Table D-1

Equalizing Basin and Drying Bed Metals and Cyanide Results
BSB Property, Kent, Washington

Constituent	Equalizing Basin Effluent (µg/L)	Equalizing Basin Soil (µg/kg)	SW Drying Bed Sludge (µg/kg)
Antimony	**420**	< 300	**8,500**
Arsenic	**32**	**3,200**	**9,700**
Beryllium	< 2	**680**	**300**
Cadmium	**960**	**130,000**	**1,900,000**
Chromium	**300,000**	**300,000**	**80,000,000**
Copper	**3,800**	**15,000**	**36,000,000**
Lead	**1,000**	**6,100**	**2,200,000**
Mercury	**2.2**	**60**	**1,000**
Nickel	**8,200**	**190,000**	**9,100,000**
Selenium	< 5	**600**	< 1,000
Silver	**24**	**250**	**8,500**
Zinc	**2,200**	**51,000**	**930,000**
Total Cyanide	**88**	**14,000**	**1,000,000**

Notes: 1. Detections shown in bold.

Table D-2

Equalizing Basin and Drying Bed VOC and SVOC Results
BSB Property, Kent, Washington

Constituent	Equalizing Basin Effluent (µg/L)	Equalizing Basin Soil (µg/kg)	SW Drying Beds Sludge (µg/kg)
VOCs			
Vinyl chloride	< 4	**70**	< 48
Methylene chloride	**213**	**124**	**95**
Acetone	< 2	**78**	**45**
1,1-dichloroethene	< 4	**10**	< 48
1,1-dichloroethane	< 8	< 3	< 107
1,1,1-trichloroethane	**10**	< 3	< 83
Trichloroethene	**124**	**3,900**	< 83
Tetrachloroethene	< 5	< 3	< 66
Toluene	< 9	< 3	< 117
Ethylbenzene	< 5	< 3	< 68
Total xylenes	< 11	**14**	< 144
Trans-1,2-dichloroethene	**148**	**5,800**	< 90
2-nitrophenol	**8.5**	–	< 15,100
SVOCs			
Total phenol	< 5	< 50	< 100
Dibutyl phthalate	**5.2**	–	< 7,500
Bis(2-ethylhexyl)phthalate	**25.5**	–	**2,256**

Notes: 1. Detections shown in bold.
2. – = not analyzed.

Table D-3

Southeastern Drying Bed Sludge Analytical Results
BSB Property, Kent, Washington

Sample	Core Depth (ft)	Arsenic	Cyanide	Vinyl chloride	1,1-Di-chloro-ethene	Methylene chloride	Trans-Di-chloride-ethene	1,1-Di-chloro-ethane	1,1,1-Tri-chloro-dthane	1,2-Di-chloro-ethane	Trichloro-ethene	Toluene	Tetra-chloro-ethene	Total Xylenes	Ethyl-benzene
RS 19/108	1.66	**6.3**	**220**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
RS 72/117	1.75	**5.6**	**100**	ND	ND	ND	ND	ND	ND	ND	**3**	ND	ND	ND	ND
RS 76/111	2.16	**3.8**	**390**	ND	**20**	ND	ND	ND	ND	ND	ND	ND	ND	**38**	ND
RS 77/70	2.66	**4.2**	**300**	ND	ND	ND	ND	ND	ND	ND	ND	ND	**30**	**74**	ND
RS 108/34	1.75	**7.5**	**170**	ND	**24**	ND	ND	**17**	ND	ND	ND	**13**	ND	**13**	ND
RS 6/103	2.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes: 1. All results in mg/kg.
2. ND = not detected.
3. All detections shown in bold.

Table D-4

Stabilized Sludge Sampling Results
Southwestern Drying Beds Closure
BSB Property, Kent, Washington

Lift Number	Test Cylinder Number	Date Sample Collected	pH	EP Toxicity Constituents (mg/L)							
				Arsenic	Cadmium	Chromium	Lead	Copper	Nickel	Zinc	Cyanide
1	NE-1-1.3	9/8/88	10.8	< 0.2	**3.3**	**1.8**	< 0.1	**0.4**	**3.3**	**0.5**	**0.017**
	NE-1-1.1	9/8/88	11.0	< 0.2	< 0.01	**1.8**	< 0.1	**0.4**	< 0.1	< 0.1	< 0.005
	NE-1-1.5	9/8/88	11.0	< 0.2	< 0.01	**1.7**	< 0.1	**0.4**	< 0.1	< 0.1	< 0.005
	SW-1-1.1	9/9/88	11.2	< 0.2	< 0.01	**1.3**	< 0.1	**0.1**	< 0.1	< 0.1	**0.047**
2	NW-2-1.4	9/13/88	11.3	< 0.2	< 0.01	**1.0**	< 0.1	**0.1**	< 0.1	< 0.1	**0.008**
3	SE-3-2.1	9/14/88	11.0	< 0.2	< 0.01	**0.9**	< 0.1	**0.1**	< 0.1	< 0.1	< 0.005
4	NW-4-1.1	9/15/88	11.0	< 0.2	**0.03**	**0.9**	< 0.1	< 0.1	**0.1**	< 0.1	**0.047**
5	NE-5-1.1	9/15/88	10.8	< 0.2	**0.15**	**0.9**	< 0.1	< 0.1	**0.3**	< 0.1	**0.019**
6	SE-6-1.3	9/16/88	11.1	< 0.2	**0.40**	**0.8**	< 0.1	< 0.1	**0.7**	< 0.1	**0.031**
7	SURF-1.4	9/16/88	10.4	< 0.2	**1.2**	**0.7**	< 0.1	< 0.1	**0.9**	**0.2**	**0.98**
	SURF-1.1	9/16/88	11.0	< 0.2	< 0.01	**0.6**	< 0.1	**0.1**	< 0.1	< 0.1	< 0.005
	SURF-1.3	9/16/88	11.0	< 0.2	< 0.01	**0.6**	< 0.1	**0.1**	< 0.1	< 0.1	< 0.005

Notes:
1. Source = *Closure Report for the Three Sludge Drying Beds Regulated Waste Management Units* (Landau, 1988b).
2. EP Toxicity test detections in bold.
3. All samples except for NE-1-1.1, NE-1-1.5, SURF-1.1, and SURF-1.3 were tested before the cylinders were fully stabilized; samples NE-1-1.1, NE-1-1.5, SURF-1.1, and SURF-1.3 were tested when more fully cured.

Table D-5

Parcel G Soil Gas VOC Results
BSB Property, Kent, Washington

Sample Location	cis + trans 1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Off-site Background Locations			
SG-1	–	< 5	–
SG-1 (dup)	–	< 5	–
SG-2	–	< 5	–
SG-3	–	< 5	–
SG-104	**5**	**15**	< 20
SG-104 (dup)	**15**	**40**	< 20
SG-105	< 2	< 5	< 20
SG-120	**Trace**	**5**	< 20
Parcel G Locations			
SG-4	–	< 5	–
SG-5	–	**250,000**	–
SG-6	–	**6,000**	–
SG-13	–	**14**	–
SG-13 (dup)	–	**21**	–
SG-20	–	**800**	–
SG-21	–	**150**	–
SG-22	< 5	< 5	–
SG-23	–	**500**	–
SG-24	–	**8,000**	–
SG-24 (dup)	–	**20,000**	–
SG-25	–	< 5	–
SG-103	**20**	**35**	< 20
SG-106	**20**	**16,000**	< 20
SG-107	< 2	**5**	< 20
SG-108	< 2	**Trace**	< 20
SG-109	**10**	**45**	< 20
SG-123	**5**	**10**	< 20
SG-123 (dup)	**Trace**	< 10	< 20
SG-124	< 2	< 5	< 20
SG-125	**5**	**10**	< 20
SG-125 (dup)	**10**	**20**	< 20
SG-126	**35**	**140**	< 20
SG-131	**90**	**30**	< 20
SG-133	< 5	< 10	< 20
SG-136	**10**	**20**	< 20

Notes: 1. Results in parts per billion.
2. Detected results in bold.
3. Dup = duplicate sample.

Table D-6

Confirmation Soil Sampling Results
Closure of Equalizing and Settling Lagoons
BSB Property, Kent, Washington

Lab Sample Number	Sample Description	Date Sample Collected	Water-soluble Cyanide (mg/L)	EP Toxicity Metals (mg/L)						
				Arsenic	Cadmium	Chromium	Lead	Copper	Nickel	Zinc
1001	Settling lagoon composite	9/18/87, 9/19/87	**0.042**	< 0.2	**2.5**	< 0.1	< 0.1	< 0.1	**0.3**	**0.2**
1002	Equalizing lagoon composite no. 1	9/19/87	**1.1**	< 0.2	**1.3**	< 0.1	< 0.1	**0.2**	**0.5**	**0.2**
1003	Equalizing lagoon composite no. 2	9/19/87	**2.0**	< 0.2	**1.2**	< 0.1	< 0.1	**1.0**	**0.8**	**0.2**
1004	Equalizing lagoon composite no. 3	9/21/87	**0.014**	< 0.2	**0.01**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1005	Equalizing lagoon composite no. 4	9/19/87	**0.035**	< 0.2	**0.31**	< 0.1	< 0.1	< 0.1	**0.2**	**0.1**
1006	Equalizing lagoon composite no. 5	9/19/87	**0.020**	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Notes: 1. Source = *Closure Report for the Equalizing Lagoon and Settling Basin Regulated Waste Management Units* (Landau, 1988a).
2. Each composite sample was formed from 5 individual grab samples.
3. Detections in bold.

Table D-7

Confirmation Soil Sampling Results
Southwestern Drying Beds Closure
BSB Property, Kent, Washington

Lab Sample Number	Sample Description	Date Sample Collected	pH	EP Toxicity Constituents (mg/L)							
				Arsenic	Cadmium	Chromium	Lead	Copper	Nickel	Zinc	Cyanide
1000	East drying bed composite no. 1	8/1/88	7.5	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1001	East drying bed composite no. 2	8/1/88	7.2	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1002	Center drying bed composite no. 1	8/1/88	6.4	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1003	Center drying bed composite no. 2	8/1/88	7.2	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1004	West drying bed composite no. 1	8/1/88	6.9	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1005	West drying bed composite no. 2	8/1/88	7.3	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
31	Center/west drying bed composite	8/1/88	5.3	< 0.2	**0.53**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1006	East drying bed composite no. 3	8/3/88	6.8	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1007	East drying bed composite no. 4	8/3/88	6.7	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1008	Center drying bed composite no. 3	8/3/88	6.7	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1009	Center drying bed composite no. 4	8/3/88	6.8	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1010	West drying bed composite no. 3	8/3/88	6.8	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1011	West drying bed composite no. 4	8/3/88	7..3	< 0.2	< 0.01	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Notes: 1. Source = *Closure Report for the Three Sludge Drying Beds Regulated Waste Management Units* (Landau, 1988b).
2. Each composite sample was formed from 5 individual grab samples.
3. EP Toxicity test detections in bold.

