**8.26**	**8.19**	**8.09**	**8.09**	**7.78**	**8.25**	**8.18**	**8.33**	**8.03**	**8.43**	**8.46**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	28J-5	28J-5	28J-6	28J-6	28J-6	28J-6	28J-6	28J-7	28J-7	28J-7	28J-7	28J-7	28J-8	28J-8	28J-8	28J-8	28J-8	28J-A
Sample Depth (feet bgs)	15	19.5	0	4.5	9.5	15	19.5	0	4.5	10	15	19.5	0	4.5	10	15	19.5	5
Area	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Footprint	Building 028J Area
Sampling Date	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	9/5/2006	12/7/2006
Volatile Organic Compounds																		
Acetone	< 0.050	< 0.049	< 0.049	< 0.050	< 0.050	< 0.050	< 0.049	< 0.049	< 0.048	< 0.050	< 0.048	< 0.050	< 0.049	< 0.050	< 0.048	< 0.048	< 0.049	< 0.038
Chloroform	**0.0057**	< 0.0049	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0048	< 0.0050	**0.0072**	**0.010**	< 0.0049	< 0.0050	< 0.0048	**0.0087**	**0.010**	**0.0050**
1,1,2-Trichloroethane	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0048	< 0.0050	< 0.0048	< 0.0050	< 0.0049	< 0.0050	< 0.0048	< 0.0048	< 0.0049	**0.0044**
Trichloroethene	< 0.0050	< 0.0049	< 0.0049	< 0.0050	< 0.0050	< 0.0050	< 0.0049	< 0.0049	< 0.0048	< 0.0050	< 0.0048	< 0.0050	< 0.0049	< 0.0050	< 0.0048	< 0.0048	< 0.0049	< 0.0038
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	< 2.0	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 1.9	< 1.9	< 2.0	< 2.0	< 1.9	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	----
Arsenic	**6.5**	**6.6**	**7.1**	**8.4**	**6.0**	**6.6**	**6.7**	**6.1**	**4.2**	**6.1**	**7.7**	**7.3**	**4.6**	**6.7**	**5.4**	**6.5**	**7.5**	----
Barium	**110**	**100**	**170**	**150**	**140**	**170**	**130**	**130**	**110**	**140**	**190**	**130**	**120**	**150**	**95**	**170**	**160**	----
Beryllium	< 0.49	< 0.48	< 0.50	**0.56**	< 0.50	< 0.50	< 0.49	< 0.49	< 0.50	< 0.50	**0.50**	< 0.48	< 0.50	< 0.50	< 0.50	< 0.49	< 0.50	----
Cadmium	< 0.49	< 0.48	< 0.50	< 0.49	< 0.50	< 0.50	< 0.49	< 0.49	< 0.50	< 0.50	< 0.48	< 0.48	< 0.50	< 0.50	< 0.50	< 0.49	< 0.50	----
Chromium (total)	**39**	**38**	**40**	**43**	**40**	**39**	**41**	**35**	**27**	**38**	**42**	**46**	**100**	**44**	**60**	**41**	**43**	----
Cobalt	**13**	**10**	**11**	**12**	**10**	**10**	**12**	**9.1**	**6.3**	**11**	**16**	**11**	**25**	**9.5**	**10**	**9.5**	**13**	----
Copper	**29**	**28**	**29**	**31**	**25**	**30**	**28**	**25**	**17**	**23**	**32**	**30**	**21**	**28**	**21**	**28**	**30**	----
Lead	**7.4**	**6.4**	**7.4**	**7.9**	**6.1**	**6.9**	**6.3**	**6.6**	**5.4**	**5.7**	**7.9**	**6.8**	**6.1**	**7.3**	**4.9**	**6.6**	**7.2**	----
Mercury	**0.068**	**0.053**	**0.063**	**0.050**	**0.055**	**0.085**	**0.054**	< 0.049	< 0.050	< 0.049	**0.083**	**0.061**	**0.073**	< 0.048	**0.060**	**0.064**	**0.063**	----
Molybdenum	< 0.98	< 0.96	< 1.0	< 0.98	< 1.0	< 0.99	< 0.97	< 0.97	< 0.99	< 1.0	< 0.96	< 0.96	< 1.0	< 1.0	< 0.99	< 0.98	< 1.0	----
Nickel	**68**	**68**	**69**	**70**	**67**	**61**	**71**	**60**	**43**	**69**	**80**	**72**	**390**	**62**	**130**	**60**	**75**	----
Silver	< 0.98	< 0.96	< 1.0	< 0.98	< 1.0	< 0.99	< 0.97	< 0.97	< 0.99	< 1.0	< 0.96	< 0.96	< 1.0	< 1.0	< 0.99	< 0.98	< 1.0	----
Vanadium	**29**	**28**	**30**	**34**	**28**	**28**	**30**	**26**	**20**	**28**	**32**	**31**	**31**	**31**	**27**	**30**	**32**	----
Zinc	**51**	**50**	**50**	**54**	**48**	**51**	**51**	**89**	**73**	**48**	**53**	**54**	**38**	**51**	**42**	**51**	**51**	----
Soil Properties																		
pH	**8.21**	**8.07**	**8.36**	**7.69**	**8.44**	**8.39**	**8.09**	**8.22**	**8.02**	**8.36**	**8.27**	**8.17**	**8.00**	**7.81**	**8.36**	**8.16**	**8.21**	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	28J-A	28J-A	28J-A	28J-B	28J-B	28J-B	28J-B	28J-C	28J-C	28J-C	28J-C	28J-D	28J-D	28J-D	28J-D	28J-E	28J-E	28J-E
Sample Depth (feet bgs)	10	15	20	5	10	15	20	5	10	15	20	5	10	15	20	5	10	15
Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area
Sampling Date	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
Volatile Organic Compounds																		
Acetone	< 0.048	< 0.047	< 0.042	< 0.038	< 0.039	< 0.049	< 0.039	< 0.039	< 0.050	< 0.042	< 0.041	< 0.038	< 0.045	< 0.048	< 0.040	< 0.037	< 0.055	< 0.043
Chloroform	< 0.0048	**0.013**	**0.021**	**0.0058**	**0.0053**	**0.018**	**0.021**	**0.018**	< 0.0050	**0.016**	**0.022**	**0.0067**	< 0.0045	**0.021**	**0.016**	**0.0053**	**0.0061**	**0.021**
1,1,2-Trichloroethane	< 0.0048	< 0.0047	< 0.0042	< 0.0038	< 0.0039	< 0.0049	< 0.0039	< 0.0039	< 0.0050	< 0.0042	< 0.0041	< 0.0038	< 0.0045	< 0.0048	< 0.0040	< 0.0037	< 0.0055	< 0.0043
Trichloroethene	< 0.0048	< 0.0047	< 0.0042	< 0.0038	< 0.0039	< 0.0049	< 0.0039	< 0.0039	< 0.0050	< 0.0042	< 0.0041	< 0.0038	< 0.0045	< 0.0048	< 0.0040	< 0.0037	< 0.0055	< 0.0043
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties																		
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	28J-E	28J-F	28J-F	28J-F	28J-F	28J-G	28J-G	28J-G	28J-G	28J-H	28J-H	28J-H	28J-H	28J-I	28J-I	28J-I	28J-I	28J-J
Sample Depth (feet bgs)	20	5	10	15	20	5	10	15	20	5	10	15	20	5	10	15	20	5
Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area
Sampling Date	12/7/2006	12/8/2006	12/8/2006	12/8/2006	12/8/2006	12/8/2006	12/8/2006	12/8/2006	12/8/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006	12/7/2006
Volatile Organic Compounds																		
Acetone	< 0.043	< 0.054	< 0.082	< 0.042	< 0.040	< 0.038	< 0.078	< 0.041	< 0.042	< 0.042	< 0.048	< 0.041	< 0.042	< 0.038	< 0.059	< 0.040	< 0.043	< 0.040
Chloroform	**0.031**	< 0.0054	< 0.0082	**0.016**	**0.010**	**0.0050**	< 0.0078	**0.020**	**0.027**	< 0.0042	< 0.0048	**0.0092**	**0.015**	< 0.0038	< 0.0059	< 0.0040	< 0.0043	< 0.0040
1,1,2-Trichloroethane	< 0.0043	< 0.0054	< 0.0082	< 0.0042	< 0.0040	< 0.0038	< 0.0078	< 0.0041	< 0.0042	< 0.0042	< 0.0048	< 0.0041	< 0.0042	< 0.0038	< 0.0059	< 0.0040	< 0.0043	< 0.0040
Trichloroethene	< 0.0043	< 0.0054	< 0.0082	< 0.0042	< 0.0040	< 0.0038	< 0.0078	< 0.0041	< 0.0042	< 0.0042	< 0.0048	< 0.0041	< 0.0042	< 0.0038	< 0.0059	< 0.0040	< 0.0043	< 0.0040
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties																		
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	28J-J	28J-J	28J-J	028J-K	028J-K	028J-K	028J-K	028J-L	028J-L	028J-L	028J-L	028J-M	028J-M	028J-M	028J-M	028J-N	028J-N	028J-N
Sample Depth (feet bgs)	10	15	20	5	10	15	20	5	10	15	20	5	10	15	20	5	10	15
Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area
Sampling Date	12/7/2006	12/7/2006	12/7/2006	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007
Volatile Organic Compounds																		
Acetone	< 0.044	< 0.041	< 0.042	< 0.044	< 0.049	< 0.041	< 0.043	< 0.041	< 0.042	< 0.041	< 0.040	< 0.042	< 0.044	< 0.040	< 0.041	< 0.044	< 0.048	< 0.040
Chloroform	< 0.0044	**0.0076**	**0.0097**	< 0.0044	< 0.0049	**0.0060**	**0.0071**	**0.0059**	< 0.0042	**0.0093**	**0.011**	**0.0060**	< 0.0044	**0.0059**	**0.0091**	< 0.0044	< 0.0048	< 0.0040
1,1,2-Trichloroethane	< 0.0044	< 0.0041	< 0.0042	< 0.0044	< 0.0049	< 0.0041	< 0.0043	< 0.0041	< 0.0042	< 0.0041	< 0.0040	< 0.0042	< 0.0044	< 0.0040	< 0.0041	< 0.0044	< 0.0048	< 0.0040
Trichloroethene	< 0.0044	< 0.0041	< 0.0042	< 0.0044	< 0.0049	< 0.0041	< 0.0043	< 0.0041	< 0.0042	< 0.0041	< 0.0040	< 0.0042	< 0.0044	< 0.0040	< 0.0041	< 0.0044	< 0.0048	< 0.0040
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties																		
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	028J-N	028J-O	028J-O	028J-O	028J-O	028J-O	028J-P	028J-P	028J-P	028J-P	TR-7	TR-8	TR-9	TR-10	TR-11	B018-Pipebackfill excavated	B018-EXCB-A1
Sample Depth (feet bgs)	20	5	10	15	20	25	5	10	15	20	3	6	4.5	3	3	2	5
Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Building 028J Area	Buried Concrete Trench	Buried Concrete Trench	Buried Concrete Trench	Buried Concrete Trench	Buried Concrete Trench	Building 018 Pipe Backfill	Building 018 Pipe Backfill
Sampling Date	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	1/24/2007	11/13/2006	4/4/2007	3/28/2007	11/16/2006	11/16/2006	1/22/2007	4/19/2007
Volatile Organic Compounds																	
Acetone	< 0.041	< 0.047	< 0.045	< 0.041	< 0.041	< 0.043	< 0.040	< 0.042	< 0.044	< 0.041	< 0.048	< 0.046	< 0.049	< 0.050	< 0.050	----	----
Chloroform	< 0.0041	< 0.0047	< 0.0045	< 0.0041	< 0.0041	< 0.0043	< 0.0040	< 0.0042	< 0.0044	< 0.0041	< 0.0048	< 0.0046	< 0.0049	< 0.0050	< 0.0050	----	----
1,1,2-Trichloroethane	< 0.0041	< 0.0047	< 0.0045	< 0.0041	< 0.0041	< 0.0043	< 0.0040	< 0.0042	< 0.0044	< 0.0041	< 0.0048	< 0.0046	< 0.0049	< 0.0050	< 0.0050	----	----
Trichloroethene	< 0.0041	< 0.0047	< 0.0045	< 0.0041	< 0.0041	< 0.0043	< 0.0040	< 0.0042	< 0.0044	< 0.0041	< 0.0048	< 0.0046	< 0.0049	< 0.0050	< 0.0050	----	----
Total Petroleum Hydrocarbons																	
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	**2900**	**3.9**
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	**6900**	< 46
Semi-Volatile Organic Compounds																	
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	< 25	----
Organochlorine Pesticides																	
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																	
Antimony	----	----	----	----	----	----	----	----	----	----	< 2.0	< 2.0	< 2.0	< 1.9	< 2.0	< 2.0	----
Arsenic	----	----	----	----	----	----	----	----	----	----	**3.4**	**7.3**	**7.2**	**7.4**	**1.9**	**2.1**	----
Barium	----	----	----	----	----	----	----	----	----	----	**75**	**140**	**150**	**160**	**57**	**40**	----
Beryllium	----	----	----	----	----	----	----	----	----	----	< 0.49	< 0.50	< 0.50	< 0.48	< 0.50	< 0.51	----
Cadmium	----	----	----	----	----	----	----	----	----	----	< 0.49	< 0.50	< 0.50	< 0.48	< 0.50	< 0.51	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	**26**	**42**	**36**	**37**	**460**	**9.8**	----
Cobalt	----	----	----	----	----	----	----	----	----	----	**6.0**	**9.3**	**9.5**	**11**	**44**	**5.1**	----
Copper	----	----	----	----	----	----	----	----	----	----	**14**	**23**	**26**	**27**	**12**	**8.7**	----
Lead	----	----	----	----	----	----	----	----	----	----	**5.9**	**7.1**	**7.5**	**6.6**	**5.5**	**2.3**	----
Mercury	----	----	----	----	----	----	----	----	----	----	< 0.048	< 0.050	**0.066**	**0.15**	**0.11**	< 0.049	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	< 0.98	< 1.0	< 0.99	< 0.96	< 0.99	**1.7**	----
Nickel	----	----	----	----	----	----	----	----	----	----	**34**	**67**	**58**	**68**	**800**	**39**	----
Silver	----	----	----	----	----	----	----	----	----	----	**1.5**	< 1.0	< 0.99	< 0.96	< 0.99	< 1.0	----
Vanadium	----	----	----	----	----	----	----	----	----	----	**19**	**28**	**29**	**30**	**18**	**7.3**	----
Zinc	----	----	----	----	----	----	----	----	----	----	**88**	**39**	**44**	**49**	**2100**	**14**	----
Soil Properties																	
pH	----	----	----	----	----	----	----	----	----	----	**9.18**	**10.2**	**7.99**	**8.41**	**8.04**	**7.93**	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B018-EXCB-B1	B018-EXCB-C1	B018-EXCB-D1	B018-EXCB-D2	B018-EXCB-D3	B018-EXCB-D4	B018-EXCB-D5	B018-EXCB-D6	B018-EXCSW-A1	B018-EXCSW-D6	B018-EXCSW-E1	B018-EXCSW-E2	B018-EXCSW-E3	B018-EXCSW-E4	B018-EXCSW-F1	B018-EXCSW-F2	B018-EXCSW-F3	B018-EXCSW-F4
Sample Depth (feet bgs)	4.5	3.5	3	3.5	3.5	2.5	2.5	3	2.5	1.5	1.5	1.5	1.5	1.5	1.5	2	1.5	2
Area	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill	Building 018 Pipe Backfill
Sampling Date	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007	4/19/2007
Volatile Organic Compounds																		
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons																		
TPH-Diesel	**19**	**6.6**	**45**	**5.4**	**6.9**	**17**	**5.4**	**14**	**8.2**	**9.3**	**21**	**32**	**85**	**38**	**24**	**38**	**38**	**44**
TPH-Motor Oil	< 50	< 50	**99**	< 48	< 48	< 47	< 50	< 50	< 46	< 50	< 47	**76**	**160**	**81**	**54**	**84**	**68**	**76**
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals																		
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties																		
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	5-32	5-33	5-33	5-33A	5-33B	5-33C	5-33D	5-34	5-35	5-39	B16	B17	B20	B21	B22	B23	B24
Sample Depth (feet bgs)	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/11/2004	10/11/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/21/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2005	10/10/2005	10/11/2005	10/11/2005	10/11/2005	10/12/2005	10/11/2005
Volatile Organic Compounds																	
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons																	
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																	
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																	
Aldrin	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
Chlordane (Technical)	< 0.25	< 0.25	----	----	----	----	----	< 0.25	< 0.25	< 0.25	< 0.25	< 0.050	< 0.25	< 0.050	< 0.25	< 0.25	< 0.50
alpha-Chlordane	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
gamma-Chlordane	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
Dieldrin	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
DDD	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
DDE	**0.14**	**0.21**	----	----	----	----	----	**0.13**	**0.14**	**0.17**	**0.036**	< 0.0020	**0.019**	< 0.0020	**0.023**	**0.019**	**0.19**
DDT	**0.016**	**0.014**	----	----	----	----	----	**0.015**	**0.013**	**0.017**	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	**0.027**
Endosulfan I	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
Endrin	< 0.010	< 0.010	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.0099	< 0.0020	< 0.0099	< 0.0020	< 0.010	< 0.0099	< 0.020
Toxaphene	< 0.18	< 0.18	----	----	----	----	----	< 0.18	< 0.18	< 0.18	< 0.50	< 0.099	< 0.49	< 0.099	< 0.50	< 0.50	< 0.99
Metals																	
Antimony	< 2.0	< 2.0	----	----	----	----	----	< 2.0	< 2.0	< 2.0	----	----	----	----	----	----	----
Arsenic	**6.8**	**16**	**5.6**	**5.5**	**5.8**	**5.9**	**7.1**	**6.8**	**6.5**	**6.1**	**7.5**	**7.8**	**8.0**	**7.6**	**4.2**	**6.9**	**7.7**
Barium	**200**	**180**	----	----	----	----	----	**200**	**200**	**180**	----	----	----	----	----	----	----
Beryllium	< 0.50	< 0.50	----	----	----	----	----	< 0.50	< 0.50	< 0.50	----	----	----	----	----	----	----
Cadmium	**0.52**	< 0.50	----	----	----	----	----	**0.52**	**0.52**	< 0.50	----	----	----	----	----	----	----
Chromium (total)	**49**	**61**	----	----	----	----	----	**48**	**49**	**49**	----	----	----	----	----	----	----
Cobalt	**13**	**12**	----	----	----	----	----	**13**	**13**	**12**	----	----	----	----	----	----	----
Copper	**36**	**49**	----	----	----	----	----	**34**	**34**	**45**	----	----	----	----	----	----	----
Lead	**13**	**14**	----	----	----	----	----	**13**	**13**	**14**	----	----	----	----	----	----	----
Mercury	**0.088**	**0.11**	----	----	----	----	----	**0.099**	**0.093**	**0.12**	----	----	----	----	----	----	----
Molybdenum	< 1.0	< 1.0	----	----	----	----	----	< 1.0	< 1.0	< 1.0	----	----	----	----	----	----	----
Nickel	**71**	**72**	----	----	----	----	----	**71**	**74**	**73**	----	----	----	----	----	----	----
Silver	< 1.0	< 1.0	----	----	----	----	----	< 1.0	< 1.0	< 1.0	----	----	----	----	----	----	----
Vanadium	**39**	**40**	----	----	----	----	----	**39**	**39**	**40**	----	----	----	----	----	----	----
Zinc	**69**	**63**	----	----	----	----	----	**63**	**64**	**63**	----	----	----	----	----	----	----
Soil Properties																	
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.14
Soil Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B25	B26	B27	B28	B29	B30	B31	B32	B35	B36	SS-DD-1	SS-DD-2	SS-DD-3	SS-DD-4	SS-DD-5	SS-DD-6	SS-DD-7	SS-DD-8
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Area	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake	Near Homestead Lake
Sampling Date	10/12/2005	10/11/2005	10/12/2005	10/12/2005	10/12/2005	10/12/2005	10/11/2005	10/11/2005	10/12/2005	10/12/2005	8/7/2006	8/7/2006	8/7/2006	8/7/2006	8/7/2006	8/7/2006	8/7/2006	8/7/2006
Volatile Organic Compounds																		
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Semi-Volatile Organic Compounds																		
Benzo(a)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(a)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(b)fluoranthene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Benzo(g,h,i)perylene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chrysene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dibenz(a,h)anthracene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Diethylphthalate	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Indeno(1,2,3-cd)pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Pyrene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																		
Aldrin	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Chlordane (Technical)	< 0.049	< 0.050	< 0.50	< 0.050	< 0.25	< 0.050	< 0.050	< 0.050	< 0.50	< 0.25	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
alpha-Chlordane	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
gamma-Chlordane	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Dieldrin	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
DDD	< 0.0020	< 0.0020	< 0.020	**0.0035**	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
DDE	**0.063**	**0.0028**	**0.29**	**0.043**	**0.049**	< 0.0020	< 0.0020	< 0.0020	**0.11**	**0.025**	< 0.020	< 0.020	**0.024**	< 0.020	**0.052**	**0.026**	< 0.020	**0.040**
DDT	**0.013**	< 0.0020	**0.043**	**0.0026**	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Endosulfan I	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Endrin	< 0.0020	< 0.0020	< 0.020	< 0.0020	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.020	< 0.0099	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Toxaphene	< 0.098	< 0.099	< 0.99	< 0.10	< 0.49	< 0.10	< 0.10	< 0.099	< 1.0	< 0.50	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Metals																		
Antimony	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Arsenic	**4.8**	**7.1**	**6.6**	**6.9**	**6.8**	**7.4**	**5.2**	**7.2**	**7.3**	**7.8**	**8.3**	**8.0**	**8.8**	**8.3**	**7.6**	**8.2**	**7.7**	**7.9**
Barium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Soil Properties																		
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.15
Groundwater Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	GW-028-EL3-A	GW-028-EL3-B	GW-028-EL3-C	GW-028-EL3-D	GW-028-EL3-E	GW-028-EL3-F	GW-028-EL3-G	GW-028-EL3-H	GW-28J-C	GW-28J-F	GW-28J-F duplicate	GW-28J-O	GW-SG-028J-1	GW-028J-Q	GW-028J-R	GW-028J-S
Sample Depth (feet bgs)	31	31	24	24	24	24	24	25	32	33	33	27	28	29	29	30
Area	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Freight Elevator at Building 028	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	1/25/2007	1/25/2007	3/1/2007	3/2/2007	3/2/2007	3/2/2007	3/2/2007	3/2/2007	1/25/2007	1/25/2007	1/25/2007	1/24/2007	1/24/2007	2/28/2007	2/28/2007	2/28/2007
Volatile Organic Compounds																
Chloroform	< 0.0010	< 0.0010	----	----	----	----	----	----	**0.17**	**0.32**	**0.27**	**0.0035**	**0.0018**	< 0.0020	< 0.0020	**0.0080**
1,1-Dichloroethane	< 0.00050	< 0.00050	----	----	----	----	----	----	< 0.0020	< 0.0050	< 0.0050	< 0.00050	< 0.00050	< 0.0010	< 0.0010	< 0.0010
1,1-Dichloroethene (Ethylene dichloride)	< 0.00050	< 0.00050	----	----	----	----	----	----	**0.0046**	< 0.0050	< 0.0050	< 0.00050	< 0.00050	< 0.0010	< 0.0010	< 0.0010
Freon 113 (Trichlorotrifluoroethane)	< 0.00050	< 0.00050	----	----	----	----	----	----	< 0.0020	< 0.0050	< 0.0050	< 0.00050	< 0.00050	< 0.0010	< 0.0010	< 0.0010
Toluene	< 0.00050	< 0.00050	----	----	----	----	----	----	< 0.0020	< 0.0050	< 0.0050	**0.00076**	**0.00096**	< 0.0010	< 0.0010	< 0.0010
1,1,1-Trichloroethane (Methyl chloroform)	< 0.00050	< 0.00050	----	----	----	----	----	----	**0.0086**	< 0.0050	< 0.0050	< 0.00050	**0.0011**	< 0.0010	< 0.0010	< 0.0010
Trichloroethene	< 0.00050	< 0.00050	----	----	----	----	----	----	< 0.0020	< 0.0050	< 0.0050	< 0.00050	< 0.00050	< 0.0010	< 0.0010	< 0.0010
Xylenes, Total	< 0.0010	< 0.0010	----	----	----	----	----	----	< 0.0040	< 0.010	< 0.010	< 0.0010	**0.0013**	< 0.0020	< 0.0020	< 0.0020
Total Petroleum Hydrocarbons																
TPH-Diesel	**2.3**	**0.30**	**1.1**	**0.25**	**0.070**	< 0.050	**0.051**	**0.18**	----	----	----	----	----	----	----	----
TPH-Residual (Oil and Grease)	**3.5**	**0.52**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per liter (mg/L).
bgs = below ground surface
---- = not analyzed

Table 3.15
Groundwater Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	GW-028J-T	GW-028J-U	GW-028J-V	GW-028J-W	GW-028J-X	GW-028J-Y	GW-028J-Y duplicate	GW-028J-Z	GW-028J-01	GW-028J-02	GW-028J-03	GW-028J-04	GW-028J-05	GW-028J-06	GW-028J-07	GW-028J-08	GW-028J-09	GW-028J-10
Sample Depth (feet bgs)	33	27	26	30	24	26	26	24	27	26	26	27	24	26	25	28	27	27
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	2/28/2007	2/28/2007	3/1/2007	3/1/2007	3/1/2007	3/1/2007	3/1/2007	3/1/2007	3/12/2007	3/12/2007	3/12/2007	3/13/2007	3/12/2007	3/12/2007	3/12/2007	3/13/2007	3/13/2007	3/13/2007
Volatile Organic Compounds																		
Chloroform	< 0.0010	**0.89**	**0.17**	**0.17**	**0.073**	< 0.0010	< 0.0010	**0.0018**	< 0.0040	< 0.0040	< 0.0010	< 0.0010	< 0.0020	< 0.0010	**0.028**	**0.81**	**0.16**	**0.13**
1,1-Dichloroethane	< 0.00050	< 0.010	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050	**0.00064**	< 0.0010	< 0.0010
1,1-Dichloroethene (Ethylene dichloride)	< 0.00050	< 0.010	< 0.0020	< 0.0020	**0.0018**	< 0.00050	< 0.00050	< 0.00050	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050	**0.0029**	**0.0013**	< 0.0010
Freon 113 (Trichlorotrifluoroethane)	< 0.00050	< 0.010	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050	< 0.00050	< 0.0010	< 0.0010
Toluene	< 0.00050	< 0.010	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050	< 0.00050	< 0.0010	< 0.0010
1,1,1-Trichloroethane (Methyl chloroform)	< 0.00050	< 0.010	< 0.0020	< 0.0020	**0.0015**	< 0.00050	< 0.00050	**0.00050**	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	**0.00054**	< 0.00050	**0.0063**	**0.0019**	**0.0027**
Trichloroethene	< 0.00050	< 0.010	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0020	< 0.0020	< 0.00050	< 0.00050	< 0.0010	< 0.00050	< 0.00050	**0.0075**	< 0.0010	< 0.0010
Xylenes, Total	< 0.0010	< 0.020	< 0.0040	< 0.0040	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0040	< 0.0040	< 0.0010	< 0.0010	< 0.0020	< 0.0010	< 0.0010	< 0.0010	< 0.0020	< 0.0020
Total Petroleum Hydrocarbons																		
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Residual (Oil and Grease)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per liter (mg/L).
bgs = below ground surface
---- = not analyzed

Table 3.15
Groundwater Sampling Results for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	GW-028J-12	GW-028J-13	GW-028J-15	GW-028J-16
Sample Depth (feet bgs)	26	29	29	30
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	3/12/2007	3/13/2007	3/12/2007	3/12/2007
Volatile Organic Compounds				
Chloroform	**0.0092**	**0.12**	< 0.0010	< 0.0040
1,1-Dichloroethane	< 0.00050	< 0.0010	< 0.00050	< 0.0020
1,1-Dichloroethene (Ethylene dichloride)	< 0.00050	< 0.0010	< 0.00050	< 0.0020
Freon 113 (Trichlorotrifluoroethane)	< 0.00050	< 0.0010	< 0.00050	< 0.0020
Toluene	< 0.00050	< 0.0010	< 0.00050	< 0.0020
1,1,1-Trichloroethane (Methyl chloroform)	< 0.00050	**0.0016**	< 0.00050	< 0.0020
Trichloroethene	< 0.00050	< 0.0010	< 0.00050	< 0.0020
Xylenes, Total	< 0.0010	< 0.0020	< 0.0010	< 0.0040
Total Petroleum Hydrocarbons				
TPH-Diesel	----	----	----	----
TPH-Residual (Oil and Grease)	----	----	----	----

Notes:
Results shown in milligrams per liter (mg/L).
bgs = below ground surface
---- = not analyzed

TABLE 3.16
Historical Soil Analytical Data for Parcel O-4
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	Acetone (mg/kg)	Freon 113 (mg/kg)	Methylene Chloride (mg/kg)	Antimony (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Total Chromium (mg/kg)	Hexavalent Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	pH
O-4	028	Unknown[a]	112-01-0001	0.0	2/22/1984	SM	**5**	**0.004**	**0.058**													**8.4**
O-4	028		112-01-0001	1.0	2/22/1984	ML	<1	**0.0035**	<0.001													**8.4**
O-4	028		112-01-0001	2.0	2/22/1984	ML	<1	**0.0020**	<0.001													**7.8**
O-4	028 Cooling Tower	Waste Vault 04 Closure	ANT-TR-1	1.0	1/17/1995	NA				<1	**56**	**0.2**	**14**		**4**	**9**		**5**	**22**	**11**	**20**	
O-4	028 Cooling Tower		ANT-TR-2	1.0	1/17/1995	NA				**2**	**170**	**0.4**	**39**		**13**	**31**		**10**	**66**	**34**	**61**	
O-4	028 Cooling Tower		ANT-TR-3	1.0	1/17/1995	NA				**2**	**140**	**0.3**	**44**		**14**	**30**		**10**	**88**	**34**	**60**	
O-4	028 Cooling Tower		ANT-TR-4	1.0	1/17/1995	NA				**2**	**170**	**0.4**	**43**		**15**	**32**		**11**	**86**	**34**	**62**	
O-4	028	Industrial Wastewater (IW) Pipe Leak	459-01-001A[b]	2.0	1/20/1988	FILL							**230**	<1								
O-4	028		459-01-001B[b]	4.5	1/20/1988	CL							**75**	<1								
O-4	028		459-01-002[b]	6.0	7/23/1988	CL							**19**	<0.5		**30**	**37,000**		**150**		**120**	
O-4	028		459-01-003	5.5	7/23/1988	CL							**44**	<0.5		**42**	**39,000**		**150**		**98**	
O-4	028		459-01-003	9.0	7/23/1988	CL							**25**	<0.5		**32**	**33,000**		**130**		**71**	
O-4	028		459-01-004	5.5	7/23/1988	CL							**16**	<0.5		**30**	**50,000**		**150**		**100**	
O-4	028		459-01-004	9.0	7/23/1988	SM							**25**	<0.5		**32**	**42,000**		**180**		**100**	
O-4	028		459-01-005	5.5	7/23/1988	CL							**26**	<0.5		**41**	**31,000**		**140**		**82**	
O-4	028		459-01-005	9.0	7/23/1988	SM							**20**	<0.5		**34**	**27,000**		**150**		**63**	
O-4	028	Removal of Industrial Wastewater (IW) Pipelines	498-01-001	5.5	4/5/1989	ML							**46**	<1		**37**	**3,900**		**88**		**78**	
O-4	028		498-01-002	5.5	4/5/1989	ML							**45**	<1		**44**	**31,000**		**110**		**88**	
O-4	028		498-01-003	5.5	4/5/1989	ML							**12**	<1		**2**	**2,800**		**22**		**1,200**	
O-4	028		498-01-004	5.5	4/5/1989	ML							**7**	<1		**3**	**2,200**		**13**		**230**	
O-4	028		498-01-005	5.5	4/5/1989	ML							**22**	<1		**8**	**6,100**		**44**		**210**	
O-4	028		498-01-006	5.5	4/5/1989	ML							**4**	<1		**2**	**2,800**		**9**		**780**	
O-4	028		498-01-007	5.5	4/5/1989	ML							**46**	<1		**33**	**2,600**		**120**		**98**	
O-4	028		498-01-008	5.5	4/5/1989	ML							**41**	<1		**47**	**23,000**		**110**		**180**	
O-4	028		498-01-009	5.5	4/5/1989	ML							**39**	<1		**5**	**28,000**		**39**		**950**	
O-4	028		498-01-010	3.0	4/5/1989	ML							**230**	<1		**6**	**23,000**		**1,800**		**800**	
O-4	028		498-01-011	2.5	4/5/1989	ML							**75**	<1		**35**	**21,000**		**440**		**98**	
O-4	028		498-01-012	1.0	4/5/1989	ML							**140**	<1		**22**	**23,000**		**880**		**900**	
O-4	028		498-01-013	1.0	4/5/1989	ML							**77**	<1		**12**	**19,000**		**480**		**230**	
O-4	028		498-01-014	1.0	4/5/1989	ML							**410[c]**	**1.2[c]**		**7[c]**	**44,300[c]**		**2,200[c]**		**35[c]**	
O-4	028		498-01-015	1.0	4/5/1989	ML							**320[c]**	**1.8[c]**		**12[c]**	**36,000[c]**		**2,200[c]**		**630[c]**	
O-4	028		498-01-016	1.0	4/5/1989	ML							**43[c]**	<1[c]		**33[c]**	**33,000[c]**		**44[c]**		**93[c]**	
O-4	028		498-01-017	5.0	4/13/1989	ML							**41**	<1		**18**	**23,000**		**160**		**200**	
O-4	028		498-01-018	4.5	4/13/1989	ML							**54**	<1		**34**	**24,000**		**150**		**90**	
O-4	028		498-01-019	4.5	4/13/1989	ML							**140**	<1		**20**	**28,000**		**240**		**270**	
O-4	028		498-01-020	1.5	4/18/1989	ML							**48[c]**	<5[c]		**45[c]**	**14,000[c]**		**77[c]**		**120[c]**	
O-4	028		498-01-021	1.5	4/18/1989	FILL							**70[c]**	<1[c]		**12[c]**	**37,000[c]**		**2,100[c]**		**51[c]**	
O-4	028		498-01-022	1.5	4/18/1989	ML							**60[c]**	<1[c]		**43[c]**	**44,000[c]**		**90[c]**		**120[c]**	
O-4	028		498-01-023	1.5	4/18/1989	ML							**40[c]**	<5[c]		**54[c]**	**13,000[c]**		**100[c]**		**110[c]**	
O-4	028		498-01-024	1.5	4/18/1989	ML							**46[c]**	<5[c]		**61[c]**	**19,000[c]**		**84[c]**		**310[c]**	
O-4	028		498-01-025	1.5	4/18/1989	ML							**46[c]**	<1[c]		**61[c]**	**28,000[c]**		**110[c]**		**120[c]**	

Notes:
This table includes only constituents that were detected at least once in historical soil samples collected on Parcel O-4. If a constituent was analyzed for, but never detected, it is not included on this table.
A blank space indicates that the constituent was not analyzed for in that sample.
< indicates that the constituent was analyzed for, but not detected above the detection limit
CL = clay
mg/kg = milligrams per kilogram
ML = silt
NA = not available
SM = silty sand

[a] The reason for the soil investigation is unknown; however, the soil boring locations and analytical data are known.

[b] Samples were collected for the purpose of obtaining background concentrations

[c] Soil was excavated where this sample was collected.

Table 3.17
Soil Gas Sampling Results for Parcel O-4 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-TR-9	SG-TR-10	SG-TR-11	SG-TR-11 fixed-base lab	SG-TR-12	SG-TR-13	SG-TR-14	SG-TR-15	SG-TR-16	SG-TR-17	SG-TR-17 fixed-base lab	SG-TR-18	SG-028J-1
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near Building 028J
Sampling Date	11/17/2005	11/18/2005	11/18/2005	11/21/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/21/2005	11/18/2005	11/18/2005
Volatile Organic Compounds													
Benzene	< 0.080	< 0.080	< 0.080	**0.018**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.011**	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	**0.070**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0044	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080
Chloroform	< 0.080	**0.19**	**24**	**20**	**12**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0034	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	**0.036**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	**0.89**	**0.75**	**0.31**	< 0.080	< 0.080	< 0.080	**0.096**	< 0.080	< 0.0028	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	**0.033**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0091**	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0079	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**1.2**	**1.1**	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.0035	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0034	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	**0.53**	**0.32**	**0.57**	< 0.080	< 0.080	**0.20**	< 0.080	**0.097**	**0.065**	< 0.080	< 0.080
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	**0.014**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.017**	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.0047	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0047	< 0.080	< 0.080
Toluene	< 0.080	**0.10**	**0.11**	**0.085**	**0.16**	**0.26**	**0.12**	**0.12**	**0.12**	< 0.080	**0.021**	**0.23**	**0.13**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	**1.1**	**1.2**	**0.57**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0038	< 0.080	< 0.080
Trichloroethene	< 0.080	< 0.080	**0.15**	**0.19**	**0.35**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0037	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080
m,p-Xylene	**0.12**	**0.13**	**0.12**	**0.14**	**0.10**	**0.15**	**0.14**	**0.16**	< 0.080	< 0.080	**0.037**	< 0.080	**0.16**
o-Xylene	**0.15**	< 0.080	< 0.080	**0.046**	< 0.080	< 0.080	< 0.080	< 0.080	**0.15**	**0.092**	**0.018**	**0.25**	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	< 5.0	< 5.0	**22**	----	**14**	**26***	< 5.0	< 5.0	< 5.0	< 5.0	----	< 5.0	**6.4**
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	< 10	< 0.038	< 10	< 10	< 10	< 10	< 10	< 10	**6.4**	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
E = Concentration exceeds the calibration range of
analytical limits

Table 3.17
Soil Gas Sampling Results for Parcel O-4 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-028J-2	SG-028J-2 fixed-base lab	SG-028J-3 1 Purge Vol.	SG-028J-3 3 Purge Vol.	SG-028J-3 7 Purge Vol.	SG-028J-4	SG-028J-4 duplicate	SG-028J-5	SG-028J-6	SG-028J-7	SG-028J-8	SG-028J-9	SG-028J-9 duplicate
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	5	5	5	5	5
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	11/18/2005	11/21/2005	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/13/2007	3/13/2007	3/13/2007
Volatile Organic Compounds													
Benzene	< 0.080	< 0.011	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.17**	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.022	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.0090	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	**0.23**	< 0.017	**18**	**18**	**19**	**4.5**	**4.3**	**0.36**	**3.9**	**2.3**	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.014	**0.34**	**0.29**	**0.32**	< 0.080	< 0.080	< 0.080	**0.36**	< 0.080	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.014	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.015	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.039	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.017	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**0.22**	< 0.053	**0.40**	**0.31**	**0.42**	**0.56**	**0.54**	**0.12**	**0.26**	**0.44**	< 0.080	< 0.080	< 0.080
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.048	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.023	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	**0.088**	< 0.013	**0.27**	< 0.20	**0.24**	**0.24**	< 0.20	**0.38**	**0.34**	**0.38**	**1.2**	< 0.20	< 0.20
1,1,1-Trichloroethane (Methyl chloroform)	**0.36**	**0.088**	**0.63**	**0.59**	**0.66**	**0.18**	**0.17**	< 0.080	**0.38**	**0.22**	< 0.080	< 0.080	< 0.080
Trichloroethene	< 0.080	< 0.019	**0.26**	**0.26**	**0.29**	**0.17**	**0.17**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.0080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.10**	< 0.030	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.21**	**0.20**	**0.23**	**0.36**	< 0.20	< 0.20
o-Xylene	< 0.080	< 0.015	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	< 5.0	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound													
1,1-Difluoroethane	< 10	**370**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
E = Concentration exceeds the calibration range of
analytical limits

Table 3.17
Soil Gas Sampling Results for Parcel O-4 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-028J-10	SG-028J-11	SG-028J-11 fixed-base lab	SG-028J-12	SG-028J-13	SG-028J-14	SG-028J-15	SG-028J-15 fixed-base lab	SG-028J-16	SG-028J-17	SG-028J-18	SG-028J-19	SG-028J-20
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5	4	5	3	3	3
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007
Volatile Organic Compounds													
Benzene	**0.14**	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	**0.0064**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	< 0.0033	----	----	----	----	< 0.0028	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.0054	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0045	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.0023	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0019	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.0042	< 0.080	**0.16**	< 0.080	< 0.080	< 0.0035	< 0.080	**1.6**	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.0035	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0029	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.0035	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0029	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.0034	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0029	**0.085**	< 0.080	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.0034	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0029	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	**0.23**	< 0.080	< 0.080	< 0.080	< 0.080	**0.036**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	**0.013**	< 0.080	< 0.080	< 0.080	< 0.080	**0.015**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	**0.0076**	< 0.080	< 0.080	< 0.080	**3.8**	**1.6**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.013	< 0.080	**0.20**	< 0.080	**0.21**	**0.23**	< 0.080	**0.41**	< 0.080	< 0.080	**0.15**
Freon 114 (Dichlorotetrafluoroethane)	----	----	< 0.024	----	----	----	----	< 0.020	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	**0.0031**	----	----	----	----	< 0.0015	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.059	< 0.080	< 0.080	< 0.080	< 0.080	< 0.050	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.0058	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0049	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	**0.89**	**0.28**	**1.2**	**0.24**	< 0.20	< 0.20	< 0.20	**0.12**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	< 0.0047	**0.081**	**0.15**	< 0.080	< 0.080	**0.011**	**0.20**	< 0.080	< 0.080	< 0.080	< 0.080
Trichloroethene	< 0.080	< 0.080	< 0.0046	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0039	< 0.080	**0.090**	< 0.080	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	**0.37**	----	----	----	----	**0.087**	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	**0.12**	----	----	----	----	**0.020**	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.0022	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	**0.26**	< 0.20	**1.0**	< 0.20	< 0.20	< 0.20	< 0.20	**0.16**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
o-Xylene	< 0.080	< 0.080	**0.32**	< 0.080	< 0.080	< 0.080	< 0.080	**0.062**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons													
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound													
1,1-Difluoroethane	< 10	< 10	----	< 10	< 10	< 10	< 10	----	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
E = Concentration exceeds the calibration range of
analytical limits

Table 3.17
Soil Gas Sampling Results for Parcel O-4 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-028J-21	SG-028J-22	SG-028J-23	SG-028J-24	SG-028J-25	SG-DD-06	SG-DD-06 fixed-base lab
Sample Depth (feet bgs)	5	4	4	5	5	5	5
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Core Area	Near Core Area
Sampling Date	3/14/2007	3/15/2007	3/15/2007	3/15/2007	3/15/2007	5/17/2006	5/17/2006
Volatile Organic Compounds							
Benzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0092**
Bromomethane (Methyl bromide)	----	----	----	----	----	----	< 0.0054
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0088
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0037
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0068
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0057
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0055
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.082**
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	**0.38**	< 0.080	< 0.080	< 0.080	< 0.016
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0069
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.080	**0.092**	< 0.080	< 0.080	< 0.021
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	< 0.039
Methyl chloride (Chloromethane)	----	----	----	----	----	----	< 0.0029
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	**0.14**	< 0.080	< 0.080	< 0.080	< 0.019
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0095
Toluene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.20**	**0.18**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0076
Trichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0075
1,2,4-Trimethylbenzene	----	----	----	----	----	----	**0.18**
1,3,5-Trimethylbenzene	----	----	----	----	----	----	**0.042**
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0036
m,p-Xylene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.20**	**0.36**
o-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.14**
Total Petroleum Hydrocarbons							
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	**36**	----
Leak Check Compound							
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	**2.2** E

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample
results were qualified by the laboratory as containing
high concentrations of pinene. Pinene compounds
are naturally occurring and are mainly associated
with resins from pine and other coniferous trees.
When present in soil gas samples, these compounds
tend to interfere with analysis of TVH. The qualified
data have not been used in the risk evaluation.
E = Concentration exceeds the calibration range of
analytical limits

Table 3.18
Soil Gas Sampling Results for Parcel O-4 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-TR-9	SG-TR-10	SG-TR-11	SG-TR-12	SG-TR-13	SG-TR-14	SG-TR-15	SG-TR-16	SG-TR-17	SG-TR-18	SG-028J-1	SG-028J-1 duplicate	SG-028J-2	SG-028J-3
Sample Depth (feet bgs)	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Area	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near buried concrete trench	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	11/17/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	11/18/2005	3/12/2007
Volatile Organic Compounds														
Benzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	**34**	**16**	**0.45**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.23**	**28**
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	**1.2**	**0.42**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.47**
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**3.5**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	**0.56**	**0.60**	**0.14**	< 0.080	**0.23**	**0.21**	**0.31**	< 0.080	**0.091**	**0.080**	**0.23**	**0.61**
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	< 0.080	**0.091**	**0.094**	< 0.080	**0.14**	**0.25**	**0.097**	**0.10**	**0.26**	**0.11**	**0.095**	**0.14**	< 0.080	**0.25**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	**1.4**	**0.68**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.20**	**0.19**	**0.37**	**0.93**
Trichloroethene	< 0.080	< 0.080	**0.33**	**0.62**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.55**
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	< 0.080	**0.12**	**0.12**	< 0.080	**0.17**	**0.20**	**0.13**	< 0.080	< 0.080	< 0.080	**0.12**	**0.17**	**0.090**	< 0.20
o-Xylene	**0.093**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.13**	**0.26**	**0.13**	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	< 5.0	< 5.0	**29**	**16**	**63***	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	----
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.18
Soil Gas Sampling Results for Parcel O-4 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-028J-4	SG-028J-5	SG-028J-5 fixed-base lab	SG-028J-6	SG-028J-7	SG-028J-8	SG-028J-9	SG-028J-10	SG-028J-11	SG-028J-12	SG-028J-13	SG-028J-14	SG-028J-15	SG-028J-16
Sample Depth (feet bgs)	10	10	10	10	10	10	10	10	10	10	10	10	10	9
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/12/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/13/2007	3/14/2007	3/14/2007
Volatile Organic Compounds														
Benzene	< 0.080	< 0.080	**0.0095**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	< 0.003	----	----	----	----	----	----	----	----	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	**0.0055**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.0021	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Chloroform	**7.9**	**1.8**	**1.4**	**9.4**	**3.1**	**1.2**	< 0.080	< 0.080	< 0.080	**0.16**	**1.1**	< 0.080	< 0.080	**0.094**
1,1-Dichloroethane	< 0.080	< 0.080	< 0.0032	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.0032	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	**0.087**	< 0.080	< 0.0031	**0.53**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.0031	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	**0.063**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	**0.011**	< 0.080	< 0.080	< 0.080	< 0.080	**0.98**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	**0.023**	< 0.080	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**2.1**	< 0.080
Freon 113 (Trichlorotrifluoroethane)	**0.69**	**0.14**	**0.19**	**0.40**	**0.33**	**0.20**	< 0.080	< 0.080	< 0.080	< 0.080	**0.29**	< 0.080	**0.18**	< 0.080
Freon 114 (Dichlorotetrafluoroethane)	----	----	< 0.022	----	----	----	----	----	----	----	----	----	----	----
Methyl chloride (Chloromethane)	----	----	< 0.0016	----	----	----	----	----	----	----	----	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.054	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	**0.14**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Toluene	**0.30**	< 0.20	**0.19**	**0.36**	**0.25**	< 0.20	**0.24**	**0.31**	**0.24**	**0.32**	**0.21**	< 0.20	< 0.20	< 0.20
1,1,1-Trichloroethane (Methyl chloroform)	**0.29**	< 0.080	**0.080**	**0.57**	**0.20**	< 0.080	< 0.080	< 0.080	< 0.080	**0.12**	**0.27**	< 0.080	< 0.080	< 0.080
Trichloroethene	**0.28**	< 0.080	**0.012**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.17**	< 0.080	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	**0.15**	----	----	----	----	----	----	----	----	----	----	----
1,3,5-Trimethylbenzene	----	----	**0.034**	----	----	----	----	----	----	----	----	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.0020	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
m,p-Xylene	< 0.20	< 0.20	**0.28**	**0.21**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
o-Xylene	< 0.080	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons														
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound														
1,1-Difluoroethane	< 10	< 10	----	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.18
Soil Gas Sampling Results for Parcel O-4 (10-15 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-028J-16 duplicate	SG-028J-17	SG-028J-18	SG-028J-19	SG-028J-20	SG-028J-21	SG-028J-22	SG-028J-23	SG-028J-23 fixed-base lab	SG-028J-24	SG-028J-25	SG-028J-25 duplicate
Sample Depth (feet bgs)	9	10	8	10	10	10	8	10	10	10	10	10
Area	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J	Near Building 028J
Sampling Date	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/14/2007	3/15/2007	3/15/2007	3/15/2007	3/15/2007	3/15/2007	3/15/2007
Volatile Organic Compounds												
Benzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.11**	< 0.080	**0.0098**	< 0.080	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	----	----	----	< 0.0027	----	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0044	< 0.080	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080	< 0.080
Chloroform	**0.11**	**2.7**	< 0.080	< 0.080	**0.92**	< 0.080	< 0.080	**0.28**	**0.28**	< 0.080	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0028	< 0.080	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.053**	< 0.080	< 0.080	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.025**	< 0.080	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0055**	< 0.080	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	**0.35**	< 0.080	< 0.080	**0.24**	< 0.080	< 0.080	**0.099**	**0.11**	< 0.080	< 0.080	< 0.080
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	----	----	----	< 0.020	----	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	----	----	----	< 0.0014	----	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.049	< 0.080	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.024**	< 0.080	< 0.080	< 0.080
Toluene	< 0.20	< 0.20	**0.34**	< 0.20	< 0.20	< 0.20	**0.74**	**0.28**	**0.16**	< 0.20	< 0.20	< 0.20
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.0085**	< 0.080	< 0.080	< 0.080
Trichloroethene	< 0.080	**0.11**	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0038	< 0.080	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	----	----	----	**0.13**	----	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	----	----	----	**0.031**	----	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.0018	< 0.080	< 0.080	< 0.080
m,p-Xylene	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	**0.21**	< 0.20	**0.25**	< 0.20	< 0.20	< 0.20
o-Xylene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.092**	< 0.080	< 0.080	< 0.080
Total Petroleum Hydrocarbons												
Total Volatile Hydrocarbons (TVH)	----	----	----	----	----	----	----	----	----	----	----	----
Leak Check Compound												
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	----	< 10	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
TVH = Total Volatile Hydrocarbons
---- = not analyzed
* = TVH result from uncharacteristic peak. Sample results were qualified by the laboratory as containing high concentrations of pinene. Pinene compounds are naturally occurring and are mainly associated with resins from pine and other coniferous trees. When present in soil gas samples, these compounds tend to interfere with analysis of TVH. The qualified data have not been used in the risk evaluation.