Table D-8

Parcel G Source Area Investigation Soil Inorganics Results
BSB Property, Kent, Washington

Sample Number	Date Collected	Sample Depth	Chromium	Iron	Manganese	Chemical Oxygen Demand
SP-1	11/28/00	21	13	10,400	94	9,678
SP-5	12/1/00	29	6	5,560	47	1,648
SP-9	12/1/00	20	17	12,400	129	17,193
SP-10	12/1/00	33	11	10,000	82	7,775
SP-11	11/29/00	32	6	7,890	89	11,213
SP-11	11/29/00	34	11	12,800	126	11,301
SP-12	11/30/00	14	14	8,660	83	11,699

Notes: 1. Depths in feet below ground surface.
2. Results in mg/kg.

Table D-9

Total Chlorinated VOC Concentrations in Unsaturated Soil
BSB Property, Kent, Washington

Test Boring	Sample # 1 (mg/kg)	Mean Depth (ft)	Sample # 2 (mg/kg)	Mean Depth (ft)	Sample # 3 (mg/kg)	Mean Depth (ft)	Sample # 4 (mg/kg)	Mean Depth (ft)	Sample # 5 (mg/kg)	Mean Depth (ft)
TH-1	0.760	1.0	7.119	2.4	–	–	–	–	–	–
TH-2	79.609	1.7	–	–	–	–	–	–	–	–
TH-3	4.396	1.2	111.583	2.0	–	–	–	–	–	–
TH-4	0.638	1.0	2.417	2.9	–	–	–	–	–	–
TH-5	0.120	1.1	–	–	–	–	–	–	–	–
TH-6	0.039	1.1	0.294	3.2	–	–	–	–	–	–
TH-7	0.138	2.0	0.163	3.7	–	–	–	–	–	–
TH-8	0.094	1.5	3.014	4.0	–	–	–	–	–	–
TH-9	0.058	3.5	0.011	4.5	–	–	–	–	–	–
TH-10	1.026	2.5	0.908	3.0	0.807	3.6	–	–	–	–
TH-11	0.020	1.7	0.360	1.6	–	–	–	–	–	–
TH-12	ND	1.1	0.004	1.7	0.006	2.3	0.002	3.0	–	–
TH-13	9.376	1.5	44.271	2.2	35.882	3.0	–	–	–	–
TH-14	0.370	2.1	0.139	3.0	–	–	–	–	–	–
TH-15	0.719	3.0	1.947	4.3	–	–	–	–	–	–
TH-16	1.450	2.7	1.968	3.7	0.565	4.6	–	–	–	–
TH-17	1.802	2.7	1.144	3.7	2.996	4.6	–	–	–	–
TH-18	0.571	1.9	1.781	3.3	1.732	4.3	–	–	–	–
TH-19	0.013	1.6	0.061	2.7	0.053	3.4	0.002	4.0	–	–
TH-20	0.113	1.2	1.082	2.2	0.693	3.2	–	–	–	–
TH-21	0.512	1.0	0.924	1.7	0.667	2.8	–	–	–	–
TH-22	1.661	2.0	2.177	3.0	–	–	–	–	–	–
TH-23	0.017	1.5	4.364	2.5	5.033	3.2	4.545	3.7	3.027	4.2
TH-24	0.233	0.7	0.239	2.0	0.291	3.0	–	–	–	–
TH-25	0.183	1.7	0.378	2.0	0.842	3.0	–	–	–	–

Notes: 1. Depth in feet below ground surface.
2. – = not analyzed.
3. ND = not detected above the method reporting limit.

Table D-10

Confirmation Soil Sample Results for Parcel G Drum Storage Area Excavation
BSB Property, Kent, Washington

Constituent	Analytical Results (mg/kg)																		
	1A-a	1A-b	1A-c	2A-a	2A-b	3A-a	3A-a'	3A-b	3A-b'	3A-c	3A-c'	4A-a	4A-b	4A-c	5A-a	5A-b	5A-c	6A-a	6A-b
Vinyl chloride	< 0.1	< 0.1	< 0.1	< 0.1	**0.2**	< 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	< 0.1
1,1-dichloroethene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.2**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene chloride	< 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**	< 0.1	**0.2**	**0.1**	< 0.1	**0.2**	**0.1**
trans-1,2-dichloroethene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1-dichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
cis-1,2-dichloroethene	< 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	< 0.1	< 0.1	< 0.1	**0.6**	< 0.1	< 0.1
Chloroform	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1,1-trichloroethane	< 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	< 0.1	< 0.1	< 0.1	**1**	< 0.1	< 0.1
Carbon tetrachloride	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2-dichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	< 0.1	**4**	**8**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**5**	**3**	< 0.1	**3**	**8**	**19**	**4**	**90**	**1**	< 0.1
Toluene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1,2-trichloroethane	< 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	< 0.1	**0.1**	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 0.1	< 0.1	**0.2**	< 0.1	**0.2**	< 0.1	< 0.1	< 0.1	< 0.1	**1**	**0.7**	< 0.1	**0.8**	**2**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
m,p-xylene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
o-xylene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Notes:

1. Source: Sweet-Edwards/EMCON letter to Heath Tecna Aerospace dated November 22, 1988.
2. All samples collected above the water table between October 22 and November 7, 1988.
3. Sample suffixes "a", "b", and "c" represent samples collected near the top, middle, and bottom of the excavation, respectively.
4. Samples with a ' suffix represent duplicate samples.

Table D-10

Confirmation Soil Sample Results for Parcel G Drum Storage Area Excavation
BSB Property, Kent, Washington

Constituent	Analytical Results (mg/kg)																	
	6A-c	7A-a	7A-b	7A-c	8A-a	8A-a'	8A-b	8A-b'	8A-c	8A-c'	9A-a	9A-b	11A-a	11A-b	11A-c	12A-a	12A-b	12A-c
Vinyl chloride	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1-dichloroethene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Methylene chloride	< 0.1	**0.4**	**0.1**	**0.2**	**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	**0.1**
trans-1,2-dichloroethene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1-dichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
cis-1,2-dichloroethene	**36**	< 0.1	**0.1**	**0.6**	< 0.1	< 0.1	< 0.1	< 0.1	**0.5**	**0.5**	< 0.1	**0.3**	**8**	**9**	**2**	< 0.1	< 0.1	**0.2**
Chloroform	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1,1-trichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	**0.1**
Carbon tetrachloride	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2-dichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Trichloroethene	**19**	< 0.1	**0.4**	**1**	< 0.1	< 0.1	**0.1**	**0.2**	**0.5**	**2**	**0.3**	**3**	**3**	**26**	**11**	**0.3**	**1**	**0.5**
Toluene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,1,2-trichloroethane	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Ethylbenzene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
m,p-xylene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
o-xylene	< 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	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Notes:

1. Source: Sweet-Edwards/EMCON letter to Heath Tecna Aerospace dated November 22, 1988.
2. All samples collected above the water table between October 22 and November 7, 1988.
3. Sample suffixes "a", "b", and "c" represent samples collected near the top, middle, and bottom of the excavation, respectively.
4. Samples with a ' suffix represent duplicate samples.

Table D-10

Confirmation Soil Sample Results for Parcel G Drum Storage Area Excavation
BSB Property, Kent, Washington

Constituent	Analytical Results (mg/kg)															
	23A-a	23A-b	23A-bb	23A-c	24A-a	24A-b	24A-c	1B-a	1B-b	1B-c	2B-a	2B-b	2B-c	14B-a	14B-b	14B-c
Vinyl chloride	< 0.1	**0.1**	< 0.1	**0.1**	< 0.1	< 0.1	< 0.1	**0.3**	< 0.1	**0.2**	**0.2**	**0.4**	**0.8**	**0.9**	**2**	**2**
1,1-dichloroethene	< 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	< 0.1	< 0.1	< 0.1
Methylene chloride	< 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	< 0.1	< 0.1	< 0.1
trans-1,2-dichloroethene	< 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	< 0.1	< 0.1	< 0.1
1,1-dichloroethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.2**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**0.1**	**0.3**	**0.2**
cis-1,2-dichloroethene	< 0.1	< 0.1	< 0.1	**0.2**	< 0.1	< 0.1	< 0.1	**0.9**	**0.2**	**1**	**12**	**11**	**15**	**0.1**	< 0.1	**1**
Chloroform	< 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	< 0.1	< 0.1	< 0.1
1,1,1-trichloroethane	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**4**	< 0.1	**1**	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Carbon tetrachloride	< 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	< 0.1	< 0.1	< 0.1
1,2-dichloroethane	< 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	**0.1**	< 0.1	< 0.1
Benzene	< 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	< 0.1	< 0.1	< 0.1
Trichloroethene	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	**130**	**17**	**80**	**6**	**15**	**59**	< 0.1	< 0.1	< 0.1
Toluene	< 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	**0.1**	< 0.1	< 0.1
1,1,2-trichloroethane	< 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	< 0.1	< 0.1	< 0.1
Tetrachloroethene	< 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	< 0.1	< 0.1	< 0.1
Ethylbenzene	< 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	< 0.1	< 0.1	< 0.1
m,p-xylene	< 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	**0.1**	< 0.1	< 0.1
o-xylene	< 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	< 0.1	< 0.1	< 0.1

Notes:

1. Source: Sweet-Edwards/EMCON letter to Heath Tecna Aerospace dated November 22, 1988.
2. All samples collected above the water table between October 22 and November 7, 1988.
3. Sample suffixes "a", "b", and "c" represent samples collected near the top, middle, and bottom of the excavation, respectively.
4. Samples with a ' suffix represent duplicate samples.