Table 3.19
Soil Sampling Results for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	RaleighRd-S1	SOIL-B051-EL1,2	SOIL-B051-EL3	B051-PL-S1	5-1	5-2	5-3	5-4	5-5	5-6	5-7	5-8	5-9	5-10	5-11
Sample Depth (feet bgs)	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
Area	Raleigh Road	Passenger Elevators in Building 051	Loading Dock Elevator in Building 051	Building 051 Parking Lot	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)
Sampling Date	3/7/2007	4/9/2007	4/9/2007	4/26/2007	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004
Volatile Organic Compounds															
Acetone	< 0.046	----	----	**0.11**	----	----	----	----	----	----	----	----	----	----	----
Chloroform	< 0.0046	----	----	< 0.0050	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	< 0.0092	----	----	< 0.010	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	< 0.0046	----	----	< 0.0050	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	< 0.0046	----	----	< 0.0050	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons															
TPH-Diesel	**20**	**2.3**	**3.3**	**2.6**	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	**69**	< 50	< 50	< 49	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides															
Chlordane (Technical)	----	----	----	----	< 0.050	< 0.050	< 0.050	< 0.050	< 0.25	< 0.050	< 0.050	< 0.25	< 0.25	< 0.25	< 0.25
alpha-Chlordane	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
gamma-Chlordane	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Dieldrin	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
DDD	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
DDE	----	----	----	----	**0.024**	**0.0065**	**0.0021**	**0.021**	**0.082**	**0.014**	**0.040**	**0.11**	**0.25**	**0.23**	**0.26**
DDT	----	----	----	----	**0.0092**	**0.0045**	< 0.0020	**0.0079**	**0.015**	**0.0080**	**0.015**	**0.030**	**0.026**	**0.031**	**0.030**
Endosulfan I	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Endrin	----	----	----	----	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.010
Toxaphene	----	----	----	----	< 0.035	< 0.035	< 0.035	< 0.035	< 0.18	< 0.035	< 0.035	< 0.18	< 0.18	< 0.18	< 0.18
Metals															
Antimony	< 1.9	< 2.0	< 1.9	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Arsenic	**6.5**	**7.0**	**6.6**	**6.9**	**5.8**	**6.6**	**5.8**	**6.0**	**6.7**	**5.2**	**6.5**	**6.8**	**7.3**	**7.1**	**7.1**
Barium	**170**	**150**	**160**	**150**	**150**	**170**	**160**	**150**	**190**	**130**	**160**	**170**	**170**	**160**	**180**
Beryllium	**0.77**	**0.52**	**0.50**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	< 0.48	< 0.49	< 0.49	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chromium (total)	**44**	**42**	**56**	**97**	**50**	**51**	**60**	**62**	**42**	**210**	**110**	**99**	**59**	**40**	**51**
Cobalt	**12**	**11**	**12**	**16**	**11**	**13**	**12**	**13**	**11**	**25**	**17**	**20**	**13**	**11**	**12**
Copper	**31**	**32**	**31**	**29**	**28**	**32**	**31**	**33**	**26**	**24**	**29**	**31**	**34**	**32**	**31**
Lead	**11**	**17**	**16**	**18**	**9.7**	**8.5**	**12**	**9.1**	**8.7**	**9.9**	**10**	**15**	**19**	**22**	**18**
Mercury	**0.093**	**0.060**	**0.060**	**0.064**	**0.075**	**0.072**	**0.073**	**0.094**	**0.10**	**0.093**	**0.084**	**0.12**	**0.12**	**0.14**	**0.080**
Molybdenum	< 0.96	< 0.98	< 0.97	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Nickel	**66**	**63**	**77**	**160**	**80**	**82**	**83**	**97**	**61**	**410**	**180**	**210**	**99**	**67**	**84**
Silver	< 0.96	< 0.98	< 0.97	< 0.99	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium	**33**	**34**	**33**	**31**	**34**	**36**	**37**	**37**	**34**	**32**	**36**	**36**	**39**	**34**	**35**
Zinc	**53**	**56**	**53**	**49**	**51**	**57**	**57**	**55**	**51**	**42**	**53**	**54**	**60**	**57**	**63**
Soil Properties															
pH	----	----	----	**7.20**	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

Table 3.19
Soil Sampling Results for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	5-12	5-13	5-14	5-15	5-16	5-17	5-18	5-19	5-20	5-21	5-22	5-22 duplicate	5-23	5-24	5-24
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.5
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)
Sampling Date	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/12/2004	10/11/2004	10/11/2004	10/12/2004	10/12/2004	10/22/2004
Volatile Organic Compounds															
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons															
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides															
Chlordane (Technical)	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.050
alpha-Chlordane	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020
gamma-Chlordane	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020
Dieldrin	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	**0.046**	< 0.0020
DDD	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020
DDE	**0.28**	**0.19**	**0.31**	**0.28**	**0.16**	**0.19**	**0.36**	**0.12**	**0.15**	**0.16**	**0.19**	**0.12**	< 0.010	**0.27**	< 0.0020
DDT	**0.024**	**0.022**	**0.032**	**0.032**	**0.025**	**0.028**	**0.035**	**0.015**	**0.030**	**0.031**	**0.022**	**0.016**	**0.017**	**0.037**	< 0.0020
Endosulfan I	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	**0.13**	< 0.010	< 0.0020
Endrin	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.0020
Toxaphene	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.35	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.10
Metals															
Antimony	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	----
Arsenic	**7.1**	**6.4**	**7.2**	**8.2**	**7.5**	**7.3**	**8.3**	**6.1**	**6.8**	**8.2**	**6.0**	**8.2**	**6.8**	**5.9**	----
Barium	**170**	**150**	**170**	**190**	**170**	**170**	**190**	**170**	**160**	**180**	**170**	**200**	**170**	**130**	----
Beryllium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	----
Cadmium	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	**0.51**	< 0.50	< 0.50	< 0.50	< 0.50	**0.53**	< 0.50	< 0.50	----
Chromium (total)	**38**	**49**	**49**	**46**	**47**	**46**	**54**	**41**	**44**	**47**	**43**	**49**	**40**	**190**	----
Cobalt	**11**	**11**	**12**	**12**	**12**	**12**	**14**	**11**	**12**	**13**	**11**	**13**	**11**	**24**	----
Copper	**32**	**30**	**34**	**40**	**36**	**39**	**34**	**32**	**33**	**38**	**31**	**35**	**31**	**28**	----
Lead	**15**	**18**	**19**	**23**	**21**	**22**	**19**	**8.4**	**13**	**22**	**11**	**20**	**14**	**12**	----
Mercury	**0.093**	**0.079**	**0.098**	**0.10**	**0.13**	**0.12**	**0.079**	**0.078**	**0.12**	**0.093**	**0.12**	**0.19**	**0.084**	**0.064**	----
Molybdenum	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	----
Nickel	**60**	**76**	**80**	**73**	**68**	**71**	**100**	**64**	**69**	**74**	**68**	**71**	**65**	**330**	----
Silver	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	----
Vanadium	**35**	**32**	**37**	**40**	**39**	**38**	**37**	**36**	**37**	**36**	**36**	**40**	**33**	**30**	----
Zinc	**53**	**62**	**59**	**75**	**62**	**66**	**60**	**54**	**59**	**67**	**56**	**65**	**53**	**45**	----
Soil Properties															
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.19
Soil Sampling Results for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	5-24A	5-24A	5-24B	5-24B	5-24C	5-24C	5-24D	5-24D	5-25	5-26	5-27	5-28	5-28	5-28A	5-28A
Sample Depth (feet bgs)	0	2.5	0	2.5	0	2.5	0	2.5	0	0	0	0	2.5	0	2.5
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)
Sampling Date	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/24/2004	10/12/2004	10/12/2004	10/12/2004	10/12/2004	10/22/2004	10/22/2004	10/22/2004
Volatile Organic Compounds															
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons															
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides															
Chlordane (Technical)	< 0.25	< 0.050	< 0.50	< 0.050	< 0.25	< 0.050	< 0.050	< 0.050	< 0.25	< 0.25	< 0.25	< 0.20	----	----	----
alpha-Chlordane	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
gamma-Chlordane	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
Dieldrin	**0.019**	< 0.0020	**0.21**	< 0.0020	**0.019**	< 0.0020	**0.017**	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
DDD	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
DDE	**0.12**	< 0.0020	**0.38**	< 0.0020	**0.12**	< 0.0020	**0.056**	< 0.0020	**0.097**	**0.14**	**0.15**	**0.21**	----	----	----
DDT	**0.020**	< 0.0020	**0.072**	< 0.0020	**0.019**	< 0.0020	**0.013**	< 0.0020	**0.016**	**0.020**	**0.014**	**0.036**	----	----	----
Endosulfan I	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
Endrin	< 0.010	< 0.0020	< 0.020	< 0.0020	< 0.010	< 0.0020	**0.0026**	< 0.0020	< 0.010	< 0.010	< 0.010	< 0.020	----	----	----
Toxaphene	< 0.50	< 0.10	< 1.0	< 0.10	< 0.50	< 0.10	< 0.10	< 0.10	< 0.18	< 0.18	< 0.18	< 0.35	----	----	----
Metals															
Antimony	----	----	----	----	----	----	----	----	< 2.0	< 2.0	< 2.0	< 2.0	----	----	----
Arsenic	----	----	----	----	----	----	----	----	**7.9**	**7.8**	**7.9**	**22**	**6.6**	**10**	**7.3**
Barium	----	----	----	----	----	----	----	----	**180**	**170**	**180**	**190**	----	----	----
Beryllium	----	----	----	----	----	----	----	----	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----
Cadmium	----	----	----	----	----	----	----	----	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	**63**	**79**	**45**	**56**	----	----	----
Cobalt	----	----	----	----	----	----	----	----	**14**	**14**	**13**	**15**	----	----	----
Copper	----	----	----	----	----	----	----	----	**35**	**35**	**36**	**41**	----	----	----
Lead	----	----	----	----	----	----	----	----	**17**	**20**	**18**	**18**	----	----	----
Mercury	----	----	----	----	----	----	----	----	**0.067**	**0.13**	**0.072**	**0.21**	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	< 1.0	< 1.0	< 1.0	< 1.0	----	----	----
Nickel	----	----	----	----	----	----	----	----	**93**	**100**	**73**	**84**	----	----	----
Silver	----	----	----	----	----	----	----	----	< 1.0	< 1.0	< 1.0	< 1.0	----	----	----
Vanadium	----	----	----	----	----	----	----	----	**37**	**36**	**36**	**41**	----	----	----
Zinc	----	----	----	----	----	----	----	----	**65**	**65**	**61**	**82**	----	----	----
Soil Properties															
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.19
Soil Sampling Results for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	5-28B	5-28B	5-28C	5-28C	5-28D	5-28D	5-29	5-30	5-31	5-36	5-37	5-38	B05	B06	B07	B08
Sample Depth (feet bgs)	0	2.5	0	2.5	0	2.5	0	0	0	0	0	0	0	0	0	0
Area	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Current Orchard Areas (2004)	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/22/2004	10/11/2004	10/12/2004	10/11/2004	10/11/2004	10/11/2004	10/11/2004	10/10/2005	10/10/2005	10/10/2005	10/10/2005
Volatile Organic Compounds																
Acetone	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons																
TPH-Diesel	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides																
Chlordane (Technical)	----	----	----	----	----	----	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.50	< 0.050
alpha-Chlordane	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
gamma-Chlordane	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
Dieldrin	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
DDD	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
DDE	----	----	----	----	----	----	**0.11**	**0.057**	**0.16**	**0.12**	**0.16**	**0.083**	**0.026**	< 0.010	**0.13**	< 0.0020
DDT	----	----	----	----	----	----	**0.016**	< 0.010	**0.025**	**0.013**	**0.021**	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
Endosulfan I	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
Endrin	----	----	----	----	----	----	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.020	< 0.0020
Toxaphene	----	----	----	----	----	----	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.50	< 0.50	< 0.99	< 0.10
Metals																
Antimony	----	----	----	----	----	----	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	----	----	----	----
Arsenic	**9.2**	**7.9**	**6.0**	**6.5**	**17**	**7.8**	**6.8**	**7.1**	**8.2**	**6.5**	**6.0**	**6.3**	**6.1**	**7.6**	**8.7**	**7.8**
Barium	----	----	----	----	----	----	**160**	**160**	**200**	**190**	**190**	**190**	----	----	----	----
Beryllium	----	----	----	----	----	----	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	----	----	----	----
Cadmium	----	----	----	----	----	----	< 0.50	< 0.50	< 0.50	**0.50**	< 0.50	< 0.50	----	----	----	----
Chromium (total)	----	----	----	----	----	----	**44**	**41**	**45**	**47**	**45**	**46**	----	----	----	----
Cobalt	----	----	----	----	----	----	**11**	**11**	**12**	**12**	**12**	**12**	----	----	----	----
Copper	----	----	----	----	----	----	**32**	**32**	**32**	**33**	**33**	**33**	----	----	----	----
Lead	----	----	----	----	----	----	**17**	**17**	**15**	**18**	**11**	**8.6**	----	----	----	----
Mercury	----	----	----	----	----	----	**0.10**	**0.072**	**0.074**	**0.093**	**0.093**	**0.082**	----	----	----	----
Molybdenum	----	----	----	----	----	----	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	----	----	----	----
Nickel	----	----	----	----	----	----	**68**	**66**	**67**	**73**	**71**	**70**	----	----	----	----
Silver	----	----	----	----	----	----	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	----	----	----	----
Vanadium	----	----	----	----	----	----	**36**	**34**	**37**	**36**	**38**	**39**	----	----	----	----
Zinc	----	----	----	----	----	----	**58**	**57**	**59**	**62**	**59**	**56**	----	----	----	----
Soil Properties																
pH	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment Property are shown on this table.

Table 3.19
Soil Sampling Results for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B09	B10	B11	B12	B13	B14	B15	B18	B19	B34
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0
Area	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/10/2005	10/10/2005	10/10/2005	10/10/2005	10/11/2005	10/11/2005	10/11/2005	10/10/2005	10/10/2005	10/11/2005
Volatile Organic Compounds										
Acetone	----	----	----	----	----	----	----	----	----	----
Chloroform	----	----	----	----	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	----	----	----	----	----	----	----	----	----	----
1,1,2-Trichloroethane	----	----	----	----	----	----	----	----	----	----
Trichloroethene	----	----	----	----	----	----	----	----	----	----
Total Petroleum Hydrocarbons										
TPH-Diesel	----	----	----	----	----	----	----	----	----	----
TPH-Motor Oil	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides										
Chlordane (Technical)	< 0.25	< 0.25	< 0.050	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
alpha-Chlordane	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	< 0.0099
gamma-Chlordane	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	**0.013**
Dieldrin	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	< 0.0099
DDD	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	< 0.0099
DDE	< 0.010	**0.11**	**0.0023**	**0.017**	< 0.0099	**0.029**	**0.029**	< 0.0099	< 0.010	**0.022**
DDT	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	**0.018**
Endosulfan I	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	< 0.0099
Endrin	< 0.010	< 0.010	< 0.0020	< 0.0099	< 0.0099	< 0.010	< 0.0099	< 0.0099	< 0.010	< 0.0099
Toxaphene	< 0.50	< 0.50	< 0.10	< 0.50	< 0.50	< 0.50	< 0.49	< 0.50	< 0.50	< 0.49
Metals										
Antimony	----	----	----	----	----	----	----	----	----	----
Arsenic	**7.9**	**11**	**7.2**	**4.7**	**6.4**	**4.8**	**9.9**	**7.6**	**7.2**	**10**
Barium	----	----	----	----	----	----	----	----	----	----
Beryllium	----	----	----	----	----	----	----	----	----	----
Cadmium	----	----	----	----	----	----	----	----	----	----
Chromium (total)	----	----	----	----	----	----	----	----	----	----
Cobalt	----	----	----	----	----	----	----	----	----	----
Copper	----	----	----	----	----	----	----	----	----	----
Lead	----	----	----	----	----	----	----	----	----	----
Mercury	----	----	----	----	----	----	----	----	----	----
Molybdenum	----	----	----	----	----	----	----	----	----	----
Nickel	----	----	----	----	----	----	----	----	----	----
Silver	----	----	----	----	----	----	----	----	----	----
Vanadium	----	----	----	----	----	----	----	----	----	----
Zinc	----	----	----	----	----	----	----	----	----	----
Soil Properties										
pH	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed
Only constituents detected on Redevelopment
Property are shown on this table.

TABLE 3.20
Historical Soil Analytical Data for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TPH (mg/kg)	TPH-Diesel (mg/kg)
O-5	Hitachi GST Substation	1984 Diesel Fuel Spill	179-01-0001	0.0	10/26/1984	NA		2,200[a]
O-5	Hitachi GST Substation		179-01-0001	2.0	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0002	10.5	10/26/1984	SP		14
O-5	Hitachi GST Substation		179-01-0002	12.5	10/26/1984	SP		2.0
O-5	Hitachi GST Substation		179-01-0003	10.5	10/26/1984	SP		20
O-5	Hitachi GST Substation		179-01-0003	12.5	10/26/1984	SP		<1
O-5	Hitachi GST Substation		179-01-0004	10.5	10/26/1984	ML		11
O-5	Hitachi GST Substation		179-01-0004	12.5	10/26/1984	ML		4.0
O-5	Hitachi GST Substation		179-01-0005	10.5	10/26/1984	ML		14
O-5	Hitachi GST Substation		179-01-0005	12.5	10/26/1984	ML		3.0
O-5	Hitachi GST Substation		179-01-0006	0.0	10/26/1984	NA		4[a]
O-5	Hitachi GST Substation		179-01-0006	2.0	10/26/1984	CL		6.0
O-5	Hitachi GST Substation		179-01-0007	0.0	10/26/1984	NA		70[a]
O-5	Hitachi GST Substation		179-01-0007	2.0	10/26/1984	NA		2.0
O-5	Hitachi GST Substation		179-01-0007	0.9	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0008	0.0	10/26/1984	NA		1.0
O-5	Hitachi GST Substation		179-01-0008	4.5	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0008	9.5	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0009	0.0	10/26/1984	NA		3.0
O-5	Hitachi GST Substation		179-01-0009	2.0	10/26/1984	CL		2.0
O-5	Hitachi GST Substation		179-01-0010	0.0	10/26/1984	NA		<1[a]
O-5	Hitachi GST Substation		179-01-0010	4.5	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0010	9.5	10/26/1984	CL		1.0
O-5	Hitachi GST Substation		179-01-0011	0.0	10/26/1984	NA		900[a]
O-5	Hitachi GST Substation		179-01-0011	4.5	10/26/1984	ML		3,300[a]
O-5	Hitachi GST Substation		179-01-0011	9.5	10/26/1984	ML		15,000[a]
O-5	Hitachi GST Substation		179-01-0012	0.0	10/26/1984	MA		6
O-5	Hitachi GST Substation		179-01-0012	2.0	10/26/1984	CL		5
O-5	Hitachi GST Substation		179-01-0013	4.5	10/26/1984	CL		8[a]
O-5	Hitachi GST Substation		179-01-0013	6.5	10/26/1984	ML		9[a]
O-5	Hitachi GST Substation		179-01-0014	0.0	10/26/1984	CL		<1
O-5	Hitachi GST Substation		179-01-0014	2.0	10/26/1984	CL		10
O-5	Hitachi GST Substation		179-01-0015	0.0	10/26/1984	CL		1,500[a]
O-5	Hitachi GST Substation		179-01-0015	2.0	10/26/1984	CL		4.0
O-5	Hitachi GST Substation	1985 Diesel Fuel Spill	269-01-0001	3.3	9/24/1985	NA		<5
O-5	Hitachi GST Substation		269-01-0003	4.2	9/24/1985	ML		300
O-5	Hitachi GST Substation		269-01-0003	4.5	9/24/1985	ML	0.08	<5
O-5	Hitachi GST Substation		269-01-0003	5.7	9/24/1985	ML	0.06	<5
O-5	Hitachi GST Substation		269-01-0003	6.5	9/24/1985	ML	0.06	<5
O-5	Hitachi GST Substation		269-01-0003	9.6	10/10/1985	ML	<0.05	<5
O-5	Hitachi GST Substation		269-01-0004	14.2	9/27/1985	ML	<0.05	<5
O-5	Hitachi GST Substation		269-01-0005	11.7	9/27/1985	SP	0.05	<5
O-5	Hitachi GST Substation		269-01-0006	11.3	9/27/1985	ML	0.06	<5
O-5	Hitachi GST Substation		269-01-0007	12.4	9/27/1985	SP	<0.05	<5
O-5	Hitachi GST Substation		269-01-0008	13.4	9/27/1985	SP	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0009	13.7	9/27/1985	SW	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0011	16.4	10/9/1985	ML	<0.05[a]	<5
O-5	Hitachi GST Substation		269-01-0012	17.0	10/9/1985	ML	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0013	17.4	10/9/1985	ML	<0.05	<5
O-5	Hitachi GST Substation		269-01-0014	15.4	10/9/1985	SC	<0.05	<5
O-5	Hitachi GST Substation		269-01-0015	16.2	10/9/1985	ML	<0.05	<5
O-5	Hitachi GST Substation		269-01-0016	12.3	10/9/1985	ML	<0.05	<5
O-5	Hitachi GST Substation		269-01-0017	4.2	10/10/1985	SC		<5[a]
O-5	Hitachi GST Substation		269-01-0017	25.1	10/10/1985	SM	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0017	28.5	10/10/1985	CL	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0018	0.0	10/10/1985	ML	<0.05[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0019	4.2	10/17/1985	SW	0.54[a]	5[a]
O-5	Hitachi GST Substation		269-01-0019	10.0	10/17/1985	ML	26[a]	900[a]
O-5	Hitachi GST Substation		269-01-0019	14.5	10/17/1985	ML	45[a]	1,500[a]
O-5	Hitachi GST Substation		269-01-0019	18.8	10/17/1985	SM	60[a]	2,400[a]

TABLE 3.20
Historical Soil Analytical Data for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TPH (mg/kg)	TPH-Diesel (mg/kg)
O-5	Hitachi GST Substation	1985 Diesel Fuel Spill (continued)	269-01-0019	22.9	10/17/1985	ML	24[a]	1,200[a]
O-5	Hitachi GST Substation		269-01-0019	28.7	10/17/1985	SC	0.19[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0020	0.0	10/17/1985	SM	0.45	6.0
O-5	Hitachi GST Substation		269-01-0020	5.0	10/17/1985	ML	1	14
O-5	Hitachi GST Substation		269-01-0020	10.0	10/17/1985	ML	0.83	11
O-5	Hitachi GST Substation		269-01-0020	15.0	10/17/1985	ML	1.7	16
O-5	Hitachi GST Substation		269-01-0021	0.0	10/17/1985	SC	0.12[a]	5.0[a]
O-5	Hitachi GST Substation		269-01-0021	5.0	10/17/1985	CL	0.62[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0021	10.0	10/17/1985	ML	0.53[a]	<5[a]
O-5	Hitachi GST Substation		269-01-0021	15.0	10/17/1985	ML	0.20[a]	5.0[a]
O-5	Hitachi GST Substation		269-01-0021	20.0	10/17/1985	SM	0.64[a]	6.0[a]
O-5	Hitachi GST Substation		269-01-0022	7.2	3/24/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0022	13.2	3/24/1986	ML	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0022	19.2	3/24/1986	ML	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0022	25.2	3/24/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0022	28.2	3/24/1986	SM	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0023	7.7	3/24/1986	SP	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0023	13.7	3/24/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0023	19.7	3/24/1986	SM	10[a]	9,300[a]
O-5	Hitachi GST Substation		269-01-0023	25.7	3/24/1986	SM	1	10[a]
O-5	Hitachi GST Substation		269-01-0023	28.7	3/24/1986	SM	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0024	8.5	3/25/1986	SC	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0024	14.5	3/25/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0024	20.5	3/25/1986	SP	<1[a]	10,000[a]
O-5	Hitachi GST Substation		269-01-0024	26.5	3/25/1986	SM	<1[a]	95[a]
O-5	Hitachi GST Substation		269-01-0024	32.5	3/25/1986	CL	<1[a]	10[a]
O-5	Hitachi GST Substation		269-01-0025	06.0	3/25/1986	ML	<1	<10
O-5	Hitachi GST Substation		269-01-0025	11	3/25/1986	ML	<1	<10
O-5	Hitachi GST Substation		269-01-0025	17	3/25/1986	ML	<1	<10
O-5	Hitachi GST Substation		269-01-0025	21	3/25/1986	SM	<1	<10
O-5	Hitachi GST Substation		269-01-0026	03.0	3/26/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0026	09.0	3/26/1986	ML	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0026	15.0	3/26/1986	CL	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0026	21.0	3/26/1986	SM	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0026	27.0	3/26/1986	SM	<1[a]	<10[a]
O-5	Hitachi GST Substation		269-01-0027	03.0	3/26/1986	CL	<1	<10
O-5	Hitachi GST Substation		269-01-0028	6.0	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-01-0028	11.0	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-01-0028	15.5	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-01-0028	21.0	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-01-0028	26.0	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-01-0028	32.5	5/28/1986	NA		<10
O-5	Hitachi GST Substation		269-02-0029	15.5	2/2/1987	ML		<10
O-5	Hitachi GST Substation		269-02-0029	19.0	2/2/1987	ML		<10
O-5	Hitachi GST Substation		269-02-0029	24.0	2/2/1987	SM		<10
O-5	Hitachi GST Substation		269-02-0029	29.0	2/2/1987	SM		<10
O-5	Hitachi GST Substation		269-02-0029	34.0	2/2/1987	ML		<10
O-5	Hitachi GST Substation		269-02-0030	15.5	2/2/1987	ML		<10[a]
O-5	Hitachi GST Substation		269-02-0030	19.0	2/2/1987	ML		<10[a]
O-5	Hitachi GST Substation		269-02-0030	24.0	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0030	29.0	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0030	34.0	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0031	15.5	2/2/1987	ML		<10[a]
O-5	Hitachi GST Substation		269-02-0031	19	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0031	24.5	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0031	29	2/2/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0031	34	2/2/1987	ML		<10[a]

TABLE 3.20
Historical Soil Analytical Data for Parcel O-5
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parcel No.	Nearest Building	Reason for Investigation	Boring ID	Sample Depth	Date	Soil Type	TPH (mg/kg)	TPH-Diesel (mg/kg)
O-5	Hitachi GST Substation	1985 Diesel Fuel Spill (continued)	269-02-0032	16	2/3/1987	ML		<10
O-5	Hitachi GST Substation		269-02-0032	19	2/3/1987	SM		<10
O-5	Hitachi GST Substation		269-02-0032	24	2/3/1987	SM		<10
O-5	Hitachi GST Substation		269-02-0032	29	2/3/1987	SM		<10
O-5	Hitachi GST Substation		269-02-0032	34	2/3/1987	ML		<10
O-5	Hitachi GST Substation		269-02-0033	10	2/3/1987	NA		<10[a]
O-5	Hitachi GST Substation		269-02-0034	22	2/6/1987	NA		780[a]
O-5	Hitachi GST Substation		269-02-0035	23	2/6/1987	NA		<10
O-5	Hitachi GST Substation		269-02-0036	23.5	2/6/1987	NA		24
O-5	Hitachi GST Substation		269-02-0037	23	2/6/1987	NA		<10
O-5	Hitachi GST Substation		269-02-0038	29	2/9/1987	NA		<10[a]
O-5	Hitachi GST Substation		269-02-0039	29	2/9/1987	NA		<10
O-5	Hitachi GST Substation		269-02-0040	29	2/9/1987	NA		<10
O-5	Hitachi GST Substation		269-02-0041	18	2/18/1987	ML		<10[a]
O-5	Hitachi GST Substation		269-02-0041	25	2/18/1987	SM		190[a]
O-5	Hitachi GST Substation		269-02-0041	30	2/18/1987	SM		<10[a]
O-5	Hitachi GST Substation		269-02-0042	20	2/18/1987	ML		<10[a]
O-5	Hitachi GST Substation		269-02-0042	25.0	2/18/1987	SM		15[a]
O-5	Hitachi GST Substation		269-02-0042	30.0	2/18/1987	SM		<10[a]
O-5	Hitachi GST Substation	1990 Vault Removal	552-01-0013	12.5	1/10/1990	FILL		<10[a]
O-5	Hitachi GST Substation		552-01-0014	12.5	1/10/1990	FILL		20[a]
O-5	Hitachi GST Substation		552-01-0015	8.5	1/10/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-01-0016	8.5	1/10/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-01-0017	5.5	1/10/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0001	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0002	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0003	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0004	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0005	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0006	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0007	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0008	5.5	7/5/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0021	13.0	8/9/1990	FILL		15[a]
O-5	Hitachi GST Substation		552-03-0022	13.0	8/9/1990	FILL		320[a]
O-5	Hitachi GST Substation		552-03-0023	20.0	8/30/1990	ML-CL		<10
O-5	Hitachi GST Substation		552-03-0024	20.0	8/30/1990	ML-CL		<10

Notes:
This table includes only chemicals that were detected at least once in historical soil samples collected on Parcel O-5.
If a chemical was analyzed for, but never detected, it is not included on this table.
A blank space indicates that the chemical was not analyzed for in that sample.
< indicates that the chemical was analyzed for, but not detected above the detection limit
mg/kg = milligram per kilogram
CL = clay
CL-ML = silty clay
ML = silt
ML-CL = clayey silt
NA = not available
SM = silty sand
SP = poorly-graded sand
TPH = Total Petroleum Hydrocarbons

[a] Soil was excavated where this sample was collected.

Table 3.21
Soil Gas Sampling Results for Parcel O-5 (5 feet bgs)
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SG-DD-07	SG-DD-08	SG-DD-09	SG-DD-09 duplicate	SG-DD-10	SG-DD-10 fixed-base lab	SG-DD-11	SG-DD-12
Sample Depth (feet bgs)	5	5	5	5	5	5	5	5
Area	Near PG&E Substation	Near PG&E Substation	Near Core Area	Near Core Area	Near Core Area	Near Core Area	Near Core Area	Near Building 051
Sampling Date	5/17/2006	5/17/2006	5/17/2006	5/17/2006	5/17/2006	5/17/2006	5/17/2006	5/17/2006
Volatile Organic Compounds								
Benzene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	**0.024**	< 0.080	< 0.080
Bromomethane (Methyl bromide)	----	----	----	----	----	< 0.029	----	----
Carbon tetrachloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.047	< 0.080	< 0.080
Chloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.020	< 0.080	< 0.080
Chloroform	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.037	< 0.080	< 0.080
1,1-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.030	< 0.080	< 0.080
1,2-Dichloroethane	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.030	< 0.080	< 0.080
1,1-Dichloroethene (Ethylene dichloride)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.030	< 0.080	< 0.080
cis-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.030	< 0.080	< 0.080
trans-1,2-Dichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	----	< 0.080	< 0.080
Ethylbenzene	< 0.080	< 0.080	< 0.080	**0.081**	**0.10**	**0.095**	**0.12**	< 0.080
Freon 11 (Trichlorofluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.084	< 0.080	< 0.080
Freon 12 (Dichlorodifluoromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.037	< 0.080	< 0.080
Freon 113 (Trichlorotrifluoroethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.11	< 0.080	< 0.080
Freon 114 (Dichlorotetrafluoroethane)	----	----	----	----	----	**0.66**	----	----
Methyl chloride (Chloromethane)	----	----	----	----	----	< 0.015	----	----
Methylene chloride (Dichloromethane)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.10	< 0.080	< 0.080
Tetrachloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.051	< 0.080	< 0.080
Toluene	**0.27**	**0.16**	**0.24**	**0.27**	**0.37**	**0.24**	**0.42**	**0.18**
1,1,1-Trichloroethane (Methyl chloroform)	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.041	< 0.080	< 0.080
Trichloroethene	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.040	< 0.080	< 0.080
1,2,4-Trimethylbenzene	----	----	----	----	----	**0.17**	----	----
1,3,5-Trimethylbenzene	----	----	----	----	----	**0.038**	----	----
Vinyl Chloride	< 0.080	< 0.080	< 0.080	< 0.080	< 0.080	< 0.019	< 0.080	< 0.080
m,p-Xylene	**0.24**	**0.17**	**0.22**	**0.32**	**0.43**	**0.43**	**0.46**	**0.21**
o-Xylene	< 0.080	< 0.080	< 0.080	**0.11**	**0.14**	**0.16**	**0.15**	< 0.080
Total Petroleum Hydrocarbons								
Total Volatile Hydrocarbons (TVH)	**9.0**	**44**	**5.9**	**7.0**	**7.0**	----	**7.0**	**5.5**
Leak Check Compound								
1,1-Difluoroethane	< 10	< 10	< 10	< 10	< 10	< 0.081	< 10	< 10

Notes:
Results shown in milligrams per cubic meter (mg/m^3).
Samples analyzed by USEPA Method 8260B using
a mobile laboratory unless noted otherwise.
Fixed-base laboratory samples analyzed by
USEPA Method TO-14.
bgs = below ground surface
---- = not analyzed

Table 3.22
Soil Sampling Results for Endicott Blvd-Tucson Way
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SB1	SB1	SB1	SB1	SB1	SB2	SB2	SB2	SB2	SB2	SB3	SB3	SB3	SB3	SB3
Sample Depth (feet bgs)	5	10	15	20	25	5	10	15	20	25	5	10	15	20	25
Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area
Sampling Date	10/17/2005	10/17/2005	10/17/2005	10/17/2005	10/17/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005
Total Petroleum Hydrocarbons															
TPH-Shell Sol 140	< 1.0	< 1.0	< 1.0	< 0.99	< 0.99	< 0.99	< 1.0	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 0.99	< 0.99	< 0.99
TPH-Diesel	**1.3**	< 1.0	< 1.0	< 0.99	< 0.99	**3.3**	< 1.0	< 1.0	< 0.99	< 1.0	**4.8**	**1.1**	< 0.99	< 0.99	1.9
Organochlorine Pesticides															
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals															
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed

Table 3.22
Soil Sampling Results for Endicott Blvd-Tucson Way
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	SB4	SB4	SB4	SB4	SB4	SB5	SB5	SB5	SB5	SB5	SB6	SB6	SB6	SB6	SB6
Sample Depth (feet bgs)	5	10	15	20	25	5	10	15	20	25	5	10	15	20	25
Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area	Shell Sol Area
Sampling Date	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005	10/20/2005
Total Petroleum Hydrocarbons															
TPH-Shell Sol 140	< 1.0	< 1.0	< 1.0	< 0.99	< 0.99	< 0.99	< 1.0	< 1.0	< 1.0	< 0.99	**1.6**	< 0.99	< 0.99	< 0.99	**< 1.0**
TPH-Diesel	**2.0**	**2.1**	< 1.0	< 0.99	**1.8**	**7.5**	**1.8**	**1.7**	< 1.0	**1.0**	**19**	**5.6**	**1.0**	< 0.99	< 1.0
Organochlorine Pesticides															
Aldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Chlordane (Technical)	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
alpha-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
gamma-Chlordane	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Dieldrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDD	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDE	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
DDT	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endosulfan I	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Endrin	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Toxaphene	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
Metals															
Arsenic	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed

Table 3.22
Soil Sampling Results for Endicott Blvd-Tucson Way
Hitachi Global Storage Technologies, Inc.
San Jose, California

Sample ID	B59	B60	B61	B62	B63	B64	B65	B66	B67	B80
Sample Depth (feet bgs)	0	0	0	0	0	0	0	0	0	0
Area	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas	Former Orchard Areas
Sampling Date	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/14/2005	10/13/2005	10/17/2005
Total Petroleum Hydrocarbons										
TPH-Shell Sol 140	----	----	----	----	----	----	----	----	----	----
TPH-Diesel	----	----	----	----	----	----	----	----	----	----
Organochlorine Pesticides										
Aldrin	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
Chlordane (Technical)	< 0.25	< 0.25	< 0.25	< 0.25	< 0.049	< 0.050	< 0.050	< 0.25	< 0.050	< 0.25
alpha-Chlordane	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
gamma-Chlordane	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
Dieldrin	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
DDD	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	**0.0042**	< 0.010
DDE	**0.023**	**0.021**	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	**0.014**	**0.0050**	< 0.010
DDT	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
Endosulfan I	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
Endrin	< 0.0099	< 0.0099	< 0.0099	< 0.0099	< 0.0020	< 0.0020	< 0.0020	< 0.010	< 0.0020	< 0.010
Toxaphene	< 0.50	< 0.50	< 0.50	< 0.49	< 0.099	< 0.099	< 0.099	< 0.50	< 0.099	< 0.50
Metals										
Arsenic	**2.3**	< 0.97	**6.4**	**5.4**	**6.4**	**5.9**	**6.6**	**6.9**	**4.5**	**6.5**

Notes:
Results shown in milligrams per kilogram (mg/kg).
bgs = below ground surface
---- = not analyzed

TABLE 4.1
Chemicals of Potential Concern in Groundwater, Soil Gas, and Soil [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	CAS #	Environmental Media		
		Groundwater	Soil Gas	Soil
Volatile Organic Compounds (VOCs)				
Acetone	67-64-1	X		X
Benzene	71-43-2	X	X	
Bromomethane (Methyl bromide)	74-83-9		X	
2-Butanone	78-93-3	X		
Carbon tetrachloride	56-23-5	X	X	
Chloroethane	75-00-3	X	X	
Chloroform	67-66-3	X	X	X
Dibromofluoromethane	1868-53-7	X		
1,1-Dichloroethane	75-34-3	X	X	
1,2-Dichloroethane	107-06-2	X		
1,1-Dichloroethene (Ethylene dichloride)	75-35-4	X	X	
cis-1,2-Dichloroethene	156-59-2	X	X	
trans-1,2-Dichloroethene	156-60-5	X	X	
Ethylbenzene	100-41-4		X	
Freon 11 (Trichlorofluoromethane)	75-69-4		X	
Freon 12 (Dichlorodifluoromethane)	75-71-8	X	X	
Freon 113 (Trichlorotrifluoroethane)	76-13-1	X	X	X
Freon 114 (Dichlorotetrafluoroethane)	76-14-2		X	
Isopropanol	67-63-0	X		
Methyl chloride (Chloromethane)	74-87-3	X	X	
Methylene chloride (Dichloromethane)	75-09-2	X	X	X
Tetrachloroethene	127-18-4	X	X	
Toluene	108-88-3	X	X	
1,1,1-Trichloroethane (Methyl chloroform)	71-55-6	X	X	X
1,1,2-Trichloroethane	79-00-5	X		X
Trichloroethene	79-01-6	X	X	X
1,2,4-Trimethylbenzene	95-63-6		X	
1,3,5-Trimethylbenzene	108-67-8		X	
Vinyl chloride	75-01-4	X		
m,p-Xylene	106-42-3		X	
o-Xylene	95-47-6	X	X	
Xylenes, Total	1330-20-7	X		
Total Petroleum Hydrocarbons (TPH)				
TPH-Diesel	tphd	X		X
TPH-Motor Oil	tphr	X		X
TPH-Shell Sol 140	tphs	X		X
Total Volatile Hydrocarbons (TVH)	tvh		X	
Semi-Volatile Organic Compounds (SVOCs)				
Benzo(a)anthracene	56-55-3			X
Benzo(a)pyrene	50-32-8			X
Benzo(g,h,i)perylene	191-24-2			X
Chrysene	218-01-9			X
Diethylphthalate	84-66-2			X
Pyrene	129-00-0			X

TABLE 4.1
Chemicals of Potential Concern in Groundwater, Soil Gas, and Soil [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	CAS #	Environmental Media		
		Groundwater	Soil Gas	Soil
Pesticides				
Chlordane (Technical)	12789-03-6			X
alpha-Chlordane	5103-71-9			X
gamma-Chlordane	5103-74-2			X
Dieldrin	60-57-1			X
DDD	72-54-8			X
DDE	72-55-9			X
DDT	50-29-3			X
Endosulfan I	959-98-8			X
Endrin	72-20-8			X
Toxaphene	8001-35-2			X
Metals				
Antimony	7440-36-0			X
Arsenic	7440-38-2			X
Barium	7440-39-3			X
Beryllium	7440-41-7			X
Cadmium	7440-43-9			X
Chromium (VI)	18540-29-9	X		
Chromium (Total) [b]	7440-47-3	X		X
Cobalt	7440-48-4			X
Copper	7440-50-8			X
Iron	7439-89-6	X		X
Lead	7439-92-1			X
Mercury	7439-97-6			X
Molybdenum	7439-98-7			X
Nickel	7440-02-0			X
Silver	7440-22-4			X
Vanadium	7440-62-2			X
Zinc	7440-66-6			X
Anions				
Chloride	16887-00-6	X		X
Fluoride	16984-48-8			X
Nitrate	14797-55-8	X		X

Notes:

X = Chemical was detected in specified media.

[a] Includes all chemicals detected to date in groundwater, soil gas, and soil from areas of the Redevelopment Property that have not been excavated.

[b] Chromium measured as total chromium in site soil is assumed to be chromium (III).

TABLE 4.2
Intake Equations for Exposure via Inhalation of Vapors from Groundwater/Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

INHALATION INTAKE FACTOR,
NONCARCINOGENS:

$$IF = \frac{IR \times TF \times EF \times ED}{BW \times AT}$$

IF = Inhalation Intake Factor, liters (L) of water, cubic meters (m^3) of soil gas, or kilograms (kg) soil/kg body weight-day
IR = Inhalation Rate, m^3/day
TF = Transfer Factor, (milligrams [mg]/m^3)/(mg/L) for ground water, (mg/m^3)/(mg/m^3) for soil gas, or (mg/m^3)/(mg/kg) for soil[a]
EF = Exposure Frequency, days/year
ED = Exposure Duration, years
BW = Body weight, kg
AT = Averaging Time, days

INHALATION INTAKE FACTOR,
CARCINOGENS (Age Adjusted):

$$IF_{age-adj} = \frac{IR_{child} \times TF \times EF_{child} \times ED_{child}}{BW_{child} \times AT} + \frac{IR_{adult} \times TF \times EF_{adult} \times ED_{adult}}{BW_{adult} \times AT}$$

$IF_{age-adj}$ = Inhalation Intake Factor, age adjusted, L of water, m^3 of soil gas, or kg soil/kg body weight-day
IR_{child} = Inhalation Rate, Child, m^3/day
IR_{adult} = Inhalation Rate, Adult, m^3/day
TF = Transfer Factor, (mg/m^3)/(mg/L) for ground water, (mg/m^3)/(mg/m^3) for soil gas, or (mg/m^3)/(mg/kg) for soil[a]
EF_{child} = Child Exposure Frequency, days/year
EF_{adult} = Adult Exposure Frequency, days/year
ED_{child} = Child Exposure Duration, years
ED_{adult} = Adult Exposure Duration, years
BW_{child} = Child Body Weight, kg
BW_{adult} = Adult Body Weight, kg
AT = Averaging Time, days

Notes:
[a] Groundwater, soil gas, and soil transfer factors are presented in Tables 4.11, 4.12 and 4.13, respectively.

TABLE 4.3
Intake Equations for Exposure via Inhalation of Windbown Soil Particulates
Hitachi Global Storage Technologies, Inc.
San Jose, California

INHALATION INTAKE FACTOR,
NONCARCINOGENS:

$$IF = \frac{IR \times TC \times EF \times ED}{BW \times AT}$$

IF = Inhalation Intake Factor, kilogram (kg) soil/kg body weight-day
IR = Inhalation Rate, cubic meter (m^3)/day
TC = Transfer Coefficient (dust), (milligram [mg]/m^3)/(mg/kg)
EF = Exposure Frequency, days/year
ED = Exposure Duration, years
BW = Body weight, kg
AT = Averaging Time, days

INHALATION INTAKE FACTOR,
CARCINOGENS (Age Adjusted):

$$IF_{age-adj} = \frac{IR_{child} \times TC \times EF_{child} \times ED_{child}}{BW_{child} \times AT} + \frac{IR_{adult} \times TC \times EF_{adult} \times ED_{adult}}{BW_{adult} \times AT}$$

$IF_{age-adj}$ = Inhalation Intake Factor, age adjusted, kg soil/kg body weight-day
IR_{child} = Inhalation Rate, Child, m^3/day
IR_{adult} = Inhalation Rate, Adult, m^3/day
TF = Transfer Coefficient (dust), (mg/m^3)/(mg/kg)
EF_{child} = Child Exposure Frequency, days/year
EF_{adult} = Adult Exposure Frequency, days/year
ED_{child} = Child Exposure Duration, years
ED_{adult} = Adult Exposure Duration, years
BW_{child} = Child Body Weight, kg
BW_{adult} = Adult Body Weight, kg
AT = Averaging Time, days

TABLE 4.4
Intake Equations for Exposure via Incidental Ingestion of Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

SOIL INGESTION INTAKE FACTOR,
NONCARCINOGENS:

$$IF = \frac{IR \times CF \times EF \times ED}{BW \times AT}$$

IF	=	Ingestion Intake Factor, kilograms (kg) soil/kg body weight-day
IR	=	Ingestion Rate, milligrams (mg)/day
CF	=	Conversion Factor, kg/mg
EF	=	Exposure Frequency, days/year
ED	=	Exposure Duration, years
BW	=	Body weight, kg
AT	=	Averaging Time, days

SOIL INGESTION INTAKE FACTOR,
CARCINOGENS (Age Adjusted):

$$IF_{age-adj} = \frac{IR_{child} \times CF \times EF_{child} \times ED_{child}}{BW_{child} \times AT} + \frac{IR_{adult} \times CF \times EF_{adult} \times ED_{adult}}{BW_{adult} \times AT}$$

$IF_{age-adj}$	=	Ingestion Intake Factor, age adjusted, kg soil/kg body weight-day
IR_{child}	=	Ingestion Rate, Child, mg/day
IR_{adult}	=	Ingestion Rate, Adult, mg/day
CF	=	Conversion Factor, kg/mg
EF_{child}	=	Child Exposure Frequency, days/year
EF_{adult}	=	Adult Exposure Frequency, days/year
ED_{child}	=	Child Exposure Duration, years
ED_{adult}	=	Adult Exposure Duration, years
BW_{child}	=	Child Body Weight, kg
BW_{adult}	=	Adult Body Weight, kg
AT	=	Averaging Time, days

TABLE 4.5
Intake Equations for Exposure via Dermal Contact with Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

DERMAL INTAKE FACTOR,
NONCARCINOGENS:

$$IF = \frac{SA \times AF \times ABS \times CF \times EF \times ED}{BW \times AT}$$

IF = Dermal Intake Factor, kilogram (kg) soil/kg body weight-day
SA = Surface Area of Exposed Skin, square centimeters (cm^2)/day
AF = Soil-to-Skin Adherence Factor, milligrams (mg)/cm^2
ABS = Absorption Factor (unitless)[a]
CF = Conversion Factor, kg/mg
EF = Exposure Frequency, days/year
ED = Exposure Duration, years
BW = Body weight, kg
AT = Averaging Time, days

DERMAL INTAKE FACTOR (Soil),
CARCINOGENS (Age Adjusted):

$$IF_{age-adj} = \frac{SA_{child} \times AF_{child} \times ABS \times CF \times EF_{child} \times ED_{child}}{BW_{child} \times AT} + \frac{SA_{adult} \times AF_{adult} \times ABS \times CF \times EF_{adult} \times ED_{adult}}{BW_{adult} \times AT}$$

$IF_{age-adj}$ = Dermal Intake Factor, age adjusted, kg soil/kg body weight-day
SA_{child} = Surface Area of Exposed Skin, Child, cm^2/day
SA_{adult} = Surface Area of Exposed Skin, Adult, cm^2/day
AF_{child} = Soil-to-Skin Adherence Factor, Child, mg/cm^2
AF_{adult} = Soil-to-Skin Adherence Factor, Adult, mg/cm^2
ABS = Absorption Factor (unitless)[a]
CF = Conversion Factor, kg/mg
EF_{child} = Child Exposure Frequency, days/year
EF_{adult} = Adult Exposure Frequency, days/year
ED_{child} = Child Exposure Duration, years
ED_{adult} = Adult Exposure Duration, years
BW_{child} = Child Body Weight, kg
BW_{adult} = Adult Body Weight, kg
AT = Averaging Time, days

Notes:
[a] Soil absorption factors are presented in Table 4.7.