Table D-11

Summary of Soil VOC Results from Hand Auger Samples
BSB Property, Kent, Washington

Hand Auger Boring Site	Sample Zone	Vinyl Chloride	1,1-Dichloro-ethene	Methylene-chloride	Trans-Dichloro-ethene	1,1-Dichloro-ethane	1,1,1-Trichloro-ethane	1,2-Dichloro-ethane	Trichloro-ethene	Toluene	Tetrachloro-ethene	Total Xylenes	Ethyl-benzene
HA-13	U	ND	**16**	ND	ND	ND	ND	**19**	**68**	ND	**12**	**67**	ND
	S	**400**	**10**	ND	ND	**17**	**2**	ND	**39**	ND	ND	**13**	ND
HA-14	U	ND	ND	ND	ND	**13**	ND	ND	**10**	ND	ND	ND	ND
	S	**50**	ND	ND	ND	**16**	ND	ND	**7**	ND	ND	ND	ND
HA-15	U	ND	**52**	ND	ND	**57**	**4**	**33**	**12**	ND	ND	**16**	ND
	S	ND	**15**	**140**	ND	**21**	**3**	**97**	**2**	ND	ND	**21**	ND
HA-16	U	ND	**17**	ND	ND	**10**	ND	ND	**86**	ND	**58**	**25**	**13**
	S	ND	**18**	ND	**11**	**18**	ND	**21**	**39**	ND	ND	**15**	ND
HA-17	U	ND	**18**	ND	ND	**160**	**5**	**42**	**90**	**36**	ND	**59**	ND
	S	**170**	**40**	ND	ND	**800**	**25**	**500**	**150**	**10**	ND	**87**	ND
HA-18	U	ND	**13**	ND	ND	**46**	**3**	ND	**20**	ND	ND	**18**	**14**
	S	ND	**12**	ND	ND	**68**	**2**	ND	**5**	ND	ND	**10**	ND
HA-19	S	**79**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HA-20	U	ND	ND	ND	ND	ND	**2**	ND	**10**	**10**	ND	ND	ND
	S	ND	ND	ND	ND	ND	ND	**13**	**15**	ND	ND	**61**	**15**
HA-21	U	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	S	ND	ND	ND	ND	ND	ND	ND	ND	**10**	ND	ND	ND
HA-22	U	ND	ND	ND	ND	ND	ND	ND	**48**	**14**	ND	**38**	ND
	S	ND	ND	ND	ND	ND	ND	ND	**48**	ND	ND	**130**	**13**
HA-23	U	ND	ND	ND	ND	ND	ND	**1,000**	**60,000**	**47**	**170**	**2,000**	**66**
	S	ND	ND	**18**	ND	ND	**98**	**36**	**200,000**	**120**	**480**	**5,000**	**800**
HA-24	U	ND	**44**	**147**	**31**	**14**	**4,000**	**78**	**800,000**	**2,000**	**100,000**	**30,000**	**9,000**
	S	**34**	**260**	ND	**380**	ND	**4,000**	ND	**2,000,000**	**60,000**	**10,000**	**30,000**	**60,000**
HA-25	U	ND	**55**	**12**	**13**	**97**	**20,000**	**260**	**50,000**	**700**	**50,000**	**40,000**	**900**
	S	ND	**65**	**290**	**75**	**58**	**8,000**	**34**	**30,000**	**6,000**	**8,000**	**10,000**	**10,000**
HA-26	U	ND	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	S	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HA-27	S	ND	**21**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HA-BN	S	ND	ND	ND	ND	ND	**3**	ND	**2**	ND	ND	ND	ND

Notes: 1. Results in µg/kg.
2. U = unsaturated zone sample.
3. S = saturated zone sample.
4. Detections shown in bold.

Table D-12

Phase 3 Soil VOC Results
BSB Property, Kent, Washington

Boring	Location	Depth (feet)	Vinyl Chloride	Methylene Chloride	1,1-Dichloro-ethene	1,1-Dichloro-ethane	trans-1,2-dichloroethene	Trichloro-ethene	1,1,1-Tri-chloroethane	Tetrachloro-ethene	Toluene	Ethylbenzene	Total Xylenes
HYSS-4	North of	11 - 12.5	**3,700**	< 100	**74**	**30**	**24,000**	< 20	< 20	ND	< 20	ND	ND
	equalizing basin	16 - 17.5	**140**	< 100	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
HYSS-6	NW corner of	4 - 6	< 10	**200**	< 20	**22**	< 40	< 20	< 20	ND	< 20	ND	ND
	waste facility	11.5 - 13	**190**	< 100	< 20	**47**	< 40	< 20	< 20	ND	< 20	ND	ND
HYSS-7	Old Glick basin	1.5 - 3	**120**	< 100	< 20	**91**	< 40	< 20	< 20	ND	< 20	ND	ND
		6 - 7.5	**1,000**	**540**	**39**	**210**	**2,300**	**1,500**	< 20	ND	< 20	ND	ND
		16 - 17	**240**	**840**	**23**	**49**	**9,700**	**130,000**	< 20	ND	**22**	ND	ND
HYSS-8	SW corner of	3 - 4.5	**190**	**170**	**160**	**630**	**260**	**6,200**	**61,000**	ND	**80**	ND	ND
	waste facility	8 - 9.5	< 10	< 100	**530**	**1,500**	**1,500**	**11,000**	**4,800**	ND	**44**	ND	ND
		16 - 17.5	**430**	**350**	**190**	**550**	**21,000**	**48,000**	**36,000**	ND	**52**	ND	ND
HYSS-9	East end of	1.5 - 3	< 10	< 100	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
	ditch	7.5 - 9	**230**	**240**	**20**	**20**	**40**	< 20	< 20	ND	< 20	ND	ND
HYSS-10	Middle of ditch	1 - 3	< 10	< 100	< 20	< 20	**46**	**73,000**	**34**	ND	< 20	ND	ND
		6 - 7.5	< 10	< 100	< 20	< 20	**240**	**185,000**	**180**	**120**	**730**	**70**	**500**
		8 - 10	< 10	**400**	< 20	< 20	**120**	**220,000**	**110**	ND	**540**	ND	ND
HYSS-11	Old drying bed	2.5 - 4	< 10	< 100	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
		7 - 8.5	< 10	**190**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
		8.5 - 10	< 10	**760**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
HYSS-12	Pit north of	2.5 - 4	< 10	**130**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
	drying beds	7 - 8.5	< 10	**130**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
HYSS-14	South of drying	1.5 - 3	< 10	**200**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
	bed	4.5 - 6	< 10	**140**	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
		8 - 10.5	< 10	< 100	< 20	< 20	< 40	< 20	< 20	ND	< 20	ND	ND
HYSS-15	Drum storage area	13 - 14.5	< 100	< 100	< 100	< 100	**5,400**	**79,000**	< 100	< 100	< 100	< 100	< 100
HYSS-16	Drum storage area	19.5 - 21	< 100	< 100	< 100	< 100	**20,000**	**70,000**	< 100	**14,000**	< 100	< 100	< 100
HYSS-17	Drum storage area	7 - 8.5	< 100	< 100	< 100	**3,500**	**14,000**	< 100	**2,500**	< 100	< 100	< 100	< 100
HYSS-18	Drum storage area	10 - 11.5	< 100	< 100	< 100	< 100	**31,000**	**20,000**	< 100	< 100	< 100	< 100	< 100

Notes: 1. Results in µg/kg.
2. Depths in feet below ground surface.
3. Detections in bold.
4. ND = not detected; method detection limit not reported.

Table D-13

Parcel G Source Area Investigation Soil VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	*trans*- 1,2-DCE	1,1-DCA	*cis* -1,2-DCE	TCE	PCE	Total VOCs
Detection Limit		0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	NA
SP1-20	11/28/00	ND	ND	ND	ND	ND	ND	**0.24**	ND	ND	**0.24**
SP1-21	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP1-31	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP1-38	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP1-40	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP2-18	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP2-19	11/28/00	ND	ND	ND	ND	ND	ND	**1.3**	ND	ND	**1.3**
SP2-21	11/28/00	ND	ND	ND	ND	ND	ND	**5.8**	ND	ND	**5.8**
SP2-38	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP2-40.5	11/28/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP3-16	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP3-18	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP3-21	11/29/00	ND	ND	ND	ND	ND	ND	**0.60**	ND	ND	**0.6**
SP3-24	11/29/00	ND	ND	ND	ND	ND	ND	**1.3**	ND	ND	**1.3**
SP3-27	11/29/00	ND	ND	ND	ND	ND	ND	**3.9**	**1.6**	ND	**5.5**
SP3-30	11/29/00	ND	ND	ND	ND	ND	ND	**5.9**	**6.7**	ND	**12.6**
SP3-38.5	11/29/00	ND	ND	ND	ND	ND	ND	**0.06**	**0.07**	ND	**0.1**
SP4-16.5	12/1/00	ND	ND	ND	ND	ND	ND	**0.71**	**0.10**	ND	**0.8**
SP4-21	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP4-41	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP4-43	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP5-17	12/1/00	ND	ND	ND	ND	ND	ND	**0.61**	**0.13**	ND	**0.7**
SP5-18	12/1/00	**0.43**	ND	ND	ND	ND	ND	**1.9**	**0.06**	ND	**2.4**
SP5-20	12/1/00	**0.46**	**0.10**	ND	ND	**0.06**	ND	**23**	**37**	ND	**60.6**
SP5-A	12/1/00	**0.51**	**0.08**	ND	ND	**0.08**	ND	**25**	**>40**	ND	**25.7**
SP5-23	12/1/00	ND	ND	ND	ND	ND	ND	**9.3**	**9.1**	ND	**18.4**
SP5-35	12/1/00	ND	ND	ND	ND	ND	ND	**3.4**	**6.5**	ND	**9.9**
SP5-40	12/1/00	ND	ND	ND	ND	ND	ND	**0.30**	**0.49**	ND	**0.8**
SP5-41	12/1/00	ND	ND	ND	ND	ND	ND	**0.20**	ND	ND	**0.2**
SP6-17	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP6-21	11/29/00	**1.3**	ND	ND	ND	ND	ND	**3.5**	ND	ND	**4.8**
SP6-22	11/29/00	ND	ND	ND	ND	ND	ND	**0.37**	ND	ND	**0.4**
SP6-33	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP6-36	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP7-11	11/30/00	ND	ND	ND	ND	ND	ND	**0.18**	**0.11**	ND	**0.3**
SP7-B	11/30/00	ND	ND	ND	ND	ND	ND	**0.21**	**0.10**	ND	**0.3**
SP7-13	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP7-A	11/30/00	ND	ND	ND	ND	ND	ND	**0.08**	ND	ND	**0.1**
SP7-40	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP7-C	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP7-43	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP7-D	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP8-8	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP8-9	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0