TABLE 4.6
Exposure Assumptions
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parameter	Symbol	Potentially Exposed Populations											
		Construction Worker		Commercial Worker		Resident				Park Visitor			
						Adult		Child		Adult		Child	
Target Risk	TR	1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06	
Target Hazard Quotient	HI	1		1		1		1		1		1	
Inhalation of Vapors and Particulates													
Inhalation Rate (m^3/hour)	IR_{hour}	2.5	a,b	2.5	a	0.83	a	0.42	a	1.6	c	1.2	c
Inhalation Rate (m^3/day)	IR_{day}	20	a,b	20	a	20	a	10	a	3.2	d	2.4	d
Transfer Coefficient [Dust] (mg/m^3)/(mg/kg)	PEF	6.90E-07	e	7.60E-10	a	7.60E-10	a	7.60E-10	a	7.60E-10	f	7.60E-10	f
Exposure Time (hours/day)	ET	8	g	8	g	24	g	24	g	2	h	2	h
Exposure Frequency (days/year)	EF	125	i	250	a	350	a	350	a	100	j	100	j
Exposure Duration (years)	ED	1	k	25	a	30	a	6	a	30	f	6	f
Exposure Duration (years) - Age-Adjusted	$ED_{age-adj}$	NA		NA		24	l	6	l	24	l	6	l
Body Weight (kg)	BW	70	a	70	a	70	a	15	a	70	f	15	f
Averaging Time for Carcinogens (days)	AT_c	25,550		25,550		25,550		25,550		25,550		25,550	
Averaging Time (chronic) for Noncarcinogens (days)	AT_{nc}	365		9,125		10,950		2,190		10,950		2,190	
Dermal Contact with Soil													
Surface Area (cm^2/day)	SA	5,700	m	3,300	a	5,700	a	2,800	a	5,700	l	2,800	l
Adherence Factor (mg/cm^2)	AF	0.8	m	0.2	a	0.07	n	0.2	a	0.07	l	0.2	l
Absorption Factor (unitless)	ABS	See Table 4.7		See Table 4.7		See Table 4.7		See Table 4.7		See Table 4.7		See Table 4.7	
Exposure Frequency (days/year)	EF	125	i	250	a	350	a	350	a	100	j	100	j
Exposure Duration (years)	ED	1	k	25	a	30	a	6	a	30	f	6	f
Exposure Duration (years) - Age-Adjusted	$ED_{age-adj}$	NA		NA		24	l	6	l	24	l	6	l
Body Weight (kg)	BW	70	a	70	a	70	a	15	a	70	f	15	f
Averaging Time for Carcinogens (days)	AT_c	25,550		25,550		25,550		25,550		25,550		25,550	
Averaging Time (chronic) for Noncarcinogens (days)	AT_{nc}	365		9,125		10,950		2,190		10,950		2,190	
Conversion Factor (kg/mg)	CF1	1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06	
Ingestion of Soil													
Ingestion Rate (mg/day)	IR	330	b	100	a	100	a	200	a	100	f	200	f
Exposure Frequency (days/year)	EF	125	i	250	a	350	a	350	a	100	j	100	j
Exposure Duration (years)	ED	1	k	25	a	30	a	6	a	30	f	6	f
Exposure Duration (years) - Age-Adjusted	$ED_{age-adj}$	NA		NA		24	l	6	l	24	l	6	l
Body Weight (kg)	BW	70	a	70	a	70	a	15	a	70	f	15	f
Averaging Time for Carcinogens (days)	AT_c	25,550		25,550		25,550		25,550		25,550		25,550	
Averaging Time (chronic) for Noncarcinogens (days)	AT_{nc}	365		9,125		10,950		2,190		10,950		2,190	
Conversion Factor (kg/mg)	CF1	1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06		1.0E-06	

Notes:

TABLE 4.6
Exposure Assumptions
Hitachi Global Storage Technologies, Inc.
San Jose, California

NA = Not applicable

[a] Cal/EPA (2005).
[b] USEPA (2002).
[c] For the recreational park visitors, inhalation rates were used from USEPA (1997a [Table 5-23]), by assuming moderate activity.
[d] Value represents hourly inhalation rate multiplied by exposure time.
[e] RWQCB-SF Bay (2005).
[f] Assumes corresponding resident value.
[g] USEPA (1991).
[h] It was assumed that park visitors will spend the same amount of time in a park as is identified in USEPA (1997b [Table 15-63]) for time spent playing on grass.
[i] It was assumed that the construction worker was exposed 5 days/week for 25 weeks per year.
[j] It was assumed that the park visitor is exposed 2 days/week for 50 weeks/years.
[k] An exposure duration of one year is assumed for a construction/maintenance worker who is involved in short-term work at the Site.
[l] For carcinogens, the 30 year residential and park visitor exposure duration is divided into 6 years of exposure as a 15-kg child and 24 years of exposure as an 70-kg adult.
[m] Cal/EPA (2000). Surface area corresponds to the head, hands, forearms, and lower legs.
[n] USEPA (2004).

Sources:

California Environmental Protection Agency (Cal/EPA). 2000. *Guidance of the Dermal Exposure Pathway* . Memorandum to Human and Ecological Risk Division. January 7 (Draft).
California Environmental Protection Agency (Cal/EPA). 2005. *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties.* Appendix 1. Sacramento, California. January.
Regional Water Quality Control Board - San Francisco Bay Region (RWQCB-SF). 2005. *Screening for Environmental Concerns at Sites with Contaminated Soils and Ground Water, Volume 1: Summary Tier 1 Lookup Tables. Interim Final. February* .
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United States Environmental Protection Agency (USEPA). 1997b. *Exposure Factors Handbook. Volume III - Activity Factors.* EPA/600/P-95/002Fc. August.
United States Environmental Protection Agency (USEPA). 2002. *Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites.* Office of Emergency and Remedial Response. OSWER 9355.4-24. December.
United States Environmental Protection Agency (USEPA). 2004. *USEPA Region 9 Preliminary Remediation Goals (PRGs) 2004* . San Francisco, CA. October.

TABLE 4.7
Dermal Absorption Fraction from Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Absorption Factor (unitless)	Source
Volatile Organic Compounds (VOCs)		
Acetone	0	a
Chloroform	0	a
Freon 113 (Trichlorotrifluoroethane)	0	a
Methylene chloride (Dichloromethane)	0	a
1,1,1-Trichloroethane (Methyl chloroform)	0	a
1,1,2-Trichloroethane	0	a
Trichloroethene	0	a
Total Petroleum Hydrocarbons (TPH)		
C5 to C8 Aliphatic	0.1	a, b
C9 to C18 Aliphatic	0.1	a, b
C19 to C32 Aliphatic	0.1	a, b
C9 to C16 Aromatic	0.13	a, b
C17 to C32 Aromatic	0.13	a, b
Semi-Volatile Organic Compounds (SVOCs)		
Benzo(a)anthracene	0.13	a
Benzo(a)pyrene	0.13	a
Benzo(g,h,i)perylene	0.13	a
Chrysene	0.13	a
Diethylphthalate	0.1	a
Pyrene	0.13	a
Pesticides		
Chlordane (Technical)	0.04	a
alpha-Chlordane	0.04	c
gamma-Chlordane	0.04	c
Dieldrin	0.1	a
DDD	0.03	d
DDE	0.03	d
DDT	0.03	a
Endosulfan I	0.1	a
Endrin	0.1	a
Toxaphene	0.1	a

TABLE 4.7
Dermal Absorption Fraction from Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Absorption Factor (unitless)	Source
Metals		
Antimony	0	a
Arsenic	0.03	a
Barium	0	a
Beryllium	0	a
Cadmium	0.001	a
Chromium (III)	0	a
Cobalt	0	a
Copper	0	a
Iron	0	a
Lead	0	a
Mercury	0	a
Molybdenum	0	a
Nickel	0	a
Silver	0	a
Vanadium	0	a
Zinc	0	a

Notes:

[a] USEPA (2004)

[b] Based on current advice from Cal/EPA, ENVIRON classified the C_5 to C_8 aliphatic, C_9 to C_{18} aliphatic, and C_9 to C_{16} aromatic TPH fractions as volatile. Since these TPH fractions are considered volatile, a dermal absorption fraction of zero was assigned based on USEPA 2004 guidance. Cal/EPA considers the C_{19} to C_{32} aliphatic and C_{17} to C_{32} aromatic fractions to have low volatility (i.e., semi-volatile).

[c] Value for chlordane used as a surrogate.

[d] Value for DDT used as a surrogate.

Source:

United States Environmental Protection Agency (USEPA). 2004. *Risk Assessment Guidance for Superfund Volume 1: Human Health Evaluation Manual. Part E, Supplemental Guidance for Dermal Risk Assessment* - Final. EPA/540/R/99/005. Washington, D.C. July.

TABLE 4.8
Intake Factors [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Exposure Scenario	Potentially Exposed Populations					
	Construction Worker	Commercial Worker	Adult Resident [b]	Child Resident [b]	Adult Park Visitor	Child Park Visitor
Carcinogenic						
Soil						
Inhalation of Soil Vapors (m^3/kg-day) [c]	1.40E-03	6.99E-02	9.39E-02	5.48E-02	4.29E-03	3.76E-03
Inhalation of Soil Particulates (kg/kg-day)	9.64E-10	5.31E-11	7.14E-11	4.16E-11	3.26E-12	2.86E-12
Ingestion of Soil (kg/kg-day)	2.31E-08	3.49E-07	4.70E-07	1.10E-06	1.34E-07	3.13E-07
Dermal Contact with Soil (kg/kg-day) [d]	3.19E-07	2.31E-06	1.87E-06	3.07E-06	5.35E-07	8.77E-07
Groundwater						
Inhalation of Groundwater Vapors (L/kg-day)	1.40E-03	6.99E-02	9.39E-02	5.48E-02	4.29E-03	3.76E-03
Noncarcinogenic						
Soil						
Inhalation of Soil Vapors (m^3/kg-day) [c]	9.78E-02	1.96E-01	2.74E-01	6.39E-01	1.25E-02	4.38E-02
Inhalation of Soil Particulates (kg/kg-day)	6.75E-08	1.49E-10	2.08E-10	4.86E-10	9.52E-12	3.33E-11
Ingestion of Soil (kg/kg-day)	1.61E-06	9.78E-07	1.37E-06	1.28E-05	3.91E-07	3.65E-06
Dermal Contact with Soil (kg/kg-day) [d]	2.23E-05	6.46E-06	5.47E-06	3.58E-05	1.56E-06	1.02E-05
Groundwater						
Inhalation of Groundwater Vapors (L/kg-day)	9.78E-02	1.96E-01	2.74E-01	6.39E-01	1.25E-02	4.38E-02

Notes:
kg = kilogram
L = liter
m^3 = cubic meter

[a] The values listed in this table are media specific intake factors (e.g., m^3 air / kg body weight per day or kg soil / kg body weight per day).

[b] For carcinogens, the 30 year residential and park visitor exposure durations are divided into six years of exposure as a child and 24 years of exposure as an adult. The intake factors associated with each exposure duration are summed to calculate the intake factor for the age-adjusted resident and park visitor.

[c] To calculate chemical specific ground water, soil gas, or soil intake factors via inhalation, multiply listed value by chemical specific groundwater-to-air, soil gas-to-air, or soil-to-air transfer coefficient listed in Tables 4.11, 4.12, and 4.13, respectively.

[d] To calculate chemical specific intake factors via dermal contact with soil, multiply listed value by chemical specific dermal absorption fraction listed in Table 4.7.

TABLE 4.9
Physical/Chemical Properties of Volatile Chemicals [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Molecular Weight MW (g/mol)	Organic Carbon Partition Coefficient, K_{oc} (cm^3/g)	Diffusivity in Air, D_a (cm^2/s)	Diffusivity in Water, D_w (cm^2/s)	Pure Component Water Solubility, S (mg/L)	Henry's Law Constant at 25° C H (atm-m^3/mol)	Normal Boiling Point, T_B (^oK)	Critical Temperature, T_C (^oK)	Enthalpy of Vaporization at the Normal Boiling Point, ΔHv,b (cal/mol)
Volatile Organic Compounds (VOCs)									
Acetone	58.08	5.75E-01	1.24E-01	1.14E-05	1.00E+06	3.88E-05	329.20	508.10	6.96E+03
Benzene	78.11	5.89E+01	8.80E-02	9.80E-06	1.75E+03	5.56E-03	353.24	562.16	7.34E+03
Bromomethane (Methyl bromide)	94.94	1.05E+01	7.28E-02	1.21E-05	1.52E+04	6.24E-03	276.71	467.00	5.71E+03
2-Butanone	72.11	2.30E+00	8.08E-02	9.80E-06	2.23E+05	5.58E-05	352.50	536.78	7.48E+03
Carbon tetrachloride	153.82	1.74E+02	7.80E-02	8.80E-06	7.93E+02	3.05E-02	349.90	556.60	7.13E+03
Chloroethane	64.51	4.40E+00	2.71E-01	1.15E-05	5.68E+03	8.80E-03	285.30	460.40	5.88E+03
Chloroform	119.38	3.98E+01	1.04E-01	1.00E-05	7.92E+03	3.66E-03	334.32	536.40	6.99E+03
Dibromofluoromethane [b]	191.83	3.50E+01	4.25E-02	1.10E-05	5.10E+03	1.95E-03	64.90	NA	NA
1,1-Dichloroethane	98.96	3.16E+01	7.42E-02	1.05E-05	5.06E+03	5.61E-03	330.55	523.00	6.90E+03
1,2-Dichloroethane	98.96	1.74E+01	1.04E-01	9.90E-06	8.52E+03	9.78E-04	356.65	561.00	7.64E+03
1,1-Dichloroethene (Ethylene dichloride)	96.94	5.89E+01	9.00E-02	1.04E-05	2.25E+03	2.61E-02	304.75	576.05	6.25E+03
cis-1,2-Dichloroethene	96.94	3.55E+01	7.36E-02	1.13E-05	3.50E+03	4.07E-03	333.65	544.00	7.19E+03
trans-1,2-Dichloroethene	96.94	5.25E+01	7.07E-02	1.19E-05	6.30E+03	9.39E-03	320.85	516.50	6.72E+03
Ethylbenzene	106.17	3.63E+02	7.50E-02	7.80E-06	1.69E+02	7.88E-03	409.34	617.20	8.50E+03
Freon 11 (Trichlorofluoromethane)	140.00	1.60E+02	1.00E-02	1.30E-05	1.10E+03	9.70E-02	NA	NA	NA
Freon 12 (Dichlorodifluoromethane)	120.91	4.57E+02	6.65E-02	9.92E-06	2.80E+02	3.42E-01	243.20	384.95	9.42E+03
Freon 113 (Trichlorotrifluoroethane)	187.37	1.11E+04	7.80E-02	8.20E-06	1.70E+02	4.80E-01	320.70	487.30	6.46E+03
Freon 114 (Dichlorotetrafluoroethane)	170.92	8.15E+02	4.53E-02	6.94E-06	1.30E+02	2.80E+00	276.80	418.70	5.57E+03
Isopropanol [c]	60.10	1.06E+00	1.03E-01	1.12E-05	1.00E+06	8.10E-06	355.30	508.00	1.08E+04
Methyl chloride (Chloromethane)	50.49	2.12E+00	1.26E-01	6.50E-06	5.33E+03	8.80E-03	249.00	416.25	5.11E+03
Methylene chloride (Dichloromethane)	84.93	1.17E+01	1.01E-01	1.17E-05	1.30E+04	2.19E-03	313.00	510.00	6.71E+03
Tetrachloroethene	165.83	1.55E+02	7.20E-02	8.20E-06	2.00E+02	1.84E-02	394.40	620.20	8.29E+03
Toluene	92.14	1.82E+02	8.70E-02	8.60E-06	5.26E+02	6.63E-03	383.78	591.79	7.93E+03
1,1,1-Trichloroethane (Methyl chloroform)	133.41	1.10E+02	7.80E-02	8.80E-06	1.33E+03	1.72E-02	347.24	545.00	7.14E+03
1,1,2-Trichloroethane	133.41	5.01E+01	7.80E-02	8.80E-06	4.42E+03	9.12E-04	386.15	602.00	8.32E+03
Trichloroethene	131.39	1.66E+02	7.90E-02	9.10E-06	1.10E+03	1.03E-02	360.36	544.20	7.51E+03
1,2,4-Trimethylbenzene	120.19	3.72E+03	7.50E-02	7.10E-06	5.70E+01	5.70E-03	442.40	650.00	1.08E+04
1,3,5-Trimethylbenzene	120.19	8.20E+02	7.50E-02	7.10E-06	4.80E+01	7.70E-03	437.89	639.00	1.14E+04
Vinyl chloride	62.50	1.86E+01	1.06E-01	1.23E-05	2.76E+03	2.71E-02	259.25	432.00	5.25E+03
m-Xylene [d]	106.17	4.07E+02	7.00E-02	7.80E-06	1.61E+02	7.34E-03	412.27	617.05	8.52E+03
o-Xylene	106.17	3.63E+02	8.70E-02	1.00E-05	1.78E+02	5.20E-03	417.60	630.30	8.66E+03
p-Xylene [d]	106.17	3.89E+02	7.69E-02	8.44E-06	1.85E+02	7.66E-03	411.52	616.20	8.53E+03

TABLE 4.9
Physical/Chemical Properties of Volatile Chemicals [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Molecular Weight MW (g/mol)	Organic Carbon Partition Coefficient, K_{oc} (cm^3/g)	Diffusivity in Air, D_a (cm^2/s)	Diffusivity in Water, D_w (cm^2/s)	Pure Component Water Solubility, S (mg/L)	Henry's Law Constant at 25° C H (atm-m^3/mol)	Normal Boiling Point, T_B (^oK)	Critical Temperature, T_C (^oK)	Enthalpy of Vaporization at the Normal Boiling Point, ΔHv,b (cal/mol)
Total Petroleum Hydrocarbons (TPH)[e]									
C5 to C8 Aliphatic	93.00	2.27E+03	8.00E-02	1.00E-05	1.10E+01	1.32E+00	NA	NA	1.14E+04
C9 to C18 Aliphatic	170.00	6.80E+05	7.00E-02	5.00E-06	1.00E-02	1.68E+00	NA	NA	5.88E+03
C9 to C16 Aromatic [f]	150.00	5.00E+03	6.00E-02	1.00E-05	5.80E+00	7.32E-04	NA	NA	NA
Semi-Volatile Organic Compounds (SVOCs)									
Pyrene	202.26	1.05E+05	2.72E-02	7.24E-06	1.35E-01	1.10E-05	667.95	936.00	1.44E+04

Notes:

atm-m^3/mol = atmosphere-cubic meter per mole
cm^3/g = cubic centimeter/gram
cm^2/s = square centimeter/second
g/mol = gram/mole
mg/L = milligrams/Liter
^oK = degrees Kelvin
cal/mol = calories per mole

[a] Volatile compounds defined by USEPA (1991) as chemicals with molecular weights below 200 g/mol and Henry's constant greater than 10^{-5} atm-m^3/mol. All properties from USEPA (2003), unless otherwise noted.

[b] Diffusivities in air and water were calculated according to USEPA (2001) using density from the CRC Handbook. All other properties from EPI Suit

[c] Diffusivities in air and water were calculated according to USEPA (2001) using density from the CRC Handbook. Critical temperature and enthalpy of vaporization from HSDB. All other properties from EPI Suite.

[d] Physical/chemical properties for p-xylene were used to represent the properties of mixed xylene isomers, including m,p-xylene and total xylenes.

[e] Values for TPH fractions taken from MADEP (2002)

[f] The values for the C_9 to C_{16} aromatic fraction correspond to values summarized for C_{11} to C_{22} aromatics in MADEP (2002) guidance.

Sources:

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Massachusetts Department of Environmental Protection (MADEP). 2002. *Characterizing Risks Posed by Petroleum Contaminated Sites: Implementation of the MADEP VPH/EPH Approach. Final Policy.* October.

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TABLE 4.10
Modeling Parameters
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parameter	Value	Units	Notes
Vadose Zone Parameters			
Depth to groundwater	15	feet	Site-specific estimate. Although current measurements indicate that the shallow groundwater depths are approximately 30 feet or deeper due to on-site groundwater extraction, a groundwater depth of 15 feet is considered to be the shallowest ground water level anticipated during the life of new structures after redevelopment (Woodward-Clyde 1993).
Depth to groundwater from 5-foot trench	10	feet	Engineering estimate. Assumes construction trench is 5 feet deep.
Depth to groundwater from 9-foot trench	6	feet	Engineering estimate. Assumes construction trench is 9 feet deep.
Depth to groundwater from 14-foot trench	1	feet	Engineering estimate. Assumes construction trench is 14 feet deep.
Soil gas sampling depths	5	feet	Depth at which shallow soil gas samples were recently collected.
	10	feet	Depth at which shallow soil gas samples were recently collected.
	15	feet	Depth at which deep soil gas samples were recently collected.
Depth to top of soil contamination	1	feet	Site-specific estimate. Assumes one foot of uncontaminated sandy fill between the surface and soil contamination.
Depth to bottom of soil contamination	40	feet	Site-specific estimate. Although current groundwater measurements on the Redevelopment Area indicate that the shallow groundwater depths are approximately 30 feet bgs, the deepest shallow groundwater level recently measured on the Redevelopment Area was approximately 39 feet bgs. This depth represents the deepest depth of shallow unsaturated soils on the Redevelopment Area.
Depth to bottom of soil contamination from 5-foot trench	35	feet	Engineering estimate. Assumes construction trench is 5 feet deep.
Depth to bottom of soil contamination from 9-foot trench	31	feet	Engineering estimate. Assumes construction trench is 9 feet deep.
Depth to bottom of soil contamination from 14-foot trench	26	feet	Engineering estimate. Assumes construction trench is 14 feet deep.
Soil/groundwater temperature	17	Celsius	Estimated average shallow groundwater temperature (USEPA 2004, Figure 8)
Soil organic carbon fraction	0.050	unitless	Average value from physical testing results (USEPA 2004)
USDA soil type in Horizon A (0 - 7 feet bgs)	Silty Clay	--	Site-specific estimate from Cone Penetrometer Testing
Bulk density	1.38	gram/centimeter^3	Default value for silty clay (USEPA 2004)
Total porosity	0.48	unitless	Default value for silty clay (USEPA 2004)
Water content	0.30	unitless	Average of the default values of saturated water content and residual water content for silty clay (USEPA 2004)
USDA soil type in Horizon B (7 - 12 feet bgs)	Loam	--	Site-specific estimate from boring logs and physical testing results
Bulk density	1.59	gram/centimeter^3	Average value from physical testing results (EW-1-10-1.5; EW-15-11-11.5; EW-10-8-8.5; EW-1-6.5-7)
Total porosity	0.41	unitless	Average value from physical testing results (EW-1-10-1.5; EW-15-11-11.5; EW-10-8-8.5; EW-1-6.5-7)
Water content	0.21	unitless	Average value from physical testing results (EW-1-10-1.5; EW-15-11-11.5; EW-10-8-8.5; EW-1-6.5-7)
USDA soil type in Horizon C (12 - 15 feet bgs)	Silty Clay Loam	--	Site-specific estimate from boring logs and physical testing results
Bulk density	1.59	gram/centimeter^3	Average value from physical testing results (EW-6-17-17.5; EW-10-16-16.5)
Total porosity	0.41	unitless	Average value from physical testing results (EW-6-17-17.5; EW-10-16-16.5)
Water content	0.33	unitless	Minimum value from physical testing results

TABLE 4.10
Modeling Parameters
Hitachi Global Storage Technologies, Inc.
San Jose, California

Parameter	Value	Units	Notes
Surface Barrier Parameters			
Indoor Air Scenarios			
Depth to bottom of foundation	15	centimeters	Default value (USEPA 2004; Cal/EPA 2005)
Foundation crack ratio	0.005	unitless	Default value (Cal/EPA 2005)
Average vapor flow rate into building	5	liters/minute	Default value (USEPA 2004; Cal/EPA 2005)
Foundation thickness	10	centimeters	Default value (USEPA 2004)
Outdoor Air Scenarios			
Ground cover crack ratio	1	unitless	Assumes no ground cover (bare soil)
Average vapor flow rate into park or trench	0	liters/minute	Assumes convective transport to outdoor air is negligible
Air Dispersion Parameters			
Residential Indoor Scenario			
Air exchange rate	0.5	1/hour	Residential default value (Cal/EPA 2005)
Length of building	10	meter	Default value (USEPA 2004)
Width of building	10	meter	Default value (USEPA 2004)
Mixing height of building	2.44 (8)	meter (feet)	Default value for one-story building (USEPA 2004)
Commercial Indoor Scenario			
Air exchange rate	1	1/hour	Commercial default value (Cal/EPA 2005)
Length of building	10	meter	Default value (USEPA 2004)
Width of building	10	meter	Default value (USEPA 2004)
Mixing height of building	3.05 (10)	meter (feet)	Engineering estimate
Outdoor Scenarios			
Outdoor air dispersion factor (Q/C)	46.03	grams/meter^2-second per kilogram/meter^3	Value for a 30 acre source in San Francisco, CA (USEPA 1996, Table 3)

Notes:
USDA: United States Department of Agriculture
USCS: Unified Soil Classification System

Sources:
California Environmental Protection Agency (Cal/EPA). 2005. Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air. Interim Final. Department of Toxic Substances Control. February 7.
United States Environmental Protection Agency (USEPA). 1996. *Soil Screening Guidance: Technical Background Document* Office of Solid Waste and Emergency Response. EPA/540/R95/128. May.
United States Environmental Protection Agency (USEPA). 2004. *User's Guide for Evaluating Subsurface Vapor Intrusion Into Buildings* Office of Emergency and Remedial Response. February 22.
Woodward-Clyde. 1993. Geotechnical Investigation, Chemical and Industrial Waste Piping Through IBM Cottle Road Plant, San Jose, California. January.

TABLE 4.11
Estimated Groundwater-to-Air Transfer Factors [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Groundwater Transfer Factors (mg/m^3) / (mg/L)					
	Indoor		Outdoor			
	Commercial Worker	Adult/Child Resident[b]	Construction Worker in 5-Foot Trench	Construction Worker in 9-Foot Trench	Construction Worker in 14-Foot Trench	Adult/Child Park Visitor
Volatile Organic Compounds (VOCs)						
Acetone	9.03E-05	2.26E-04	2.77E-06	4.70E-06	1.20E-04	1.70E-06
Benzene	3.67E-04	9.17E-04	6.51E-06	6.59E-06	2.18E-05	6.38E-06
2-Butanone	8.22E-05	2.05E-04	2.44E-06	4.10E-06	1.02E-04	1.50E-06
Carbon tetrachloride	3.54E-04	8.85E-04	6.17E-06	6.18E-06	1.92E-05	6.14E-06
Chloroethane	4.58E-04	1.14E-03	8.00E-06	8.02E-06	2.50E-05	7.96E-06
Chloroform	3.69E-04	9.23E-04	6.59E-06	6.70E-06	2.26E-05	6.43E-06
Dibromofluoromethane	3.60E-04	9.00E-04	6.82E-06	7.18E-06	2.97E-05	6.27E-06
1,1-Dichloroethane	3.89E-04	9.72E-04	6.93E-06	7.04E-06	2.36E-05	6.77E-06
1,2-Dichloroethane	3.17E-04	7.93E-04	6.09E-06	6.44E-06	2.72E-05	5.57E-06
1,1-Dichloroethene (Ethylene dichloride)	4.16E-04	1.04E-03	7.25E-06	7.27E-06	2.27E-05	7.22E-06
cis-1,2-Dichloroethene	4.07E-04	1.02E-03	7.36E-06	7.52E-06	2.64E-05	7.09E-06
trans-1,2-Dichloroethene	4.49E-04	1.12E-03	7.94E-06	8.02E-06	2.62E-05	7.80E-06
Freon 12 (Dichlorodifluoromethane)	5.37E-04	1.34E-03	9.32E-06	9.33E-06	2.87E-05	9.32E-06
Freon 113 (Trichlorotrifluoroethane)	5.86E-04	1.46E-03	1.02E-05	1.02E-05	3.12E-05	1.02E-05
Isopropanol	2.88E-05	7.20E-05	9.23E-07	1.93E-06	1.95E-04	5.91E-07
Methyl chloride (Chloromethane)	2.57E-04	6.43E-04	4.49E-06	4.51E-06	1.41E-05	4.47E-06
Methylene chloride (Dichloromethane)	4.10E-04	1.03E-03	7.52E-06	7.74E-06	2.83E-05	7.16E-06
Tetrachloroethene	3.21E-04	8.03E-04	5.61E-06	5.64E-06	1.77E-05	5.57E-06
Toluene	3.25E-04	8.14E-04	5.75E-06	5.80E-06	1.89E-05	5.66E-06
1,1,1-Trichloroethane (Methyl chloroform)	3.45E-04	8.62E-04	6.03E-06	6.05E-06	1.90E-05	5.99E-06
1,1,2-Trichloroethane	2.68E-04	6.70E-04	5.26E-06	5.66E-06	2.61E-05	4.70E-06
Trichloroethene	3.49E-04	8.72E-04	6.13E-06	6.18E-06	1.98E-05	6.06E-06
Vinyl chloride	4.94E-04	1.24E-03	8.62E-06	8.64E-06	2.69E-05	8.58E-06
o-Xylene	3.19E-04	7.96E-04	5.63E-06	5.69E-06	1.86E-05	5.54E-06
Xylenes, Total	3.70E-04	9.25E-04	6.60E-06	6.70E-06	2.25E-05	6.44E-06
Total Petroleum Hydrocarbons (TPH)						
C5 to C8 Aliphatic	1.43E-03	3.57E-03	2.48E-05	2.48E-05	7.62E-05	2.48E-05
C9 to C18 Aliphatic	1.36E-03	3.40E-03	2.36E-05	2.36E-05	7.24E-05	2.36E-05
C19 to C32 Aliphatic [c]	NA	NA	NA	NA	NA	NA
C9 to C16 Aromatic	2.94E-04	7.35E-04	5.87E-06	6.38E-06	3.12E-05	5.15E-06
C17 to C32 Aromatic [c]	NA	NA	NA	NA	NA	NA

Notes:
NA = Not applicable.
(mg/m^3)/(mg/L) = (milligrams per cubic meter) per (milligrams per Liter)

[a] Calculated using the Johnson and Ettinger Model

[b] Adult, Child, and Age-Adjusted Resident have the same transfer factor as the model assumes steady-state transport.

[c] Fraction not classified as volatile.

TABLE 4.12
Estimated Soil Gas-to-Air Transfer Factors [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Gas-to-Air Transfer Factors (mg/m^3) / (mg/m^3)											
	5-foot sample depth				10-foot sample depth				15-foot sample depth			
	Indoor		Outdoor		Indoor		Outdoor		Indoor		Outdoor	
	Commercial Worker	Adult/Child Resident[b]	Construction Worker in Trench[c]	Adult/Child Park Visitor	Commercial Worker	Adult/Child Resident[b]	Construction Worker in 9-Foot Trench	Adult/Child Park Visitor	Commercial Worker	Adult/Child Resident[b]	Construction Worker in 14-Foot Trench	Adult/Child Park Visitor
Volatile Organic Compounds (VOCs)												
Benzene	1.12E-04	2.80E-04	NA	2.19E-06	6.50E-05	1.62E-04	2.86E-07	1.21E-06	1.32E-05	3.31E-05	1.76E-06	2.33E-07
Bromomethane (Methyl bromide)	9.44E-05	2.36E-04	NA	1.81E-06	5.44E-05	1.36E-04	2.40E-07	9.99E-07	1.11E-05	2.77E-05	1.48E-06	1.95E-07
Carbon tetrachloride	1.00E-04	2.50E-04	NA	1.94E-06	5.79E-05	1.45E-04	2.39E-07	1.07E-06	1.12E-05	2.80E-05	1.47E-06	1.97E-07
Chloroethane	2.78E-04	6.95E-04	NA	6.72E-06	1.76E-04	4.39E-04	8.33E-07	3.71E-06	3.79E-05	9.49E-05	5.12E-06	6.85E-07
Chloroform	1.30E-04	3.24E-04	NA	2.59E-06	7.59E-05	1.90E-04	3.45E-07	1.43E-06	1.59E-05	3.96E-05	2.12E-06	2.80E-07
1,1-Dichloroethane	9.61E-05	2.40E-04	NA	1.85E-06	5.54E-05	1.39E-04	2.45E-07	1.02E-06	1.13E-05	2.83E-05	1.51E-06	1.99E-07
1,2-Dichloroethane	1.31E-04	3.27E-04	NA	2.62E-06	7.67E-05	1.92E-04	4.30E-07	1.44E-06	1.89E-05	4.72E-05	2.67E-06	3.34E-07
1,1-Dichloroethene (Ethylene dichloride)	1.14E-04	2.85E-04	NA	2.23E-06	6.62E-05	1.66E-04	2.77E-07	1.23E-06	1.29E-05	3.23E-05	1.70E-06	2.27E-07
cis-1,2-Dichloroethene	9.55E-05	2.39E-04	NA	1.84E-06	5.51E-05	1.38E-04	2.53E-07	1.01E-06	1.16E-05	2.91E-05	1.56E-06	2.04E-07
trans-1,2-Dichloroethene	9.19E-05	2.30E-04	NA	1.76E-06	5.29E-05	1.32E-04	2.28E-07	9.70E-07	1.06E-05	2.64E-05	1.40E-06	1.86E-07
Ethylbenzene	9.69E-05	2.42E-04	NA	1.86E-06	5.59E-05	1.40E-04	2.39E-07	1.03E-06	1.11E-05	2.78E-05	1.47E-06	1.95E-07
Freon 11 (Trichlorofluoromethane)	1.41E-05	3.53E-05	NA	2.48E-07	7.83E-06	1.96E-05	3.13E-08	1.37E-07	1.48E-06	3.69E-06	1.92E-07	2.56E-08
Freon 12 (Dichlorodifluoromethane)	8.67E-05	2.17E-04	NA	1.65E-06	4.98E-05	1.24E-04	2.02E-07	9.10E-07	9.48E-06	2.37E-05	1.24E-06	1.66E-07
Freon 113 (Trichlorotrifluoroethane)	1.00E-04	2.50E-04	NA	1.93E-06	5.79E-05	1.45E-04	2.36E-07	1.07E-06	1.11E-05	2.77E-05	1.45E-06	1.95E-07
Freon 114 (Dichlorotetrafluoroethane)	6.07E-05	1.52E-04	NA	1.12E-06	3.45E-05	8.61E-05	1.37E-07	6.20E-07	6.47E-06	1.62E-05	8.41E-07	1.13E-07
Methyl chloride (Chloromethane)	1.52E-04	3.81E-04	NA	3.13E-06	9.03E-05	2.26E-04	3.88E-07	1.73E-06	1.81E-05	4.51E-05	2.39E-06	3.19E-07
Methylene chloride (Dichloromethane)	1.27E-04	3.17E-04	NA	2.53E-06	7.42E-05	1.85E-04	3.63E-07	1.39E-06	1.64E-05	4.10E-05	2.24E-06	2.90E-07
Tetrachloroethene	9.32E-05	2.33E-04	NA	1.79E-06	5.37E-05	1.34E-04	2.23E-07	9.86E-07	1.04E-05	2.61E-05	1.37E-06	1.83E-07
Toluene	1.11E-04	2.77E-04	NA	2.16E-06	6.43E-05	1.61E-04	2.79E-07	1.19E-06	1.29E-05	3.23E-05	1.71E-06	2.27E-07
1,1,1-Trichloroethane (Methyl chloroform)	1.00E-04	2.51E-04	NA	1.94E-06	5.79E-05	1.45E-04	2.42E-07	1.07E-06	1.13E-05	2.83E-05	1.49E-06	1.98E-07
Trichloroethene	1.01E-04	2.54E-04	NA	1.96E-06	5.87E-05	1.47E-04	2.49E-07	1.08E-06	1.16E-05	2.90E-05	1.53E-06	2.04E-07
1,2,4-Trimethylbenzene	9.70E-05	2.42E-04	NA	1.87E-06	5.59E-05	1.40E-04	2.45E-07	1.03E-06	1.13E-05	2.84E-05	1.51E-06	1.99E-07
1,3,5-Trimethylbenzene	9.69E-05	2.42E-04	NA	1.86E-06	5.59E-05	1.40E-04	2.41E-07	1.03E-06	1.12E-05	2.80E-05	1.48E-06	1.96E-07
Vinyl chloride	1.31E-04	3.28E-04	NA	2.63E-06	7.71E-05	1.93E-04	3.25E-07	1.45E-06	1.52E-05	3.79E-05	2.00E-06	2.67E-07
m,p-Xylene	9.91E-05	2.48E-04	NA	1.91E-06	5.72E-05	1.43E-04	2.47E-07	1.05E-06	1.15E-05	2.87E-05	1.52E-06	2.02E-07
o-Xylene	1.11E-04	2.77E-04	NA	2.17E-06	6.43E-05	1.61E-04	2.87E-07	1.19E-06	1.33E-05	3.31E-05	1.77E-06	2.33E-07
Total Petroleum Hydrocarbons (TPH)												
C5 to C8 Aliphatic	1.02E-04	2.56E-04	NA	1.98E-06	5.93E-05	1.48E-04	2.42E-07	1.09E-06	1.14E-05	2.84E-05	1.49E-06	2.00E-07
C9 to C18 Aliphatic	9.08E-05	2.27E-04	NA	1.74E-06	5.23E-05	1.31E-04	2.12E-07	9.58E-07	9.96E-06	2.49E-05	1.30E-06	1.75E-07
C19 to C32 Aliphatic [d]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C9 to C16 Aromatic	9.10E-05	2.27E-04	NA	1.74E-06	5.24E-05	1.31E-04	2.21E-07	9.59E-07	1.03E-05	2.58E-05	1.36E-06	1.81E-07
C9 to C16 Aromatic	8.07E-05	2.02E-04	NA	1.53E-06	4.61E-05	1.15E-04	2.85E-07	8.39E-07	1.22E-05	3.06E-05	1.79E-06	2.15E-07
C17 to C32 Aromatic [d]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
NA = Not applicable.
(mg/m^3)/(mg/m^3) = (milligrams per cubic meter) per (milligrams per cubic meter)

[a] Calculated using the Johnson and Ettinger Model.
[b] Adult, Child, and Age-Adjusted Resident have the same transfer factor as the model assumes steady-state transport.
[c] Transfer factors for a construction worker in a trench were not calculated because the trench is assumed to be five feet deep (or deeper) and the soil gas probes are assumed to be five feet deep.
[d] Fraction not classified as volatile.

TABLE 4.13
Estimated Soil-to-Air Transfer Factors [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Transfer Factors (mg/m^3) / (mg/kg)								
	Indoor				Outdoor				
	Commercial Worker	Adult Resident	Child Resident[b]	Age-Adjusted Resident (Years 7-30)[c]	Temporary Construction Worker - 5 Foot Trench	Temporary Construction Worker - 9 Foot Trench	Adult Park Visitor	Child Park Visitor[b]	Age-Adjusted Park Visitor (Years 7-30)[c]
	25 years	30 year	6 years	24 years	1 year	1 year	30 years	6 years	24 years
Volatile Organic Compounds (VOCs)									
Acetone	2.13E-03	4.50E-03	6.88E-03	3.90E-03	7.14E-05	1.54E-04	3.69E-05	6.65E-05	2.95E-05
Chloroform	7.09E-03	3.28E-02	6.92E-02	2.37E-02	9.87E-04	1.72E-03	2.31E-04	4.96E-04	1.65E-04
Freon 113 (Trichlorotrifluoroethane)	4.29E-03	2.83E-02	5.97E-02	2.05E-02	8.15E-04	1.26E-03	1.98E-04	4.23E-04	1.42E-04
Methylene chloride (Dichloromethane)	9.33E-03	3.12E-02	6.57E-02	2.26E-02	9.28E-04	1.76E-03	2.20E-04	4.71E-04	1.57E-04
Pyrene	2.97E-08	6.15E-07	6.15E-07	6.15E-07	6.48E-09	3.86E-09	1.00E-08	1.00E-08	1.00E-08
1,1,1-Trichloroethane (Methyl chloroform)	8.42E-03	4.46E-02	9.59E-02	3.17E-02	1.41E-03	2.27E-03	3.11E-04	6.74E-04	2.20E-04
1,1,2-Trichloroethane	2.28E-03	1.23E-02	2.43E-02	9.36E-03	2.67E-04	4.97E-04	8.74E-05	1.76E-04	6.52E-05
Trichloroethene	5.04E-03	2.95E-02	6.23E-02	2.13E-02	8.58E-04	1.39E-03	2.07E-04	4.41E-04	1.48E-04

Notes:
NA = Not applicable.
(mg/m^3)/(mg/kg) = (milligram per cubic meter) per (milligram per kilogram)

[a] Calculated using the Johnson and Ettinger Model.

[b] Child resident and child park visitor transfer factors also used for years 0-6 of age-adjusted resident and age-adjusted park visitor.

[c] The age-adjusted transfer factors for residents and park visitors are calculated for years 7-30. As the model assumes a finite chemical source in soil, when a transfer factor equals zero it means that the source was depleted in years 0-6.

TABLE 4.14
Carcinogenic and Noncarcinogenic Toxicity Values
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Toxicity Values								
	Cancer Slope Factor (CSF) (mg/kg-day)$^{-1}$					Noncancer Reference Dose (RfD) mg/kg-day			
	Inhalation	Source	Oral	Source	USEPA Weight of Evidence	Inhalation	Source	Oral	Source
Volatile Organic Compounds (VOCs)									
Acetone	----		----		D	9.00E-01	a	9.00E-01	IRIS
Benzene	1.00E-01	Cal/EPA 2007	1.00E-01	Cal/EPA 2007	A	1.71E-02	Cal/EPA 2005a	4.00E-03	IRIS
Bromomethane (Methyl bromide)	----		----		D	1.40E-03	Cal/EPA 2005a	1.40E-03	IRIS
2-Butanone	----		----		D	1.43E+00	IRIS	6.00E-01	IRIS
Carbon tetrachloride	1.50E-01	Cal/EPA 2007	1.50E-01	Cal/EPA 2007	B2	1.14E-02	Cal/EPA 2005a	7.00E-04	IRIS
Chloroethane	----		2.90E-03	NCEA	----	2.90E+00	IRIS	4.00E-01	NCEA
Chloroform	1.90E-02	Cal/EPA 2007	3.10E-02	Cal/EPA 2007	B2	8.57E-02	Cal/EPA 2005a	1.00E-02	IRIS
Dibromofluoromethane	----		----			----		----	
1,1-Dichloroethane	5.70E-03	Cal/EPA 2007	5.70E-03	Cal/EPA 2007	C	1.40E-01	HEAST	1.00E-01	HEAST
1,2-Dichloroethane	7.20E-02	Cal/EPA 2007	4.70E-02	Cal/EPA 2007	B2	1.14E-01	Cal/EPA 2005a	2.00E-02	NCEA
1,1-Dichloroethene (Ethylene dichloride)	----		----		C	2.00E-02	Cal/EPA 2005a	5.00E-02	IRIS
cis-1,2-Dichloroethene	----		----		D	1.00E-02	a	1.00E-02	HEAST
trans-1,2-Dichloroethene	----		----		----	2.00E-02	a	2.00E-02	IRIS
Ethylbenzene	----		----		D	5.71E-01	Cal/EPA 2005a	1.00E-01	IRIS
Freon 11 (Trichlorofluoromethane)	----		----		----	2.00E-01	HEAST	3.00E-01	IRIS
Freon 12 (Dichlorodifluoromethane)	----		----		----	5.70E-02	HEAST	2.00E-01	IRIS
Freon 113 (Trichlorotrifluoroethane)	----		----		----	8.60E+00	HEAST	3.00E+01	IRIS
Freon 114 (Dichlorotetrafluoroethane)	----		----		----	8.60E+00	b	3.00E+01	b
Isopropanol	----		----		----	2.00E+00	Cal/EPA 2005a	2.00E+00	a
Methyl chloride (Chloromethane)	6.30E-03	HEAST	1.30E-02	HEAST	D	2.60E-02	IRIS	2.60E-02	a
Methylene chloride (Dichloromethane)	3.50E-03	Cal/EPA 2007	1.40E-02	Cal/EPA 2007	B2	1.14E-01	Cal/EPA 2005a	6.00E-02	IRIS
Tetrachloroethene	2.10E-02	Cal/EPA 2007	5.40E-01	Cal/EPA 2007	----	1.00E-02	Cal/EPA 2005a	1.00E-02	IRIS
Toluene	----		----		D	8.57E-02	Cal/EPA 2005a	8.00E-02	IRIS
1,1,1-Trichloroethane (Methyl chloroform)	----		----		D	2.86E-01	Cal/EPA 2005a	2.80E-01	NCEA
1,1,2-Trichloroethane	5.70E-02	Cal/EPA 2007	7.20E-02	Cal/EPA 2007	C	4.00E-03	a	4.00E-03	IRIS
Trichloroethene	7.00E-03	Cal/EPA 2007	1.30E-02	Cal/EPA 2007	----	1.71E-01	Cal/EPA 2005a	3.00E-04	NCEA
1,2,4-Trimethylbenzene	----		----		----	1.70E-03	PPRTV	5.00E-02	PPRTV
1,3,5-Trimethylbenzene	----		----		----	1.70E-03	PPRTV	5.00E-02	PPRTV
Vinyl chloride	2.70E-01	Cal/EPA 2007	2.70E-01	Cal/EPA 2007	A	2.86E-02	IRIS	3.00E-03	IRIS
m,p-Xylene	----		----		D	2.00E-01	Cal/EPA 2005a	2.00E-01	IRIS
o-Xylene	----		----		D	2.00E-01	Cal/EPA 2005a	2.00E-01	IRIS
Total Petroleum Hydrocarbons (TPH)									
C5 to C8 Aliphatic	----		----		----	5.71E-02	Cal/EPA 2005b	4.00E-02	Cal/EPA 2005b
C9 to C18 Aliphatic	----		----		----	8.57E-02	Cal/EPA 2005b	1.00E-01	Cal/EPA 2005b
C19 to C32 Aliphatic	----		----		----	----	Cal/EPA 2005b	2.00E+00	Cal/EPA 2005b
C9 to C16 Aromatic	----		----		----	1.43E-02	Cal/EPA 2005b	4.00E-02	Cal/EPA 2005b
C17 to C32 Aromatic	----		----		----	----	Cal/EPA 2005b	4.00E-02	Cal/EPA 2005b