Table D-13

Parcel G Source Area Investigation Soil VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	*trans*-1,2-DCE	1,1-DCA	*cis*-1,2-DCE	TCE	PCE	Total VOCs
Detection Limit		0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	NA
SP8-11	11/30/00	**1.1**	ND	ND	ND	ND	ND	**5.0**	ND	ND	**6.1**
SP8-41	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP8-44	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP9-8	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP9-11	12/1/00	**1.2**	ND	ND	ND	**0.95**	ND	ND	ND	ND	**2.2**
SP9-20	12/1/00	**1.1**	**0.32**	ND	**0.13**	**0.20**	ND	**77**	**250**	ND	**328.8**
SP9-34	12/1/00	**0.47**	ND	ND	ND	**0.19**	ND	**2.7**	**0.45**	ND	**3.8**
SP9-36	12/1/00	ND	ND	ND	ND	ND	ND	**0.56**	**0.10**	ND	**0.7**
SP10-7	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP10-8	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP10-11	12/1/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP10-17	12/1/00	ND	ND	ND	ND	ND	ND	**0.24**	ND	ND	**0.2**
SP10-19.5	12/1/00	**1.1**	ND	ND	ND	**0.18**	ND	**33**	**3.2**	ND	**37.5**
SP10-24	12/1/00	ND	ND	ND	ND	ND	ND	**8.7**	**0.14**	ND	**8.8**
SP10-30	12/1/00	ND	ND	ND	ND	**0.76**	ND	**11**	**93**	ND	**104.8**
SP10-33	12/1/00	ND	ND	ND	ND	**0.44**	ND	**9.1**	**77**	ND	**86.5**
SP10-36	12/1/00	ND	ND	ND	ND	**0.81**	ND	**12**	**100**	ND	**112.8**
SP11-6	11/29/00	ND	ND	ND	ND	ND	ND	**0.33**	ND	ND	**0.3**
SP11-10	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP11-14	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP11-32	11/29/00	ND	**3.1**	**2.2**	**15.8**	ND	ND	**1.5**	**570**	**7.8**	**600.4**
SP11-34	11/29/00	ND	ND	**3.5**	ND	ND	ND	**0.46**	**130**	**1.8**	**135.8**
SP12-10	11/30/00	**0.61**	ND	ND	ND	ND	ND	**2.0**	ND	ND	**2.6**
SP12-12	11/30/00	**0.73**	ND	ND	ND	ND	ND	**7.3**	ND	ND	**8.0**
SP12-14	11/30/00	**1.30**	ND	ND	ND	**0.05**	ND	**11**	**1.2**	ND	**13.6**
SP12-24	11/30/00	ND	**0.18**	ND	ND	ND	ND	**0.33**	ND	ND	**0.5**
SP12-30	11/30/00	ND	ND	ND	ND	**0.07**	ND	**1.4**	ND	ND	**1.5**
SP12-33	11/30/00	ND	ND	ND	ND	**0.06**	ND	**1.2**	ND	ND	**1.3**
SP13-9	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP13-11	11/30/00	ND	ND	ND	ND	ND	ND	ND	**1.3**	ND	**1.3**
SP13-A	11/30/00	ND	ND	ND	ND	ND	ND	ND	**7.1**	ND	**7.1**
SP13-14	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP13-29	11/30/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP13-32	11/30/00	ND	ND	ND	ND	ND	ND	**0.08**	ND	ND	**0.1**
SP14-21	11/29/00	ND	ND	ND	ND	ND	ND	**0.57**	ND	ND	**0.6**
SP14-22	11/29/00	ND	ND	ND	ND	ND	ND	**0.94**	ND	ND	**0.9**
SP14-24	11/29/00	ND	ND	ND	ND	ND	ND	**0.50**	ND	ND	**0.5**
SP14-37	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP14-39	11/29/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30-11	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30-12	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30-14	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30-32	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30-33	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP31-17	12/11/00	ND	ND	ND	ND	ND	ND	**0.84**	ND	ND	**0.8**
SP31-18	12/11/00	ND	ND	ND	ND	ND	ND	**0.91**	**0.10**	ND	**1.0**

Table D-13

Parcel G Source Area Investigation Soil VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	*trans*-1,2-DCE	1,1-DCA	*cis*-1,2-DCE	TCE	PCE	Total VOCs
Detection Limit		0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	NA
SP31-20	12/11/00	ND	ND	ND	ND	ND	ND	**3.1**	**0.69**	ND	**3.8**
SP31-23	12/11/00	ND	ND	ND	ND	ND	ND	**6.8**	**2.6**	ND	**9.4**
SP31-39	12/11/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP31-41	12/11/00	ND	ND	ND	ND	ND	ND	**1.2**	**0.18**	ND	**1.4**
SP32-11	12/14/00	ND	ND	ND	ND	ND	ND	**0.97**	**2.1**	ND	**3.1**
SP32-14	12/14/00	ND	ND	ND	ND	ND	ND	**3.4**	**5.1**	ND	**8.5**
SP32-17	12/14/00	ND	ND	ND	ND	ND	ND	**11**	**15**	ND	**26.0**
SP32-20	12/14/00	ND	ND	ND	ND	ND	ND	**7.1**	**25**	ND	**32.1**
SP32-23	12/14/00	ND	ND	ND	ND	ND	ND	**1.5**	**4.4**	ND	**5.9**
SP32-28	12/14/00	ND	ND	ND	ND	ND	ND	**1.4**	**7.7**	ND	**9.1**
SP32-29	12/14/00	ND	ND	ND	ND	ND	ND	**3.3**	**30**	ND	**33.3**
SP33-17	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP33-20	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP33-21	12/14/00	ND	ND	ND	ND	ND	ND	**0.51**	ND	ND	**0.5**
SP33-27	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP33-30	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-16	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-18	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-20	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-30	12/14/00	ND	ND	ND	ND	ND	ND	**3.4**	**3.6**	ND	**7.0**
SP-34-36	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-A	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP34-39	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP35-12	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP35-14	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP35-16	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP35-31	12/13/00	ND	ND	ND	ND	ND	ND	ND	**0.30**	ND	**0.3**
SP35-33	12/13/00	ND	ND	ND	ND	ND	ND	**0.27**	**120**	**0.06**	**120.3**
SP36-11	12/14/00	ND	**0.26**	ND	**0.23**	ND	ND	ND	ND	ND	**0.5**
SP36-12	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP36-17	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP36-18	12/14/00	ND	**0.08**	**0.10**	ND	ND	ND	**0.20**	ND	ND	**0.4**
SP36-20	12/14/00	ND	ND	ND	ND	ND	ND	**6.1**	**1.0**	ND	**7.1**
SP36-A	12/14/00	ND	ND	ND	ND	ND	ND	**5.4**	**1.3**	ND	**6.7**
SP36-23	12/14/00	ND	ND	ND	ND	ND	ND	**2.0**	**1.6**	ND	**3.6**
SP36-38	12/14/00	ND	ND	ND	ND	ND	ND	**0.05**	**0.08**	ND	**0.1**
SP36-40	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP37-11	12/13/00	**0.80**	**0.07**	**0.05**	**0.09**	ND	ND	**3.9**	ND	ND	**4.9**
SP37-12	12/13/00	**0.97**	**0.07**	**0.12**	**1.44**	ND	ND	**7.7**	ND	ND	**10.3**
SP37-14	12/13/00	**1.9**	ND	ND	ND	ND	**0.07**	**4.6**	ND	ND	**6.6**
SP37-30	12/13/00	ND	ND	ND	ND	ND	**1.3**	**7.4**	ND	ND	**8.7**
SP37-32	12/13/00	ND	ND	ND	ND	**0.63**	ND	**19**	**16**	ND	**35.6**
SP38-8	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP38-12	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP38-17	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP38-30	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0

Table D-13

Parcel G Source Area Investigation Soil VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	*trans*- 1,2-DCE	1,1-DCA	*cis* -1,2-DCE	TCE	PCE	Total VOCs
Detection Limit		0.25	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	NA
SP38-32	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP39-30	12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP39-32	12/14/00	ND	ND	ND	ND	ND	ND	**0.46**	ND	ND	**0.5**
No. of Detections		15	9	5	5	13	2	71	44	3	
Detection %		11	6	4	4	9	1	51	32	2	
Maximum		1.9	3.1	3.5	15.8	1.0	1.3	77	570	7.8	
Minimum		0.43	0.07	0.05	0.09	0.05	0.07	0.05	0.06	0.06	

Notes:
1. Results in mg/kg.
2. Only detected constituents shown.
3. Soil samples are numbered by location with a depth suffix; samples with letter suffixes represent duplicates of the samples immediately above.
4. Benzene, 1,1-dichloroethene, methylene chloride, chloroform, 1,1,1-trichlroethane, carbon tetrachloride, 1,2-dichloroethane, 1,1,2-trichloroethane, and 1,1,1,2-tetrachloroethane not detected above 0.05 mg/kg.
5. Detections shown in bold.
6. ND = not detected.
7. *trans* -1,2-DCE = *trans* -1,2-dichloroethene.
8. 1,1-DCA = 1,1-dichloroethane.
9. *cis* -1,2-DCE = *cis* -1,2-dichloroethene.
10. TCE = trichloroethene.
11. PCE = tetrachloroethene.