TABLE 4.14
Carcinogenic and Noncarcinogenic Toxicity Values
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Toxicity Values								
	Cancer Slope Factor (CSF) (mg/kg-day)$^{-1}$					Noncancer Reference Dose (RfD) mg/kg-day			
	Inhalation	Source	Oral	Source	USEPA Weight of Evidence	Inhalation	Source	Oral	Source
Semi-Volatile Organic Compounds (SVOCs)									
Benzo(a)anthracene	3.90E-01	Cal/EPA 2007	1.20E+00	Cal/EPA 2007	B2	2.57E-03	c	2.00E-02	c
Benzo(a)pyrene	3.90E+00	Cal/EPA 2007	1.20E+01	Cal/EPA 2007	B2	2.57E-03	c	2.00E-02	c
Benzo(g,h,i)perylene	----		----		D	2.57E-03	c	2.00E-02	c
Chrysene	3.90E-02	Cal/EPA 2007	1.20E-01	Cal/EPA 2007	B2	2.57E-03	c	2.00E-02	c
Diethylphthalate	----		----		D	8.00E-01	IRIS	8.00E-01	IRIS
Pyrene	----		----		D	3.00E-02	a	3.00E-02	IRIS
Pesticides									
Chlordane (Technical)	1.20E+00	Cal/EPA 2007	1.30E+00	Cal/EPA 2007	B2	2.00E-04	IRIS	5.00E-04	IRIS
alpha-Chlordane	1.20E+00	d	1.30E+00	d	B2	2.00E-04	d	5.00E-04	d
gamma-Chlordane	1.20E+00	d	1.30E+00	d	B2	2.00E-04	d	5.00E-04	d
Dieldrin	1.60E+01	Cal/EPA 2007	1.60E+01	Cal/EPA 2007	B2	5.00E-05	a	5.00E-05	IRIS
DDD	2.40E-01	Cal/EPA 2007	2.40E-01	Cal/EPA 2007	B2	----		----	
DDE	3.40E-01	Cal/EPA 2007	3.40E-01	Cal/EPA 2007	B2	----		----	
DDT	3.40E-01	Cal/EPA 2007	3.40E-01	Cal/EPA 2007	B2	5.00E-04	a	5.00E-04	IRIS
Endosulfan I	----		----		----	6.00E-03	a	6.00E-03	IRIS (e)
Endrin	----		----		D	3.00E-04	a	3.00E-04	IRIS
Toxaphene	1.20E+00	Cal/EPA 2007	1.20E+00	Cal/EPA 2007	B2	----		----	
Metals									
Antimony	----		----		----	----		4.00E-04	IRIS
Arsenic	1.20E+01	Cal/EPA 2007	9.50E+00	Cal/EPA 2007	A	8.57E-06	Cal/EPA 2005a	3.00E-04	IRIS
Barium	----		----		D	1.40E-04	HEAST	2.00E-01	IRIS
Beryllium	8.40E+00	Cal/EPA 2007	----	f	B1	2.00E-06	Cal/EPA 2005a	2.00E-03	IRIS
Cadmium (Food)	1.50E+01	Cal/EPA 2007	----		B1	5.71E-06	Cal/EPA 2005a	1.00E-03	IRIS
Chromium (III)	----		----		D	----		1.50E+00	IRIS
Chromium (VI)	5.10E+02	Cal/EPA 2007	----	f	A (inh), D (oral)	5.71E-05	Cal/EPA 2005a	3.00E-03	IRIS
Cobalt	9.80E+00	PPRTV	----	f	----	5.70E-06	NCEA	2.00E-02	NCEA
Copper	----		----		D	----		4.00E-02	HEAST
Iron	----		----		----	----		3.00E-01	NCEA
Lead	----		----		B2	----		----	
Manganese	----		----		D	5.71E-05	Cal/EPA 2003b	1.40E-01	IRIS
Mercury	----		----		D	2.57E-05	Cal/EPA 2005a	3.00E-04	IRIS
Molybdenum	----		----		----	----		5.00E-03	IRIS
Nickel	9.10E-01	Cal/EPA 2007	----	f	A	1.43E-05	Cal/EPA 2005a	2.00E-02	IRIS (g)
Selenium	----		----		D	5.70E-03	Cal/EPA 2005a	5.00E-03	IRIS
Silver	----		----		D	----		5.00E-03	IRIS
Vanadium	----		----		----	----		1.00E-03	NCEA
Zinc	----		----		D	----		3.00E-01	IRIS

TABLE 4.14
Carcinogenic and Noncarcinogenic Toxicity Values
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Toxicity Values								
	Cancer Slope Factor (CSF) (mg/kg-day)$^{-1}$					Noncancer Reference Dose (RfD) mg/kg-day			
	Inhalation	Source	Oral	Source	USEPA Weight of Evidence	Inhalation	Source	Oral	Source
Anions									
Chloride	----		----		----	----		----	
Fluoride	----		----		----	----		6.00E-02	IRIS
Nitrate	----		----		----	----		1.60E+00	IRIS

Notes:
Cal/EPA = California Environmental Protection Agency
HEAST = Health Effects Assessment Summary Tables
IRIS = Integrated Risk Information System (USEPA 2007)
---- = no toxicity value
NCEA = National Center for Environmental Assessment
PPRTV = Provisional Peer Reviewed Toxicity Values (USEPA 2004)
USEPA = United States Environmental Protection Agency

[a] Route-to-route extrapolation
[b] Value for Freon 113 used as a surrogate for Freon 114
[c] Toxicity values for naphthalene used as a surrogate. RfDi and RfDo values obtained from Cal/EPA 2005b and IRIS, respectively.
[d] Value for chlordane used as a surrogate for alpha and gamma chlordane.
[e] Value for endosulfan used as a surrogate for endosulfan I, endosulfan II, endosulfan sulfate
[f] Not a known carcinogen via the oral route of exposure.
[g] Toxicity value listed is for nickel soluble salts.

Sources:
California Environmental Protection Agency (Cal/EPA). 2007. *Toxicity Criteria Database Cancer Slope Factors, Adopted by Office of Environmental Health Hazard Assessment (OEHHA)*. June.
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TABLE 4.15
Risk-Based Target Concentrations (RBTCs) for Groundwater
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Water Solubility Limit (mg/L) [a]	Carcinogenic RBTC (mg/L)					
		Construction Worker in 5-Foot Trench	Construction Worker in 9-Foot Trench	Construction Worker in 14-Foot Trench	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park Visitor
Volatile Organic Compounds (VOCs)							
Acetone	1.00E+06	----	----	----	----	----	----
Benzene	1.75E+03	1.10E+03	1.09E+03	3.29E+02	3.90E-01	7.33E-02	1.95E+02
2-Butanone	2.23E+05	----	----	----	----	----	----
Carbon tetrachloride	7.93E+02	7.73E+02	7.71E+02	2.48E+02	2.70E-01	5.07E-02	1.35E+02
Chloroethane	5.68E+03	----	----	----	----	----	----
Chloroform	7.92E+03	5.71E+03	5.62E+03	1.67E+03	2.04E+00	3.83E-01	1.02E+03
Dibromofluoromethane	5.10E+03	----	----	----	----	----	----
1,1-Dichloroethane	5.06E+03	1.81E+04	1.78E+04	5.31E+03	6.45E+00	1.21E+00	3.22E+03
1,2-Dichloroethane	8.52E+03	1.63E+03	1.54E+03	3.65E+02	6.26E-01	1.18E-01	3.10E+02
1,1-Dichloroethene (Ethylene dichloride)	2.25E+03	----	----	----	----	----	----
cis-1,2-Dichloroethene	3.50E+03	----	----	----	----	----	----
trans-1,2-Dichloroethene	6.30E+03	----	----	----	----	----	----
Freon 12 (Dichlorodifluoromethane)	2.80E+02	----	----	----	----	----	----
Freon 113 (Trichlorotrifluoroethane)	1.70E+02	----	----	----	----	----	----
Isopropanol	1.00E+06	----	----	----	----	----	----
Methyl chloride (Chloromethane)	5.33E+03	2.53E+04	2.52E+04	8.05E+03	8.83E+00	1.66E+00	4.41E+03
Methylene chloride (Dichloromethane)	1.30E+04	2.72E+04	2.64E+04	7.22E+03	9.97E+00	1.87E+00	4.95E+03
Tetrachloroethene	2.00E+02	6.07E+03	6.04E+03	1.92E+03	2.12E+00	3.99E-01	1.06E+03
Toluene	5.26E+02	----	----	----	----	----	----
1,1,1-Trichloroethane (Methyl chloroform)	1.33E+03	----	----	----	----	----	----
1,1,2-Trichloroethane	4.42E+03	2.38E+03	2.22E+03	4.81E+02	9.37E-01	1.76E-01	4.64E+02
Trichloroethene	1.10E+03	1.67E+04	1.65E+04	5.16E+03	5.86E+00	1.10E+00	2.93E+03
Vinyl chloride	2.76E+03	3.08E+02	3.07E+02	9.85E+01	1.07E-01	2.02E-02	5.36E+01
o-Xylene	1.78E+02	----	----	----	----	----	----
Xylenes, Total	1.85E+02	----	----	----	----	----	----
Total Petroleum Hydrocarbons (TPH)							
C5 to C8 Aliphatic	1.10E+01	----	----	----	----	----	----
C9 to C18 Aliphatic	1.00E-02	----	----	----	----	----	----
C19 to C32 Aliphatic	NV	----	----	----	----	----	----
C9 to C16 Aromatic	5.80E+00	----	----	----	----	----	----
C17 to C32 Aromatic	NV	----	----	----	----	----	----

Notes:
mg/L = milligram per Liter
---- = Not evaluated because chemical is not classified as a carcinogen.
NV = Not volatile. None of the receptors is directly exposed to groundwater; therefore non-volatile chemicals present in groundwater do not pose a significant risk to human health.

[a] In some cases, the chemical-specific RBTC calculated to protect human health exceeds the water solubility limit for the chemical. Because air concentrations at equilbrium with dissolved concentrations in groundwater cannot exceed those at the solubility limit, the RBTCs for these chemicals are effectively unlimited.

TABLE 4.15
Risk-Based Target Concentrations (RBTCs) for Groundwater
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Water Solubility Limit (mg/L) [a]	Non-Carcinogenic RBTC (mg/L)							
		Construction Worker in 5-Foot Trench	Construction Worker in 9-Foot Trench	Construction Worker in 14-Foot Trench	Commercial Worker	Adult Resident	Child Resident	Adult Park Visitor	Child Park Visitor
Volatile Organic Compounds (VOCs)									
Acetone	1.00E+06	3.32E+06	1.96E+06	7.64E+04	5.09E+04	1.46E+04	6.24E+03	4.22E+07	1.21E+07
Benzene	1.75E+03	2.69E+04	2.66E+04	8.05E+03	2.39E+02	6.83E+01	2.93E+01	2.15E+05	6.13E+04
2-Butanone	2.23E+05	5.98E+06	3.56E+06	1.44E+05	8.89E+04	2.54E+04	1.09E+04	7.58E+07	2.17E+07
Carbon tetrachloride	7.93E+02	1.89E+04	1.88E+04	6.05E+03	1.65E+02	4.70E+01	2.02E+01	1.48E+05	4.23E+04
Chloroethane	5.68E+03	3.71E+06	3.70E+06	1.18E+06	3.24E+04	9.25E+03	3.96E+03	2.91E+07	8.31E+06
Chloroform	7.92E+03	1.33E+05	1.31E+05	3.88E+04	1.19E+03	3.39E+02	1.45E+02	1.06E+06	3.04E+05
Dibromofluoromethane	5.10E+03	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	5.06E+03	2.06E+05	2.03E+05	6.06E+04	1.84E+03	5.25E+02	2.25E+02	1.65E+06	4.72E+05
1,2-Dichloroethane	8.52E+03	1.91E+05	1.81E+05	4.28E+04	1.84E+03	5.25E+02	2.25E+02	1.63E+06	4.67E+05
1,1-Dichloroethene (Ethylene dichloride)	2.25E+03	2.82E+04	2.81E+04	9.02E+03	2.46E+02	7.02E+01	3.01E+01	2.21E+05	6.32E+04
cis-1,2-Dichloroethene	3.50E+03	1.39E+04	1.36E+04	3.88E+03	1.25E+02	3.58E+01	1.54E+01	1.13E+05	3.22E+04
trans-1,2-Dichloroethene	6.30E+03	2.58E+04	2.55E+04	7.79E+03	2.28E+02	6.51E+01	2.79E+01	2.05E+05	5.85E+04
Freon 12 (Dichlorodifluoromethane)	2.80E+02	6.25E+04	6.25E+04	2.03E+04	5.42E+02	1.55E+02	6.64E+01	4.88E+05	1.40E+05
Freon 113 (Trichlorotrifluoroethane)	1.70E+02	8.65E+06	8.64E+06	2.81E+06	7.50E+04	2.14E+04	9.19E+03	6.76E+07	1.93E+07
Isopropanol	1.00E+06	2.22E+07	1.06E+07	1.05E+05	3.55E+05	1.01E+05	4.34E+04	2.70E+08	7.72E+07
Methyl chloride (Chloromethane)	5.33E+03	5.91E+04	5.90E+04	1.88E+04	5.16E+02	1.48E+02	6.32E+01	4.64E+05	1.33E+05
Methylene chloride (Dichloromethane)	1.30E+04	1.55E+05	1.51E+05	4.12E+04	1.42E+03	4.07E+02	1.74E+02	1.27E+06	3.64E+05
Tetrachloroethene	2.00E+02	1.82E+04	1.81E+04	5.76E+03	1.59E+02	4.55E+01	1.95E+01	1.43E+05	4.09E+04
Toluene	5.26E+02	1.52E+05	1.51E+05	4.64E+04	1.35E+03	3.84E+02	1.65E+02	1.21E+06	3.46E+05
1,1,1-Trichloroethane (Methyl chloroform)	1.33E+03	4.85E+05	4.83E+05	1.54E+05	4.24E+03	1.21E+03	5.19E+02	3.81E+06	1.09E+06
1,1,2-Trichloroethane	4.42E+03	7.77E+03	7.22E+03	1.57E+03	7.63E+01	2.18E+01	9.34E+00	6.80E+04	1.94E+04
Trichloroethene	1.10E+03	2.86E+05	2.84E+05	8.85E+04	2.51E+03	7.17E+02	3.07E+02	2.26E+06	6.45E+05
Vinyl chloride	2.76E+03	3.39E+04	3.38E+04	1.09E+04	2.96E+02	8.45E+01	3.62E+01	2.66E+05	7.60E+04
o-Xylene	1.78E+02	3.10E+05	3.05E+05	9.08E+04	2.76E+03	7.89E+02	3.38E+02	2.48E+06	7.08E+05
Xylenes, Total	1.85E+02	3.63E+05	3.59E+05	1.10E+05	3.21E+03	9.17E+02	3.93E+02	2.88E+06	8.24E+05
Total Petroleum Hydrocarbons (TPH)									
C5 to C8 Aliphatic	1.10E+01	2.35E+04	2.35E+04	7.67E+03	2.04E+02	5.84E+01	2.50E+01	1.84E+05	5.26E+04
C9 to C18 Aliphatic	1.00E-02	3.71E+04	3.71E+04	1.21E+04	3.22E+02	9.21E+01	3.95E+01	2.90E+05	8.29E+04
C19 to C32 Aliphatic	NV	NV	NV	NV	NV	NV	NV	NV	NV
C9 to C16 Aromatic	5.80E+00	2.49E+04	2.29E+04	4.68E+03	2.48E+02	7.09E+01	3.04E+01	2.21E+05	6.33E+04
C17 to C32 Aromatic	NV	NV	NV	NV	NV	NV	NV	NV	NV

Notes:
mg/L = milligram per Liter
NT = No toxicity data is available.
NV = Not volatile. None of the receptors is directly exposed to groundwater; therefore non-volatile chemicals present in groundwater do not pose a significant risk to human health.

[a] In some cases, the chemical-specific RBTC calculated to protect human health exceeds the water solubility limit for the chemical. Because air concentrations at equilibrium with dissolved concentrations in groundwater cannot exceed those at the solubility limit, the RBTCs for these chemicals are effectively unlimited.

TABLE 4.16
Risk-Based Target Concentrations (RBTCs) for Soil Gas at Depth of 5 Feet
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Vapor Pressure Limit (mg/m^3) [a]	Carcinogenic RBTC (mg/m^3)				Non-Carcinogenic RBTC (mg/m^3)					
		Construction Worker[b]	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park Visitor	Construction Worker[b]	Commercial Worker	Adult Resident	Child Resident	Adult Park Visitor	Child Park Visitor
Volatile Organic Compounds (VOCs)											
Benzene	3.99E+05	NA	1.28E+00	2.41E-01	5.67E+02	NA	7.83E+02	2.24E+02	9.59E+01	6.25E+05	1.79E+05
Bromomethane (Methyl bromide)	3.89E+06	NA	----	----	----	NA	7.58E+01	2.16E+01	9.28E+00	6.17E+04	1.76E+04
Carbon tetrachloride	9.92E+05	NA	9.52E-01	1.79E-01	4.28E+02	NA	5.82E+02	1.66E+02	7.12E+01	4.70E+05	1.34E+05
Chloroethane	2.05E+06	NA	----	----	----	NA	5.33E+04	1.52E+04	6.53E+03	3.44E+07	9.84E+06
Chloroform	1.19E+06	NA	5.81E+00	1.09E+00	2.52E+03	NA	3.38E+03	9.66E+02	4.14E+02	2.64E+06	7.55E+05
1,1-Dichloroethane	1.16E+06	NA	2.61E+01	4.91E+00	1.18E+04	NA	7.45E+03	2.13E+03	9.12E+02	6.05E+06	1.73E+06
1,2-Dichloroethane	3.42E+05	NA	1.52E+00	2.85E-01	6.58E+02	NA	4.45E+03	1.27E+03	5.45E+02	3.47E+06	9.92E+05
1,1-Dichloroethene (Ethylene dichloride)	2.41E+06	NA	----	----	----	NA	8.98E+02	2.57E+02	1.10E+02	7.15E+05	2.04E+05
cis-1,2-Dichloroethene	5.84E+05	NA	----	----	----	NA	5.35E+02	1.53E+02	6.55E+01	4.35E+05	1.24E+05
trans-1,2-Dichloroethene	2.43E+06	NA	----	----	----	NA	1.11E+03	3.18E+02	1.36E+02	9.08E+05	2.60E+05
Ethylbenzene	5.46E+04	NA	----	----	----	NA	3.01E+04	8.61E+03	3.69E+03	2.45E+07	6.99E+06
Freon 11 (Trichlorofluoromethane)	4.37E+06	NA	----	----	----	NA	7.25E+04	2.07E+04	8.87E+03	6.43E+07	1.84E+07
Freon 12 (Dichlorodifluoromethane)	3.93E+06	NA	----	----	----	NA	3.36E+03	9.60E+02	4.12E+02	2.76E+06	7.89E+05
Freon 113 (Trichlorotrifluoroethane)	3.34E+06	NA	----	----	----	NA	4.39E+05	1.25E+05	5.37E+04	3.55E+08	1.01E+08
Freon 114 (Dichlorotetrafluoroethane)	1.49E+07	NA	----	----	----	NA	7.24E+05	2.07E+05	8.86E+04	6.12E+08	1.75E+08
Methyl chloride (Chloromethane)	1.92E+06	NA	1.49E+01	2.80E+00	6.31E+03	NA	8.72E+02	2.49E+02	1.07E+02	6.64E+05	1.90E+05
Methylene chloride (Dichloromethane)	1.17E+06	NA	3.22E+01	6.06E+00	1.41E+04	NA	4.61E+03	1.32E+03	5.64E+02	3.61E+06	1.03E+06
Tetrachloroethene	1.51E+05	NA	7.31E+00	1.37E+00	3.31E+03	NA	5.48E+02	1.57E+02	6.71E+01	4.47E+05	1.28E+05
Toluene	1.43E+05	NA	----	----	----	NA	3.96E+03	1.13E+03	4.85E+02	3.16E+06	9.04E+05
1,1,1-Trichloroethane (Methyl chloroform)	9.38E+05	NA	----	----	----	NA	1.46E+04	4.17E+03	1.79E+03	1.18E+07	3.37E+06
Trichloroethene	4.65E+05	NA	2.01E+01	3.79E+00	9.04E+03	NA	8.64E+03	2.47E+03	1.06E+03	6.97E+06	1.99E+06
1,2,4-Trimethylbenzene	1.33E+04	NA	----	----	----	NA	8.96E+01	2.56E+01	1.10E+01	7.27E+04	2.08E+04
1,3,5-Trimethylbenzene	1.52E+04	NA	----	----	----	NA	8.97E+01	2.56E+01	1.10E+01	7.28E+04	2.08E+04
Vinyl chloride	3.07E+06	NA	4.03E-01	7.58E-02	1.75E+02	NA	1.11E+03	3.18E+02	1.36E+02	8.68E+05	2.48E+05
m,p-Xylene	5.81E+04	NA	----	----	----	NA	1.03E+04	2.95E+03	1.26E+03	8.35E+06	2.39E+06
o-Xylene	3.79E+04	NA	----	----	----	NA	9.23E+03	2.64E+03	1.13E+03	7.37E+06	2.11E+06
Total Petroleum Hydrocarbons (TPH)											
C5 to C8 Aliphatic	5.94E+05	NA	----	----	----	NA	2.85E+03	8.15E+02	3.49E+02	2.30E+06	6.57E+05
C9 to C18 Aliphatic	6.90E+02	NA	----	----	----	NA	4.82E+03	1.38E+03	5.91E+02	3.94E+06	1.13E+06
C19 to C32 Aliphatic	NA	NA	----	----	----	NA	NV	NV	NV	NV	NV
C9 to C16 Aromatic	1.74E+02	NA	----	----	----	NA	9.04E+02	2.58E+02	1.11E+02	7.47E+05	2.14E+05
C17 to C32 Aromatic	NA	NA	----	----	----	NA	NV	NV	NV	NV	NV

Notes:
---- = Not evaluated because chemical is not classified as a carcinogen.
mg/m^3 = milligram per cubic meter
NA = Not applicable.
NV = Not volatile. Fraction not classified as volatile.

[a] For some chemicals, the RBTC calculated to protect human health exceeds the vapor pressure limit for that chemical. When the RBTC for a chemical exceeds the vapor pressure limit for that chemical, the presence of that chemical's vapors does not, in itself, constitute a significant risk to human health under the exposure assumption used.

[b] RBTCs for a construction worker in a 5-foot trench were not calculated because the trench is assumed to be 5 feet deep which equals the depth at which soil gas samples were collected.

TABLE 4.17
Risk-Based Target Concentrations (RBTCs) for Soil Gas at Depth of 10 Feet
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Vapor Pressure Limit (mg/m^3) [a]	Carcinogenic RBTC (mg/m^3)				Non-Carcinogenic RBTC (mg/m^3)					
		Construction Worker in 9-Foot Trench	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park Visitor	Construction Worker in 9-Foot Trench	Commercial Worker	Adult Resident	Child Resident	Adult Park Visitor	Child Park Visitor
Volatile Organic Compounds (VOCs)											
Benzene	3.99E+05	2.50E+04	2.20E+00	4.14E-01	1.03E+03	6.12E+05	1.35E+03	3.85E+02	1.65E+02	1.13E+06	3.24E+05
Bromomethane (Methyl bromide)	3.89E+06	----	----	----	----	5.97E+04	1.31E+02	3.76E+01	1.61E+01	1.12E+05	3.20E+04
Carbon tetrachloride	9.92E+05	1.99E+04	1.65E+00	3.10E-01	7.75E+02	4.87E+05	1.01E+03	2.87E+02	1.23E+02	8.52E+05	2.44E+05
Chloroethane	2.05E+06	----	----	----	----	3.56E+07	8.44E+04	2.41E+04	1.03E+04	6.24E+07	1.78E+07
Chloroform	1.19E+06	1.09E+05	9.92E+00	1.86E+00	4.58E+03	2.54E+06	5.77E+03	1.65E+03	7.06E+02	4.79E+06	1.37E+06
1,1-Dichloroethane	1.16E+06	5.12E+05	4.53E+01	8.52E+00	2.14E+04	5.84E+06	1.29E+04	3.69E+03	1.58E+03	1.10E+07	3.13E+06
1,2-Dichloroethane	3.42E+05	2.31E+04	2.59E+00	4.87E-01	1.20E+03	2.71E+06	7.60E+03	2.17E+03	9.30E+02	6.31E+06	1.80E+06
1,1-Dichloroethene (Ethylene dichloride)	2.41E+06	----	----	----	----	7.39E+05	1.54E+03	4.41E+02	1.89E+02	1.30E+06	3.70E+05
cis-1,2-Dichloroethene	5.84E+05	----	----	----	----	4.03E+05	9.28E+02	2.65E+02	1.14E+02	7.89E+05	2.25E+05
trans-1,2-Dichloroethene	2.43E+06	----	----	----	----	8.98E+05	1.93E+03	5.52E+02	2.37E+02	1.65E+06	4.71E+05
Ethylbenzene	5.46E+04	----	----	----	----	2.44E+07	5.22E+04	1.49E+04	6.40E+03	4.44E+07	1.27E+07
Freon 11 (Trichlorofluoromethane)	4.37E+06	----	----	----	----	6.53E+07	1.30E+05	3.73E+04	1.60E+04	1.17E+08	3.33E+07
Freon 12 (Dichlorodifluoromethane)	3.93E+06	----	----	----	----	2.89E+06	5.85E+03	1.67E+03	7.16E+02	5.00E+06	1.43E+06
Freon 113 (Trichlorotrifluoroethane)	3.34E+06	----	----	----	----	3.72E+08	7.59E+05	2.17E+05	9.30E+04	6.43E+08	1.84E+08
Freon 114 (Dichlorotetrafluoroethane)	1.49E+07	----	----	----	----	6.41E+08	1.28E+06	3.64E+05	1.56E+05	1.11E+09	3.17E+08
Methyl chloride (Chloromethane)	1.92E+06	2.92E+05	2.52E+01	4.73E+00	1.14E+04	6.84E+05	1.47E+03	4.20E+02	1.80E+02	1.20E+06	3.44E+05
Methylene chloride (Dichloromethane)	1.17E+06	5.64E+05	5.51E+01	1.04E+01	2.55E+04	3.22E+06	7.88E+03	2.25E+03	9.64E+02	6.56E+06	1.87E+06
Tetrachloroethene	1.51E+05	1.53E+05	1.27E+01	2.38E+00	6.00E+03	4.58E+05	9.51E+02	2.72E+02	1.16E+02	8.10E+05	2.31E+05
Toluene	1.43E+05	----	----	----	----	3.14E+06	6.82E+03	1.95E+03	8.35E+02	5.74E+06	1.64E+06
1,1,1-Trichloroethane (Methyl chloroform)	9.38E+05	----	----	----	----	1.21E+07	2.52E+04	7.21E+03	3.09E+03	2.14E+07	6.11E+06
Trichloroethene	4.65E+05	4.10E+05	3.48E+01	6.55E+00	1.64E+04	7.03E+06	1.49E+04	4.27E+03	1.83E+03	1.26E+07	3.61E+06
1,2,4-Trimethylbenzene	1.33E+04	----	----	----	----	7.09E+04	1.55E+02	4.44E+01	1.90E+01	1.32E+05	3.77E+04
1,3,5-Trimethylbenzene	1.52E+04	----	----	----	----	7.22E+04	1.55E+02	4.44E+01	1.90E+01	1.32E+05	3.77E+04
Vinyl chloride	3.07E+06	8.15E+03	6.88E-01	1.29E-01	3.17E+02	8.99E+05	1.90E+03	5.42E+02	2.32E+02	1.57E+06	4.50E+05
m,p-Xylene	5.81E+04	----	----	----	----	8.27E+06	1.79E+04	5.10E+03	2.19E+03	1.51E+07	4.33E+06
o-Xylene	3.79E+04	----	----	----	----	7.11E+06	1.59E+04	4.54E+03	1.95E+03	1.34E+07	3.82E+06
Total Petroleum Hydrocarbons (TPH)											
C5 to C8 Aliphatic	5.94E+05	----	----	----	----	2.41E+06	4.93E+03	1.41E+03	6.03E+02	4.17E+06	1.19E+06
C9 to C18 Aliphatic	6.90E+02	----	----	----	----	4.13E+06	8.38E+03	2.39E+03	1.03E+03	7.15E+06	2.04E+06
C19 to C32 Aliphatic	NA	----	----	----	----	NV	NV	NV	NV	NV	NV
C9 to C16 Aromatic	1.74E+02	----	----	----	----	5.11E+05	1.58E+03	4.53E+02	1.94E+02	1.36E+06	3.88E+05
C17 to C32 Aromatic	NA	----	----	----	----	NV	NV	NV	NV	NV	NV

Notes:
---- = Not evaluated because chemical is not classified as a carcinogen.
mg/m^3 = milligram per cubic meter
NA = Not applicable.
NV = Not volatile. Fraction not classified as volatile.

[a] For some chemicals, the RBTC calculated to protect human health exceeds the vapor pressure limit for that chemical. When the RBTC for a chemical exceeds the vapor pressure limit for that chemical, the presence of that chemical's vapors does not, in itself, constitute a significant risk to human health under the exposure assumption used.

TABLE 4.18
Risk-Based Target Concentrations (RBTCs) for Soil Gas at Depth of 15 Feet
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Vapor Pressure Limit (mg/m^3) [a]	Carcinogenic RBTC (mg/m^3)				Non-Carcinogenic RBTC (mg/m^3)					
		Construction Worker in 14-Foot Trench	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park Visitor	Construction Worker in 14-Foot Trench	Commercial Worker	Adult Resident	Child Resident	Adult Park Visitor	Child Park Visitor
Volatile Organic Compounds (VOCs)											
Benzene	3.99E+05	4.06E+03	1.08E+01	2.03E+00	5.33E+03	9.95E+04	6.62E+03	1.89E+03	8.10E+02	5.88E+06	1.68E+06
Bromomethane (Methyl bromide)	3.89E+06	----	----	----	----	9.69E+03	6.45E+02	1.84E+02	7.90E+01	5.74E+05	1.64E+05
Carbon tetrachloride	9.92E+05	3.25E+03	8.51E+00	1.60E+00	4.21E+03	7.93E+04	5.20E+03	1.49E+03	6.36E+02	4.63E+06	1.32E+06
Chloroethane	2.05E+06	----	----	----	----	5.79E+06	3.91E+05	1.12E+05	4.78E+04	3.38E+08	9.66E+07
Chloroform	1.19E+06	1.77E+04	4.75E+01	8.93E+00	2.34E+04	4.13E+05	2.76E+04	7.90E+03	3.38E+03	2.45E+07	6.99E+06
1,1-Dichloroethane	1.16E+06	8.32E+04	2.22E+02	4.17E+01	1.10E+05	9.48E+05	6.32E+04	1.80E+04	7.73E+03	5.62E+07	1.61E+07
1,2-Dichloroethane	3.42E+05	3.71E+03	1.05E+01	1.98E+00	5.17E+03	4.36E+05	3.09E+04	8.82E+03	3.78E+03	2.73E+07	7.79E+06
1,1-Dichloroethene (Ethylene dichloride)	2.41E+06	----	----	----	----	1.20E+05	7.91E+03	2.26E+03	9.68E+02	7.03E+06	2.01E+06
cis-1,2-Dichloroethene	5.84E+05	----	----	----	----	6.54E+04	4.40E+03	1.26E+03	5.38E+02	3.91E+06	1.12E+06
trans-1,2-Dichloroethene	2.43E+06	----	----	----	----	1.46E+05	9.66E+03	2.76E+03	1.18E+03	8.61E+06	2.46E+06
Ethylbenzene	5.46E+04	----	----	----	----	3.97E+06	2.62E+05	7.50E+04	3.21E+04	2.34E+08	6.67E+07
Freon 11 (Trichlorofluoromethane)	4.37E+06	----	----	----	----	1.06E+07	6.93E+05	1.98E+05	8.48E+04	6.23E+08	1.78E+08
Freon 12 (Dichlorodifluoromethane)	3.93E+06	----	----	----	----	4.71E+05	3.07E+04	8.78E+03	3.76E+03	2.74E+07	7.83E+06
Freon 113 (Trichlorotrifluoroethane)	3.34E+06	----	----	----	----	6.06E+07	3.96E+06	1.13E+06	4.85E+05	3.53E+09	1.01E+09
Freon 114 (Dichlorotetrafluoroethane)	1.49E+07	----	----	----	----	1.04E+08	6.80E+06	1.94E+06	8.32E+05	6.08E+09	1.74E+09
Methyl chloride (Chloromethane)	1.92E+06	4.76E+04	1.26E+02	2.37E+01	6.18E+04	1.11E+05	7.36E+03	2.10E+03	9.01E+02	6.51E+06	1.86E+06
Methylene chloride (Dichloromethane)	1.17E+06	9.12E+04	2.49E+02	4.68E+01	1.22E+05	5.21E+05	3.56E+04	1.02E+04	4.36E+03	3.15E+07	9.00E+06
Tetrachloroethene	1.51E+05	2.48E+04	6.52E+01	1.23E+01	3.23E+04	7.45E+04	4.89E+03	1.40E+03	5.99E+02	4.36E+06	1.25E+06
Toluene	1.43E+05	----	----	----	----	5.11E+05	3.39E+04	9.68E+03	4.15E+03	3.01E+07	8.60E+06
1,1,1-Trichloroethane (Methyl chloroform)	9.38E+05	----	----	----	----	1.97E+06	1.29E+05	3.69E+04	1.58E+04	1.15E+08	3.29E+07
Trichloroethene	4.65E+05	6.67E+04	1.76E+02	3.31E+01	8.70E+04	1.14E+06	7.54E+04	2.16E+04	9.24E+03	6.71E+07	1.92E+07
1,2,4-Trimethylbenzene	1.33E+04	----	----	----	----	1.15E+04	7.66E+02	2.19E+02	9.38E+01	6.81E+05	1.95E+05
1,3,5-Trimethylbenzene	1.52E+04	----	----	----	----	1.17E+04	7.76E+02	2.22E+02	9.51E+01	6.91E+05	1.97E+05
Vinyl chloride	3.07E+06	1.33E+03	3.49E+00	6.57E-01	1.72E+03	1.46E+05	9.63E+03	2.75E+03	1.18E+03	8.54E+06	2.44E+06
m,p-Xylene	5.81E+04	----	----	----	----	1.34E+06	8.90E+04	2.54E+04	1.09E+04	7.92E+07	2.26E+07
o-Xylene	3.79E+04	----	----	----	----	1.15E+06	7.71E+04	2.20E+04	9.44E+03	6.85E+07	1.96E+07
Total Petroleum Hydrocarbons (TPH)											
C5 to C8 Aliphatic	5.94E+05	----	----	----	----	3.93E+05	2.57E+04	7.34E+03	3.15E+03	2.29E+07	6.53E+06
C9 to C18 Aliphatic	6.90E+02	----	----	----	----	6.74E+05	4.40E+04	1.26E+04	5.39E+03	3.92E+07	1.12E+07
C19 to C32 Aliphatic	NA	----	----	----	----	NV	NV	NV	NV	NV	NV
C9 to C16 Aromatic	1.74E+02	----	----	----	----	8.15E+04	5.97E+03	1.71E+03	7.31E+02	5.31E+06	1.52E+06
C17 to C32 Aromatic	NA	----	----	----	----	NV	NV	NV	NV	NV	NV

Notes:
---- = Not evaluated because chemical is not classified as a carcinogen.
mg/m^3 = milligram per cubic meter
NA = Not applicable.
NV = Not volatile. Fraction not classified as volatile.

[a] For some chemicals, the RBTC calculated to protect human health exceeds the vapor pressure limit for that chemical. When the RBTC for a chemical exceeds the vapor pressure limit for that chemical, the presence of that chemical's vapors does not, in itself, constitute a significant risk to human health under the exposure assumption used.

TABLE 4.19
Risk-Based Target Concentrations (RBTCs) for Soil [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Saturation Limit (mg/kg) [b]	Carcinogenic RBTC (mg/kg)				Non-Carcinogenic RBTC (mg/kg)					
		Construction Worker	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park User	Construction Worker	Commercial Worker	Adult Resident	Child Resident	Adult Park User	Child Park User
Volatile Organic Compounds (VOCs)											
Acetone	2.18E+05	----	----	----	----	5.39E+04	2.15E+03	7.29E+02	2.04E+02	9.23E+05	1.71E+05
Chloroform	3.39E+03	2.16E+01	1.06E-01	8.74E-03	1.41E+01	4.71E+02	6.14E+01	9.52E+00	1.93E+00	1.52E+04	2.07E+03
Freon 113 (Trichlorotrifluoroethane)	9.84E+03	----	----	----	----	6.97E+04	1.02E+04	1.11E+03	2.25E+02	5.02E+06	8.83E+05
Methylene chloride (Dichloromethane)	3.66E+03	1.12E+02	4.37E-01	4.99E-02	6.16E+01	6.54E+02	6.25E+01	1.34E+01	2.72E+00	3.81E+04	6.89E+03
1,1,1-Trichloroethane (Methyl chloroform)	1.11E+03	----	----	----	----	1.28E+03	1.73E+02	2.34E+01	4.66E+00	7.28E+04	1.65E+04
1,1,2-Trichloroethane	2.07E+03	2.42E+01	1.10E-01	7.93E-03	1.06E+01	7.96E+01	8.93E+00	1.18E+00	2.57E-01	4.25E+03	5.34E+02
Trichloroethene	1.19E+03	7.22E+01	4.05E-01	2.64E-02	4.08E+01	1.62E+02	1.11E+02	1.93E+01	3.64E+00	7.60E+02	8.18E+01
Total Petroleum Hydrocarbons (TPH)											
C5 to C8 Aliphatic	2.09E+02	----	----	----	----	1.03E+04	2.46E+04	2.09E+04	2.44E+03	7.31E+04	8.55E+03
C9 to C18 Aliphatic	3.41E+01	----	----	----	----	2.55E+04	6.16E+04	5.22E+04	6.11E+03	1.83E+05	2.14E+04
C19 to C32 Aliphatic	NA	----	----	----	----	5.20E+05	1.23E+06	1.04E+06	1.22E+05	3.65E+06	4.28E+05
C9 to C16 Aromatic	1.46E+02	----	----	----	----	8.50E+03	2.20E+04	1.92E+04	2.29E+03	6.73E+04	8.03E+03
C17 to C32 Aromatic	NA	----	----	----	----	8.86E+03	2.20E+04	1.92E+04	2.29E+03	6.73E+04	8.03E+03
Semi-Volatile Organic Compounds (SVOCs)											
Benzo(a)anthracene	NA	1.29E+01	1.28E+00	3.77E-01	1.32E+00	3.97E+03	1.10E+04	9.61E+03	1.15E+03	3.36E+04	4.01E+03
Benzo(a)pyrene	NA	1.29E+00	1.28E-01	3.77E-02	1.32E-01	3.97E+03	1.10E+04	9.61E+03	1.15E+03	3.36E+04	4.01E+03
Benzo(g,h,i)perylene	NA	----	----	----	----	3.97E+03	1.10E+04	9.61E+03	1.15E+03	3.36E+04	4.01E+03
Chrysene	NA	1.29E+02	1.28E+01	3.77E+00	1.32E+01	3.97E+03	1.10E+04	9.61E+03	1.15E+03	3.36E+04	4.01E+03
Diethylphthalate	1.79E+03	----	----	----	----	2.04E+05	4.92E+05	4.17E+05	4.89E+04	1.46E+06	1.71E+05
Pyrene	7.09E+01	----	----	----	----	6.64E+03	1.64E+04	1.33E+04	1.68E+03	5.05E+04	6.02E+03
Pesticides											
Chlordane (Technical)	NA	2.10E+01	1.74E+00	4.36E-01	1.53E+00	1.87E+02	4.04E+02	3.15E+02	3.52E+01	1.10E+03	1.23E+02
alpha-Chlordane	NA	2.10E+01	1.74E+00	4.36E-01	1.53E+00	1.87E+02	4.04E+02	3.15E+02	3.52E+01	1.10E+03	1.23E+02
gamma-Chlordane	NA	2.10E+01	1.74E+00	4.36E-01	1.53E+00	1.87E+02	4.04E+02	3.15E+02	3.52E+01	1.10E+03	1.23E+02
Dieldrin	NA	1.12E+00	1.08E-01	3.03E-02	1.06E-01	1.28E+01	3.08E+01	2.61E+01	3.06E+00	9.13E+01	1.07E+01
DDD	NA	1.24E+02	9.95E+00	2.43E+00	8.51E+00	NT	NT	NT	NT	NT	NT
DDE	NA	8.76E+01	7.02E+00	1.72E+00	6.01E+00	NT	NT	NT	NT	NT	NT
DDT	NA	8.76E+01	7.02E+00	1.72E+00	6.01E+00	2.13E+02	4.26E+02	3.26E+02	3.61E+01	1.14E+03	1.26E+02
Endosulfan I	NA	----	----	----	----	1.53E+03	3.69E+03	3.13E+03	3.67E+02	1.10E+04	1.28E+03
Endrin	NA	----	----	----	----	7.67E+01	1.85E+02	1.57E+02	1.83E+01	5.48E+02	6.42E+01
Toxaphene	NA	1.49E+01	1.44E+00	4.05E-01	1.42E+00	NT	NT	NT	NT	NT	NT

TABLE 4.19
Risk-Based Target Concentrations (RBTCs) for Soil [a]
Hitachi Global Storage Technologies, Inc.
San Jose, California

Chemical	Soil Saturation Limit (mg/kg) [b]	Carcinogenic RBTC (mg/kg)				Non-Carcinogenic RBTC (mg/kg)					
		Construction Worker	Commercial Worker	Age-Adjusted Resident	Age-Adjusted Park User	Construction Worker	Commercial Worker	Adult Resident	Child Resident	Adult Park User	Child Park User
Metals											
Antimony	NA	----	----	----	----	2.48E+02	4.09E+02	2.92E+02	3.13E+01	1.02E+03	1.10E+02
Arsenic	NA	3.11E+00	2.51E-01	6.14E-02	2.15E-01	6.46E+01	2.55E+02	1.95E+02	2.16E+01	6.84E+02	7.57E+01
Barium	NA	----	----	----	----	2.04E+03	1.68E+05	1.20E+05	1.48E+04	4.94E+05	5.40E+04
Beryllium	NA	1.23E+02	2.24E+03	1.05E+03	1.95E+04	2.89E+01	1.77E+03	1.27E+03	1.51E+02	4.99E+03	5.43E+02
Cadmium	NA	6.91E+01	1.26E+03	5.90E+02	1.09E+04	7.43E+01	9.89E+02	7.08E+02	7.75E+01	2.53E+03	2.73E+02
Chromium (III)	NA	----	----	----	----	9.29E+05	1.53E+06	1.10E+06	1.17E+05	3.83E+06	4.11E+05
Cobalt	NA	1.06E+02	1.92E+03	9.03E+02	1.67E+04	8.39E+01	1.33E+04	9.52E+03	1.38E+03	4.71E+04	5.31E+03
Copper	NA	----	----	----	----	2.48E+04	4.09E+04	2.92E+04	3.13E+03	1.02E+05	1.10E+04
Iron	NA	----	----	----	----	1.86E+05	3.07E+05	2.19E+05	2.35E+04	7.67E+05	8.21E+04
Lead	NA	----	----	----	----	NT	NT	NT	NT	NT	NT
Mercury	NA	----	----	----	----	1.25E+02	3.06E+02	2.19E+02	2.35E+01	7.66E+02	8.21E+01
Molybdenum	NA	----	----	----	----	3.10E+03	5.11E+03	3.65E+03	3.91E+02	1.28E+04	1.37E+03
Nickel	NA	1.14E+03	2.07E+04	9.72E+03	1.80E+05	2.08E+02	1.69E+04	1.20E+04	1.49E+03	4.94E+04	5.41E+03
Silver	NA	----	----	----	----	3.10E+03	5.11E+03	3.65E+03	3.91E+02	1.28E+04	1.37E+03
Vanadium	NA	----	----	----	----	6.19E+02	1.02E+03	7.30E+02	7.82E+01	2.56E+03	2.74E+02
Zinc	NA	----	----	----	----	1.86E+05	3.07E+05	2.19E+05	2.35E+04	7.67E+05	8.21E+04
Anions											
Chloride	NA	----	----	----	----	NT	NT	NT	NT	NT	NT
Fluoride	NA	----	----	----	----	3.72E+04	6.13E+04	4.38E+04	4.69E+03	1.53E+05	1.64E+04
Nitrate	NA	----	----	----	----	9.91E+05	1.64E+06	1.17E+06	1.25E+05	4.09E+06	4.38E+05

Notes:
mg/kg = milligram per kilogram
---- = Not evaluated because chemical is not classified as a carcinogen.
NA = Not applicable.
NT = No toxicity factor available for this chemical.

[a] For some relatively non-toxic chemicals, the calculated RBTC exceeds the maximum possible concentration. In other words, the estimated RBTC exceeds a value of 1,000,000 (or 1E+06) mg/kg. For these chemicals, this means that pure product does not, in itself, constitute a significant risk to human health under the exposure assumptions used.

[b] For some volatile chemicals, the chemical-specific RBTC calculated to protect human health exceeds the soil saturation limit for the chemical. Because air concentrations at equilibrium with soil cannot exceed those at the soil saturation limit, the inhalation component of the RBTCs for these chemicals are effectively unlimited.

TABLE 4.20
Risk-Based Target Concentrations (RBTCs) for TPH-Diesel in Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Petroleum Hydrocarbon Fraction	Petroleum Product Composition (% mass)[a]	Noncancer Hazard Quotient					
		Construction Worker	Commercial Worker	Adult Resident	Child Resident	Adult Park User	Child Park User
C5 to C8 Aliphatic	1.00%	2.00E-02	2.06E-02	2.10E-02	2.12E-02	2.10E-02	2.12E-02
C9 to C18 Aliphatic	56.00%	4.52E-01	4.62E-01	4.70E-01	4.74E-01	4.70E-01	4.74E-01
C19 to C32 Aliphatic	21.00%	8.30E-03	8.67E-03	8.80E-03	8.89E-03	8.80E-03	8.89E-03
C9 to C16 Aromatic	10.00%	2.42E-01	2.31E-01	2.28E-01	2.25E-01	2.28E-01	2.25E-01
C17 to C32 Aromatic	12.00%	2.78E-01	2.77E-01	2.73E-01	2.71E-01	2.73E-01	2.71E-01
Total Noncancer Hazard Index		1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
RBTCs for TPH-Diesel (mg/kg)		21,000	51,000	44,000	5,200	150,000	18,000

Notes:

[a] Recommended TPH-diesel composition from Cal/EPA (2005).

[b] Effective soil saturation limit is product of the mole fraction and the soil saturation limit of the hydrocarbon fraction.

Sources:

California Environmental Protection Agency (CalEPA). 2005. *Memorandum: Proposed South Region Middle #6, Site 2A, Located be West 46th Street, South Western Avenue, and South St. Andrews Place, Los Angeles Unified School District, Los Angeles, California Preliminary Endangerment Assessment*

TABLE 4.21
Risk-Based Target Concentrations (RBTCs) for TPH-Shell Sol 140 in Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Petroleum Hydrocarbon Fraction	Petroleum Product Composition (% mass)	Noncancer Hazard Quotient					
		Construction Worker	Commercial Worker	Adult Resident	Child Resident	Adult Park User	Child Park User
C5 to C8 Aliphatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C9 to C18 Aliphatic	100.00%	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
C19 to C32 Aliphatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C9 to C16 Aromatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C17 to C32 Aromatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total Noncancer Hazard Index		1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
RBTCs for TPH-ShelSol (mg/kg)		25,000	62,000	52,000	6,100	180,000	21,000

Notes:
[a] Effective soil saturation limit is product of the mole fraction and the soil saturation limit of the hydrocarbon fraction.

Sources:
California Environmental Protection Agency (CalEPA). 2005. *Memorandum: Proposed South Region Middle #6, Site 2A, Located between West 46th Street, South Western Avenue, and South St. Andrews Place, Los Angeles Unified School District, Los Angeles, California. Preliminary Endangerment Assessment*

TABLE 4.22
Risk-Based Target Concentrations (RBTCs) for TPH-Motor Oil in Soil
Hitachi Global Storage Technologies, Inc.
San Jose, California

Petroleum Hydrocarbon Fraction	Petroleum Product Composition (% mass)[a]	Noncancer Hazard Quotient					
		Construction Worker	Commercial Worker	Adult Resident	Child Resident	Adult Park User	Child Park User
C5 to C8 Aliphatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C9 to C18 Aliphatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C19 to C32 Aliphatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C9 to C16 Aromatic	0.00%	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
C17 to C32 Aromatic	100.00%	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
Total Noncancer Hazard Index		1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
RBTCs for TPH-Motor Oil (mg/kg)		8,900	22,000	19,000	2,300	67,000	8,000

Notes:

[a] Recommended TPH-motor oil composition from Cal/EPA (2005).

[b] Effective soil saturation limit is product of the mole fraction and the soil saturation limit of the hydrocarbon fraction.

Sources:

California Environmental Protection Agency (CalEPA). 2005. *Memorandum: Proposed South Region Middle #6, Site 2A, Located between West 46th Street, South Western Avenue, and South St. Andrews Place, Los Angeles Unified School District, Los Angeles, California. Preliminary Endangerment Assessment*