Table D-14

Parcel G Groundwater Metals Results
BSB Property, Kent, Washington

Site	Replicate	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Hex + Tri Chromium	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
HY-1s	H	6/25/1982	–	–	–	–	< 2	–	< 5	< 2	**6**	–	–	< 10	–	–	**17**
	Y	6/25/1982	–	–	–	–	–	–	< 5	–	–	–	–	–	–	–	–
	4	6/25/1982	–	–	–	–	–	–	< 5	–	–	–	–	–	–	–	–
	5	6/25/1982	–	–	–	–	–	–	< 5	–	–	–	–	–	–	–	–
	H	10/1/1982	–	–	–	–	< 2	–	< 5	**3**	**4**	–	–	< 5	–	–	**11**
	Y	10/1/1982	–	–	–	–	< 2	–	< 5	**3**	**4**	–	–	< 5	–	–	**18**
	4	10/1/1982	–	–	–	–	< 2	–	< 5	**5**	< 2	–	–	< 5	–	–	**14**
	5	10/1/1982	–	–	–	–	< 2	–	< 5	**5**	**5**	–	–	< 5	–	–	**29**
	A	1/10/1983	–	–	–	–	< 2	–	< 5	< 2	**16**	–	–	< 5	–	–	**120**
	B	1/10/1983	–	–	–	–	< 2	–	< 5	< 2	**2**	–	–	< 5	–	–	**110**
	C	1/10/1983	–	–	–	–	< 2	–	< 5	< 2	**7**	–	–	< 5	–	–	**22**
	D	1/10/1983	–	–	–	–	< 2	–	< 5	< 2	**2**	–	–	< 5	–	–	**23**
	A	4/8/1983	–	–	–	–	**2**	< 2	< 5	–	< 2	–	–	< 5	–	–	**9**
	B	4/8/1983	–	–	–	–	**2**	< 2	< 5	–	< 2	–	–	< 5	–	–	**9**
	C	4/8/1983	–	–	–	–	**3**	< 2	< 5	–	< 2	–	–	< 5	–	–	**11**
	D	4/8/1983	–	–	–	–	**4**	< 2	< 5	–	< 2	–	–	< 5	–	–	**13**
	–	11/2/1983	< 5	**61**	–	< 2	< 1	< 2	–	–	< 2	< 5	< 5	< 5	< 5	< 2	**2**
	–	1/31/1984	–	–	–	–	< 10	< 20	–	–	< 20	< 20	–	< 20	–	–	**30**
	–	1/31/1984	< 2	**50**	–	< 2	< 1	< 2	–	–	< 2	< 5	< 0.5	< 5	< 5	< 2	**2**
	–	9/10/1984	–	**46**	–	–	–	**5**	–	–	**5**	–	–	< 5	–	< 5	**14**
HYCP-2	–	1/17/95	–	–	< 5	–	< 3	< 5	–	–	< 10	–	–	< 20	–	–	**12**
	–	3/28/96	–	–	**7**	–	< 4	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	3/4/97	–	–	**7**	–	< 4	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	3/10/98	–	–	**12**	–	< 4	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	4/22/99	–	–	**7**	–	< 4	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	4/17/00	–	–	**10**	–	< 4	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	4/26/01	–	–	**8.1**	–	< 5	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	4/25/02	–	–	**9.1**	–	< 5	< 5	–	–	< 10	–	–	< 20	–	–	< 10
	–	4/10/03	–	–	**9.6**	–	< 2	< 3	–	–	**5.7 JB**	–	–	< 20	–	–	**3.5 JB**
	–	4/14/04	–	–	**10.4**	–	< 5	< 5	–	–	< 10	–	–	< 20	–	–	< 10

Table D-14

Parcel G Groundwater Metals Results
BSB Property, Kent, Washington

Site	Replicate	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Hex + Tri Chromium	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mercury	Nickel	Selenium	Silver	Zinc
HYCP-5	–	1/17/95	–	–	**20**	–	< 3	**8**	–	–	< 10	–	–	**66**	–	–	**14**
	–	3/28/96	–	–	**21**	–	< 4	**10**	–	–	< 10	–	–	**59**	–	–	< 10
	–	3/4/97	–	–	**16**	–	< 4	**13**	–	–	< 10	–	–	**75**	–	–	< 10
	–	3/9/98	–	–	**21**	–	< 4	**12**	–	–	< 10	–	–	**90**	–	–	< 10
	–	4/23/99	–	–	**15**	–	< 4	**12**	–	–	< 10	–	–	**109**	–	–	< 10
	–	4/17/00	–	–	**14**	–	< 4	**9**	–	–	< 10	–	–	**81**	–	–	< 10
	–	4/26/01	–	–	**14.8**	–	< 5	**7.8**	–	–	< 10	–	–	**48**	–	–	< 10
	–	4/25/02	–	–	**15.4**	–	< 5	**11.7**	–	–	< 10	–	–	**114**	–	–	**13.9**
	–	4/9/03	–	–	**11.5**	–	< 2	**14.8**	–	–	**4.1 JB**	–	–	**98**	–	–	**5.3 JB**
	–	4/13/04	–	–	**14.7**	–	< 5	**10.2**	–	–	< 10	–	–	**85**	–	–	< 10
HY-1d	–	1/18/95	–	–	**32**	–	< 3	**18**	–	–	**26**	–	–	< 20	–	–	**12**
	–	3/27/96	–	–	**32**	–	< 3	**13**	–	–	**17**	–	–	< 20	–	–	**10**

Notes:
1. All results in µg/L.
2. All results represent dissolved metals (field filtered) unless otherwise specified.
3. Detections shown in bold.
4. < = not detected at the method reporting limit shown.
5. – = not analyzed.
6. J = the result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.
7. B = the analyte was found in the associated method blank at a level that is significant relative to the sample result.
8. The first 1/31/84 HY-1s sampled was analyzed in Ecology's lab as total metals; the second 1/31/84 HY-1s sample was analyzed in a Hytek-contracted lab as dissolved metals (field filtered).

Table D-15

Parcel G Groundwater General Chemistry Results
BSB Property, Kent, Washington

Well	Replicate	Date	Specific Conductance (µmhos/cm)*	pH *	Eh *	T (°C) *	Specific Conductance (µmhos/cm)	pH	Hardness (mg/L)	TOC (µg/L)	TOX (µg/L)	Chloride (mg/L)	Sulfate (mg/L)	Total Solids (mg/L)	Total Volatile Solids (mg/L)	TSS (mg/L)	TDS (mg/L)	Total Cyanide (µg/L)
HY-1s	H	6/25/1982	–	–	–	–	570	6.7	170	13,000	13,000	–	–	–	–	–	–	–
HY-1s	Y	6/25/1982	–	–	–	–	530	6.7	160	14,000	20	–	–	–	–	–	–	–
HY-1s	4	6/25/1982	–	–	–	–	380	6.7	160	14,000	27	–	–	–	–	–	–	–
HY-1s	5	6/25/1982	–	–	–	–	370	6.7	160	14,000	< 5	–	–	–	–	–	–	–
HY-1s	H	10/1/1982	–	–	–	–	350	6.7	160	8,001	990	–	–	–	–	–	–	–
HY-1s	Y	10/1/1982	–	–	–	–	340	6.8	150	11,000	22,000	–	–	–	–	–	–	–
HY-1s	4	10/1/1982	–	–	–	–	350	6.8	140	8,002	1,001	–	–	–	–	–	–	–
HY-1s	5	10/1/1982	–	–	–	–	360	6.8	160	8,000	14,000	–	–	–	–	–	–	–
HY-1s	A	1/10/1983	–	–	–	–	390	6.4	160	16,000	11	–	–	–	–	–	–	–
HY-1s	B	1/10/1983	–	–	–	–	400	6.5	160	13,000	11	–	–	–	–	–	–	–
HY-1s	C	1/10/1983	–	–	–	–	400	6.4	160	13,000	13	–	–	–	–	–	–	–
HY-1s	D	1/10/1983	–	–	–	–	400	6.4	160	11,000	10	–	–	–	–	–	–	–
HY-1s	A	4/8/1983	–	–	–	–	390	6.3	160	11,000	28	–	–	–	–	–	–	–
HY-1s	B	4/8/1983	–	–	–	–	410	6.4	160	13,000	31	–	–	–	–	–	–	–
HY-1s	C	4/8/1983	–	–	–	–	440	6.5	180	12,000	27	–	–	–	–	–	–	–
HY-1s	D	4/8/1983	–	–	–	–	410	6.3	160	1,000	29	–	–	–	–	–	–	–
HY-1s	–	11/2/1983	730	–	–	–	430	6.2	–	–	–	–	–	–	–	–	–	160
HY-1s	–	1/31/1984	–	–	–	–	370	6.3	210	6,000	–	5	110	410	62	120	280	–
HY-1s	–	1/31/1984	530	6.7	–	11	250	6.6	–	–	–	–	–	–	–	–	–	< 5
HY-1s	–	9/10/1984	625	6.33	204	17	460	6.4	210	–	–	–	–	–	–	–	–	2

Notes:
1. * = field measurement.
2. T = temperature.
3. TOC = total organic carbon.
4. TOX = total organic halogens.
5. TSS = total suspended solids.
6. TDS = total dissolved solids.
7. – = not analyzed.
8. The first 1/31/84 HY-1s sampled was analyzed in Ecology's lab; the second 1/31/84 HY-1s sample was analyzed in a Hytek-contracted lab.

Table D-16

Parcel G Boundary Investigation Groundwater General Chemistry Results
BSB Property, Kent, Washington

Sample Location	GP-1b	GP-2b	GP-20a[1]	GP-12b	GP-13b	GP-14b
Screened Interval (feet bgs)	18 to 22	13 to 17	13 to 17	15 to 19	34 to 38	22 to 26
Date Sampled	04/14/99	04/06/99	04/06/99	04/14/99	04/14/99	04/13/99
Organic and Inorganic Parameters						
Chloride	15.7	9.4	9.3	19.6	197	10.2
Nitrate as Nitrogen	0.2	< 0.2	< 0.2	< 0.2	0.5	0.3
Total Dissolved Solids	298	495	493	447	1,010	721
Sulfate	14.5	127	126	501	0.3	17
Total Organic Carbon	16.3	12	12	14	13.3	37.8
Dissolved Metals						
Calcium	26.1	15.9	15.8	54.8	18.5	19.2
Iron	25.8	29.1	28.9	52.6	4.74	10.8
Magnesium	13.8	7.34	7.28	15	19.1	16.3
Manganese	1.13	0.985	0.977	5.41	0.358	0.566
Sodium	27	114	113	223	204	117

Notes: Results reported in mg/L

< = not detected at or above the given method reporting limit (MRL)

Dissolved metals analyzed by U.S. Environmental Protection Agency (USEPA) Method 6010B; chloride, nitrate as nitrogen, and sulfate analyzed by USEPA Method 300.0; total dissolved solids (TDS) analyzed by USEPA Method 160.1; and total organic carbon (TOC) analyzed by USEPA Method 415.1

[1] GP-2b duplicate sample

Table D-17

Parcel G Boundary Investigation Groundwater Field Parameters Results
BSB Property, Kent, Washington

Sample Identification	Date Sampled	Screened Interval (ft-bgs)	Volume Purged (gallons)	Specific Conductance[a] (µS)	pH	Temperature (°C)	Oxidation Reduction Potential (mv)	Turbidity (NTU)	Dissolved Oxygen YSI Meter/Hach Kit (mg/L)	Alkalinity (mg/L)
GP-1b-10-0499	04/14/99	10 to 14	2.0	374	6.74	15	-386.4	24.6	3.42/1.7	-
GP-1b-18-0499	04/14/99	18 to 22	2.0	454	6.23	16	-391.3	269	1.5/0.1	220
GP-1b-32-0499	04/14/99	32 to 36	2.0	418	6.42	16	-430.2	>1,000	1.27/NA	-
GP-2b-13-0499[b]	04/06/99	13 to 17	4.0	502	5.86	15	-463.5	139	1.85/3.9	240
GP-2b-27-0499	04/06/99	27 to 32	30.0	394	6.11	16	-564	80.8	1.62/0.9	300
GP-12b-15-0499	04/14/99	15 to 19	2.0	1,528	6.78	14	-423.8	374	1.75/0.9	300
GP-12b-21-0499	04/14/99	21 to 25	2.0	1,010	6.50	13	-390.2	114	1.93/2.3	-
GP-12b-35-0499	04/14/99	35 to 39	2.0	350	6.67	14	-437	144	1.30/NA	-
GP-13b-11-0499	04/14/99	11 to 15	2.0	730	6.32	11	-390.3	223	1.53/1.3	-
GP-13b-20-0499	04/14/99	20 to 24	2.0	435	6.14	13	-388.8	223	1.38/1.0	-
GP-13b-34-0499	04/14/99	34 to 38	2.5	1,328	6.87	14	-446.7	501	1.34/1.0	380
GP-14b-13-0499	04/13/99	13 to 17	2.5	490	6.69	14	-90.6[c]	60.9	1.6/0.7	-
GP-14b-22-0499	04/13/99	22 to 26	3.0	542	6.39	16	-68.8[c]	515	1.4/2.4	420

Notes: NA = not analyzed, sample too turbid

[a] = field parameters collected after conductivity stabalized within +/- 10 percent. Final conductivity reading is shown.

[b] = collected duplicate sample, designated GP-20a-13-0499

[c] = reading may be off due to instrument malfunctio

Table D-18

Parcel G Boundary Investigation Groundwater Chlorinated VOC Results
BSB Property, Kent, Washington

Sample Location	GP-1b	GP-1b	GP-1b	GP-2b	GP-20a[1]	GP-2b	GP-12b	GP-12b	GP-12b	GP-13b	GP-13b	GP-13b	GP-14b	GP-14b
Screened Interval (feet bgs)	10 to 14	18 to 22	32 to 36	13 to 17	13 to 17	27 to 32	15 to 19	21 to 25	35 to 39	11 to 15	20 to 24	34 to 38	13 to 17	22 to 26
Date Sampled	04/14/99	04/14/99	04/14/99	04/06/99	04/06/99	04/06/99	04/14/99	04/14/99	04/14/99	04/14/99	04/14/99	04/14/99	04/13/99	04/13/99
Analyte														
Dichlorodifluoromethane (CFC 12)	<10	<20 J	<2 J	<5	<5	<5	<20	<1	<1	<1	<1	<1	<1	<1
Chloromethane	<10	<20 J	<2 J	<5	<5	<5	<20	<1	<1	<1	<1	<1	<1	<1
Vinyl Chloride	**190**	**4,100 J**	**31 J**	**760**	**1,000**	**220**	**180**	**23**	<0.5	**2,400**	**3,600**	**170**	**14**	**78**
Bromomethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	120	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane (CFC 11)	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	<5	**11 J**	<1 J	**10**	**12**	<2	<10	<0.5	<0.5	**1.1**	**52**	**4.7**	<0.5	**0.7**
Trichlorotrifluoroethane (CFC 113)	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methylene Chloride	<50	<100 J	<10 J	<25	<25	<25	<100	<5	<5	<5	<5	<5	<5	<5
trans-1,2-Dichloroethene	<5	**26 J**	<1 J	**22**	**35**	**9**	<10	<0.5	<0.5	**8.3**	**51**	**95**	<0.5	**10**
cis-1,2-Dichloroethene	**6**	**5,500 J**	**5 J**	**2,700**	**3,500**	**590**	**420**	**27**	**0.7**	**93**	**13,000**	**1,800**	**2.7**	**520**
1,1-Dichloroethane	**10**	**95 J**	<1 J	**14**	**54**	**6**	<10	**1.3**	**0.6**	**39**	**84**	<0.5	<0.5	**1.7**
Chloroform	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane (TCA)	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	**1.3**	**1.1**	<0.5	<0.5	<0.5
Trichloroethene (TCE)	<5	**72 J**	<1 J	**31**	**89**	<2	<10	<0.5	<0.5	<0.5	<0.5	**460**	<0.5	<0.5
1,2-Dichloropropane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	**79**	<0.5	<0.5	<0.5
Bromodichloromethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2-Chloroethyl Vinyl Ether	<50	<100 J	<10 J	<25	<25	<25	<100	<5	<5	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
Tetrachloroethene (PCE)	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	**1.0**	<0.5	<0.5	**140**	<0.5
Bromoform	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	<5	<10 J	<1 J	<2	<2	<2	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	<10	<20 J	<2 J	<5	<5	<5	<20	<1	<1	<1	<1	<1	**7**	<1
1,4-Dichlorobenzene	<10	<20 J	<2 J	<5	<5	<5	<20	<1	<1	<1	<1	<1	**67**	<1
1,2-Dichlorobenzene	<10	<20 J	<2 J	<5	<5	<5	<20	<1	<1	<1	<1	<1	**91**	<1

Notes: Results reported in µg/L
Detections shown in bold.
Analyzed by U.S. Environmental Protection Agency (USEPA) Methods 8010 or 8260
< = not detected at or above the given method reporting limit (MRL)
J = estimated result.
[1] GP-2b duplicate sampl

Table D-19

Parcel G Source Area Investigation Groundwater VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	1,1-DCE	*trans*-1,2-DCE	1,1-DCA	*cis*-1,2-DCE	TCE	Total VOCs
Detection Limit		5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	NA
SP12B-14	12/13/00	**500 E**	**52**	**4.2**	**13**	**160**	**400 E**	**66**	**92,000**	**21,000**	**113,295**
SP12B-28	12/13/00	**390**	**2.9**	ND	ND	**1.2**	**71 E**	ND	**1,100**	**15**	**1,509**
SP13B-14	12/12/00	**42**	ND	ND	ND	ND	**3.5**	ND	**170**	ND	**216**
SP13B-29	12/12/00	**5.3**	ND	ND	ND	ND	ND	ND	**3.6**	**1.4**	**10.3**
SP15-15	12/06/00	**19**	ND	ND	ND	**9.6**	**8.5**	**9.1**	**240**	**2.2**	**288.4**
SP15-27	12/06/00	ND	ND	ND	ND	ND	ND	ND	**2.5**	ND	**2.5**
SP15-A	12/06/00	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND	**1.8**
SP16-16	12/05/00	**20**	ND	ND	ND	ND	**2.6**	**4.3**	**40**	ND	**66.9**
SP16-29	12/05/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP17-14	12/06/00	**23**	ND	ND	ND	**2.8**	**5.2**	**2.9**	**170**	ND	**203.9**
SP17-A	12/06/00	**21**	ND	ND	ND	**2.6**	**4.4**	**2.3**	**150**	ND	**180.3**
SP17-26	12/06/00	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND	**1.8**
SP18-12	12/04/00	**9.5**	ND	ND	ND	**6.1**	**9.7**	**3.3**	**950**	ND	**978.6**
SP18-29	12/04/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP19-13	12/04/00	ND	ND	ND	ND	**1.0**	ND	**46**	**14**	ND	**61.0**
SP19-27	12/04/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP20-12	12/04/00	**20**	ND	ND	ND	ND	ND	**6.4**	**1.7**	ND	**28.1**
SP20-22	12/04/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP21-15	12/09/00	ND	ND	ND	ND	ND	ND	**31**	**150**	ND	**181.0**
SP21-30	12/09/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0**
SP22-13	12/04/00	**5.2**	ND	ND	ND	ND	ND	**2.1**	**20**	ND	**27.3**
SP22-25	12/04/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP23-20	12/05/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP23-29	12/05/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP24-19	12/05/00	**120**	ND	ND	ND	**2.2**	**4.6**	**2.8**	**610**	**4.8**	**744.4**
SP24-30	12/05/00	ND	ND	ND	ND	ND	ND	ND	**3.7**	ND	**3.7**
SP25-14	12/05/00	ND	ND	ND	ND	ND	ND	ND	**8.1**	ND	**8.1**
SP25-29	12/05/00	ND	ND	ND	ND	ND	ND	**1.2**	ND	ND	**1.2**
SP26-14	12/11/00	ND	**1.8**	**2.1**	**15**	ND	ND	ND	ND	ND	**18.9**
SP26-29	12/11/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP27-17	12/06/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP27-32	12/06/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP28-15	12/09/00	ND	ND	ND	ND	ND	ND	**2.9**	ND	ND	**2.9**
SP28-30	12/09/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP29-14	12/06/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP29-29	12/06/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
SP30B-14	12/12/00	ND	ND	ND	ND	ND	ND	**4.7**	**2.1**	ND	**6.8**
SP30B-22	12/12/00	**5.5**	ND	ND	ND	ND	ND	**1.7**	**8.3**	ND	**15.5**
SP30B-31	12/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0

Table D-19

Parcel G Source Area Investigation Groundwater VOC Results
BSB Property, Kent, Washington

Sample Number	Date	Vinyl Chloride	Toluene	Ethyl-benzene	Total Xylenes	1,1-DCE	*trans* -1,2-DCE	1,1-DCA	*cis* -1,2-DCE	TCE	Total VOCs
Detection Limit		5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	NA
SP38B-12	12/13/00	ND	ND	ND	ND	ND	ND	ND	**6.4**	**2.9**	**9.3**
SP38B-24	12/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0
No. of Detections		13	3	2	2	8	9	15	22	6	
Detection %		29	7	5	5	20	17	37	54	15	
Maximum		390	52	4.2	15	160	9.7	66	92,000	21,000	
Minimum		5.2	1.8	2.1	13	1.0	2.6	1.2	1.7	1.4	

Notes:
1. Results in µg/L.
2. Only detected constituents shown.
3. Groundwater samples are numbered by location with a depth suffix; samples with letter suffixes represent duplicates of the samples immediately above.
4. Benzene, methylene chloride, chloroform, 1,1,1-trichlroethane, carbon tetrachloride, 1,2-dichloroethane, 1,1,2-trichloroethane, tetrachloroethene, and 1,1,1,2-tetrachloroethane not detected above 1.0 µg/L.
5. Detections shown in bold.
6. ND = not detected.
7. 1,1-DCE = 1,1-dichloroethene.
8. *trans* -1,2-DCE = *trans* -1,2-dichloroethene.
9. 1,1-DCA = 1,1-dichloroethane.
10. *cis* -1,2-DCE = *cis* -1,2-dichloroethene.
11. TCE = trichloroethene.

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HY-1d	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2
Sample Date	1/18/95	1/17/95	3/18/97	3/10/98	4/22/99	4/17/00	4/26/01
dichlorodifluoromethane (CFC 12)	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
chloromethane	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
vinyl chloride	< 10	**180**	**13**	**1.6**	**42 E**	**7.2**	**0.84**
bromomethane	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
chloroethane	< 10	**1.4**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trichlorofluoromethane (CFC 11)	< 10	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trichlorotrifluoroethane (CFC 113)	< 10	–	–	–	< 0.5	< 0.5	< 0.5
acetone	< 100	**84**	< 20	< 20	< 20	< 20	< 20
1,1-dichloroethene	< 5	**0.5**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
carbon disulfide	< 100	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
methylene chloride	< 5	< 1	< 1	< 1	< 1	< 1	< 1
trans-1,2-dichloroethene	< 5	**0.6**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-dichloroethane	< 5	**18**	**3.1**	**2.1**	**7.9**	**2.0**	< 0.5
2-butanone (MEK)	< 100	< 20	< 20	< 20	< 20	< 20	< 20
2,2-dichloropropane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
cis-1,2-dichloroethene	< 5	**30**	< 0.5	< 0.5	**33**	**22**	< 0.5
chloroform	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
bromochloromethane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1-trichloroethane (TCA)	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1-dichloropropene	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
carbon tetrachloride	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-dichloroethane (EDC)	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
vinyl acetate	< 50	–	–	–	–	–	–
benzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trichloroethene (TCE)	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-dichloropropane	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
bromodichloromethane	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-chloroethyl vinyl ether	< 10	–	–	–	–	–	–
dibromomethane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-hexanone	< 50	< 20	< 20	< 20	< 20	< 20	< 20
cis-1,3-dichloropropene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
toluene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
trans-1,3-dichloropropene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,2-trichloroethane	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-methyl-2-pentanone (MIBK)	< 50	< 20	< 20	< 20	< 20	< 20	< 20
1,3-dichloropropane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
tetrachloroethene (PCE)	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
dibromochloromethane	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-dibromoethane (EDB)	–	< 2	< 2	< 2	< 2	< 2	< 2
chlorobenzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ethylbenzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
total xylenes	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
styrene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
bromoform	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
isopropylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,1,2,2-tetrachloroethane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HY-1d	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2
Sample Date	1/18/95	1/17/95	3/18/97	3/10/98	4/22/99	4/17/00	4/26/01
1,2,3-trichloropropane	–	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
bromobenzene	–	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2
n-propylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
2-chlorotoluene	–	< 2	< 2	< 2	< 2	< 2	< 2
4-chlorotoluene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,3,5-trimethylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
tert-butylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-trimethylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
sec-butylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,3-dichlorobenzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-isopropyltoluene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,4-dichlorobenzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
n-butylbenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,2-dichlorobenzene	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	–	< 2	< 2	< 2	< 2	< 2	< 2
1,2,4-trichlorobenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
1,2,3-trichlorobenzene	–	< 2	< 2	< 2	< 2	< 2	< 2
naphthalene	–	< 2	< 2	< 2	< 2	< 2	< 2
hexachlorobutadiene	–	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
1. Results in µg/L.
2. Detections shown in bold.
3. < = not detected at the method reporting limit shown.
4. E = lab-assigned qualifier indicating an estimated concentration due to inconclusive lab QA/QC.
5. J = the result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HYCP-2	HYCP-2	HYCP-2	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	4/25/02	4/10/03	4/14/04	1/17/95	3/4/97	3/9/98	4/23/99
dichlorodifluoromethane (CFC 12)	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
chloromethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
vinyl chloride	**14**	**1.2**	**4.0**	**250**	**210**	**260**	**280**
bromomethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
chloroethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
trichlorofluoromethane (CFC 11)	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
trichlorotrifluoroethane (CFC 113)	< 0.5	< 0.5	< 0.5	–	–	–	–
acetone	< 20	**50**	< 20	< 200	< 200	< 20	< 20
1,1-dichloroethene	< 0.5	< 0.5	< 0.5	< 5	< 5	**5.0**	**8.4**
carbon disulfide	< 0.5	**0.85**	< 0.5	< 5	< 5	< 0.5	< 0.5
methylene chloride	< 2.0	< 2.0	< 2.0	< 10	< 10	< 1	< 1
trans-1,2-dichloroethene	< 0.5	< 0.5	< 0.5	**9.3**	**8**	**12**	**26**
1,1-dichloroethane	**1.0**	**0.49 J**	**0.74**	**7.4**	< 5	**3.7**	**3.0**
2-butanone (MEK)	< 20	< 20	< 20	< 200	< 200	< 20	< 20
2,2-dichloropropane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
cis-1,2-dichloroethene	**0.87**	**0.27 J**	**3.1**	**1,200**	**1,600**	**1,200**	**1,300**
chloroform	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
bromochloromethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,1,1-trichloroethane (TCA)	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,1-dichloropropene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
carbon tetrachloride	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,2-dichloroethane (EDC)	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
vinyl acetate	–	–	–	–	–	–	–
benzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
trichloroethene (TCE)	< 0.5	< 0.5	< 0.5	**65**	< 5	**11**	**12**
1,2-dichloropropane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
bromodichloromethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
2-chloroethyl vinyl ether	–	–	–	–	–	–	–
dibromomethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
2-hexanone	< 20	< 20	< 20	< 200	< 200	< 20	< 20
cis-1,3-dichloropropene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
toluene	< 0.5	**0.12 J**	< 0.5	< 5	< 5	< 0.5	**1.0**
trans-1,3-dichloropropene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,1,2-trichloroethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
4-methyl-2-pentanone (MIBK)	< 20	< 20	< 20	< 200	< 200	< 20	< 20
1,3-dichloropropane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
tetrachloroethene (PCE)	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
dibromochloromethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,2-dibromoethane (EDB)	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
chlorobenzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,1,1,2-tetrachloroethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
ethylbenzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
total xylenes	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
styrene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
bromoform	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
isopropylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,1,2,2-tetrachloroethane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HYCP-2	HYCP-2	HYCP-2	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	4/25/02	4/10/03	4/14/04	1/17/95	3/4/97	3/9/98	4/23/99
1,2,3-trichloropropane	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
bromobenzene	< 2.0	< 2.0	< 2.0	< 5	< 5	< 0.5	< 0.5
n-propylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
2-chlorotoluene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
4-chlorotoluene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,3,5-trimethylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
tert-butylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,2,4-trimethylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
sec-butylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,3-dichlorobenzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
4-isopropyltoluene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,4-dichlorobenzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
n-butylbenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,2-dichlorobenzene	< 0.5	< 0.5	< 0.5	< 5	< 5	< 0.5	< 0.5
1,2-dibromo-3-chloropropane	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,2,4-trichlorobenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
1,2,3-trichlorobenzene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
naphthalene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2
hexachlorobutadiene	< 2.0	< 2.0	< 2.0	< 200	< 200	< 2	< 2

Notes:
1. Results in µg/L.
2. Detections shown in bold.
3. < = not detected at the method reporting limit shown.
4. E = lab-assigned qualifier indicating an estimated concentration due to inconclusive lab QA/QC.
5. J = the result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	4/17/00	4/26/01	4/25/02	4/9/03	4/13/04
dichlorodifluoromethane (CFC 12)	< 25	< 0.5	< 2.5	< 1.0	< 1.0
chloromethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
vinyl chloride	**520**	**70**	**360**	**180**	**380**
bromomethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
chloroethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
trichlorofluoromethane (CFC 11)	< 25	< 0.5	< 2.5	< 1.0	< 1.0
trichlorotrifluoroethane (CFC 113)	–	–	–	–	–
acetone	< 1000	< 20	< 100	< 40	< 40
1,1-dichloroethene	< 25	**0.52**	**3.1**	**1.5**	**1.7**
carbon disulfide	< 25	< 0.5	< 2.5	< 1.0	< 1.0
methylene chloride	< 50	< 1	< 10	< 4.0	< 4.0
trans-1,2-dichloroethene	< 25	**2.1**	**12**	**5.2**	**11**
1,1-dichloroethane	< 25	**0.73**	< 2.5	**0.8 J**	**1.1**
2-butanone (MEK)	< 1000	< 20	< 100	< 40	< 40
2,2-dichloropropane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
cis-1,2-dichloroethene	**2,200**	**150**	**1,100**	**440**	**710**
chloroform	< 25	< 0.5	< 2.5	< 1.0	< 1.0
bromochloromethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,1,1-trichloroethane (TCA)	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,1-dichloropropene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
carbon tetrachloride	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,2-dichloroethane (EDC)	< 25	< 0.5	< 2.5	< 1.0	< 1.0
vinyl acetate	–	–	–	–	–
benzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
trichloroethene (TCE)	< 25	< 0.5	**4.3**	**0.20 J**	< 1.0
1,2-dichloropropane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
bromodichloromethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
2-chloroethyl vinyl ether	–	–	–	–	–
dibromomethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
2-hexanone	< 1000	< 20	< 100	< 40	< 40
cis-1,3-dichloropropene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
toluene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
trans-1,3-dichloropropene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,1,2-trichloroethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
4-methyl-2-pentanone (MIBK)	< 1000	< 20	< 100	< 40	< 40
1,3-dichloropropane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
tetrachloroethene (PCE)	< 25	< 0.5	< 2.5	< 1.0	< 1.0
dibromochloromethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,2-dibromoethane (EDB)	< 100	< 2	< 10	< 4.0	< 4.0
chlorobenzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,1,1,2-tetrachloroethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
ethylbenzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
total xylenes	< 25	< 0.5	< 2.5	< 1.0	< 1.0
styrene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
bromoform	< 25	< 0.5	< 2.5	< 1.0	< 1.0
isopropylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
1,1,2,2-tetrachloroethane	< 25	< 0.5	< 2.5	< 1.0	< 1.0

Table D-20

Annual Groundwater VOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	4/17/00	4/26/01	4/25/02	4/9/03	4/13/04
1,2,3-trichloropropane	< 25	< 0.5	< 2.5	< 1.0	< 1.0
bromobenzene	< 100	< 2	< 10	< 4.0	< 4.0
n-propylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
2-chlorotoluene	< 100	< 2	< 10	< 4.0	< 4.0
4-chlorotoluene	< 100	< 2	< 10	< 4.0	< 4.0
1,3,5-trimethylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
tert-butylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
1,2,4-trimethylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
sec-butylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
1,3-dichlorobenzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
4-isopropyltoluene	< 100	< 2	< 10	< 4.0	< 4.0
1,4-dichlorobenzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
n-butylbenzene	< 100	< 2	< 10	< 4.0	< 4.0
1,2-dichlorobenzene	< 25	< 0.5	< 2.5	< 1.0	< 1.0
1,2-dibromo-3-chloropropane	< 100	< 2	< 10	< 4.0	< 4.0
1,2,4-trichlorobenzene	< 100	< 2	< 10	< 4.0	< 4.0
1,2,3-trichlorobenzene	< 100	< 2	< 10	< 4.0	< 4.0
naphthalene	< 100	< 2	< 10	< 4.0	< 4.0
hexachlorobutadiene	< 100	< 2	< 10	< 4.0	< 4.0

Notes:
1. Results in µg/L.
2. Detections shown in bold.
3. < = not detected at the method reporting limit shown.
4. E = lab-assigned qualifier indicating an estimated concentration due to inconclusive lab QA/QC.
5. J = the result is an estimated concentration that is less than the method reporting limit but greater than or equal to the method detection limit.

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HY-1s	HY-1s	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2
Sample Date	11/2/83	11/31/84	1/17/95	3/28/96	3/4/97	3/10/98	4/22/99
N-Nitrosodimethylamine	–	–	< 25	< 25	< 25	< 25	< 25
Aniline	–	–	< 25	< 25	< 25	< 25	< 25
Bis(2-chloroethyl) Ether	–	–	< 10	< 10	< 10	< 10	< 10
1,3-Dichlorobenzene	–	–	< 10	< 10	< 10	< 10	< 10
1,2-Dichlorobenzene	–	–	< 10	< 10	< 10	< 10	< 10
1,4-Dichlorobenzene	–	–	< 10	< 10	< 10	< 10	< 10
Bis(2-chloroisopropyl) Ether	–	–	< 10	< 10	< 10	< 10	< 10
Hexachloroethane	–	–	< 10	< 10	< 10	< 10	< 10
N-Nitrosodi-n-propylamine	–	–	< 10	< 10	< 10	< 10	< 10
Nitrobenzene	–	–	< 10	< 10	< 10	< 10	< 10
Isophorone	–	–	< 10	< 10	< 10	< 10	< 10
Bis(2-chloroethoxy)methane	–	–	< 10	< 10	< 10	< 10	< 10
1,2,4-Trichlorobenzene	–	–	< 10	< 10	< 10	< 10	< 10
Naphthalene	–	–	< 10	< 10	< 10	< 10	< 10
4-Chloroaniline	–	–	< 10	< 10	< 10	< 10	< 10
Hexachlorobutadiene	–	–	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	–	–	< 10	< 10	< 10	< 10	< 10
Hexachlorocyclopentadiene	–	–	< 10	< 10	< 10	< 10	< 10
2-Chloronaphthalene	–	–	< 10	< 10	< 10	< 10	< 10
2-Nitroaniline	–	–	< 25	< 25	< 25	< 25	< 25
Acenaphthylene	–	–	< 10	< 10	< 10	< 10	< 10
Dimethyl Phthalate	–	–	< 10	< 10	< 10	< 10	< 10
2,6-Dinitrotoluene	–	–	< 10	< 10	< 10	< 10	< 10
Acenaphthene	–	–	< 10	< 10	< 10	< 10	< 10
3-Nitroaniline	–	–	< 25	< 25	< 25	< 25	< 25
Dibenzofuran	–	–	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrotoluene	–	–	< 10	< 10	< 10	< 10	< 10
Fluorene	–	–	< 10	< 10	< 10	< 10	< 10
4-Chlorophenyl Phenyl Ether	–	–	< 10	< 10	< 10	< 10	< 10
Diethyl Phthalate	–	–	< 10	< 10	< 10	< 10	< 10
4-Nitroaniline	–	–	< 25	< 25	< 25	< 25	< 25
N-Nitrosodiphenylamine	–	–	< 10	< 10	< 10	< 10	< 10
4-Bromophenyl Phenyl Ether	–	–	< 10	< 10	< 10	< 10	< 10
Hexachlorobenzene	–	–	< 10	< 10	< 10	< 10	< 10
Phenanthrene	–	–	< 10	< 10	< 10	< 10	< 10
Anthracene	–	–	< 10	< 10	< 10	< 10	< 10
Di-n-butyl Phthalate	< 2	< 1	< 10	< 10	< 10	< 10	< 10
Fluoranthene	–	–	< 10	< 10	< 10	< 10	< 10
Pyrene	–	–	< 10	< 10	< 10	< 10	< 10
Butyl Benzyl Phthalate	–	–	< 10	< 10	< 10	< 10	< 10
3,3'-Dichlorobenzidine	–	–	< 25	< 25	< 25	< 25	< 25
Benz(a)anthracene	–	–	< 10	< 10	< 10	< 10	< 10
Chrysene	–	–	< 10	< 10	< 10	< 10	< 10
Bis(2-ethylhexyl) Phthalate	< 5	< 2	< 10	< 10	< 10	< 10	< 10
Di-n-octyl Phthalate	–	–	< 10	< 10	< 10	< 10	< 10
Benzo(b)fluoranthene	–	–	< 10	< 10	< 10	< 10	< 10
Benzo(k)fluoranthene	–	–	< 10	< 10	< 10	< 10	< 10

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HY-1s	HY-1s	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2
Sample Date	11/2/83	11/31/84	1/17/95	3/28/96	3/4/97	3/10/98	4/22/99
Benzo(a)pyrene	–	–	< 10	< 10	< 10	< 10	< 10
Indeno(1,2,3-cd)pyrene	–	–	< 10	< 10	< 10	< 10	< 10
Dibenz(a,h)anthracene	–	–	< 10	< 10	< 10	< 10	< 10
Benzo(g,h,i)perylene	–	–	< 10	< 10	< 10	< 10	< 10
Phenol	< 5	**8**	< 10	< 10	< 10	< 10	< 10
2-Chlorophenol	–	–	< 10	< 10	< 10	< 10	< 10
Benzyl Alcohol	–	–	< 10	< 10	< 10	< 10	< 10
2-Methylphenol	–	–	< 10	< 10	< 10	< 10	< 10
3- and 4-Methylphenol Coelution	–	–	< 10	< 10	< 10	< 10	< 10
2-Nitrophenol	< 2	< 1	< 10	< 10	< 10	< 10	< 10
2,4-Dimethylphenol	–	–	< 10	< 10	< 10	< 10	< 10
2,4-Dichlorophenol	–	–	< 10	< 10	< 10	< 10	< 10
Benzoic Acid	–	–	< 25	< 25	< 25	< 25	< 25
4-Chloro-3-methylphenol	–	–	< 10	< 10	< 10	< 10	< 10
2,4,6-Trichlorophenol	–	–	< 10	< 10	< 10	< 10	< 10
2,4,5-Trichlorophenol	–	–	< 10	< 10	< 10	< 10	< 10
2,4-Dinitrophenol	–	–	< 25	< 25	< 25	< 25	< 25
4-Nitrophenol	–	–	< 25	< 25	< 25	< 25	< 25
2-Methyl-4,6-dinitrophenol	–	–	< 25	< 25	< 25	< 25	< 25
Pentachlorophenol (PCP)	–	–	< 25	< 25	< 25	< 25	< 25

Notes:
1. Results in µg/L.
2. – = not analyzed.
3. Detections shown in bold.
4. < = not detected at the method reporting limit shown.

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-5	HYCP-5
Sample Date	4/17/00	4/26/01	4/25/02	4/10/03	4/14/04	1/17/95	3/28/96
N-Nitrosodimethylamine	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Aniline	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Bis(2-chloroethyl) Ether	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
1,3-Dichlorobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
1,2-Dichlorobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
1,4-Dichlorobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Bis(2-chloroisopropyl) Ether	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Hexachloroethane	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
N-Nitrosodi-n-propylamine	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Nitrobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Isophorone	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Bis(2-chloroethoxy)methane	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
1,2,4-Trichlorobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Naphthalene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
4-Chloroaniline	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Hexachlorobutadiene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Methylnaphthalene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Hexachlorocyclopentadiene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Chloronaphthalene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Nitroaniline	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Acenaphthylene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Dimethyl Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,6-Dinitrotoluene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Acenaphthene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
3-Nitroaniline	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Dibenzofuran	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4-Dinitrotoluene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Fluorene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
4-Chlorophenyl Phenyl Ether	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Diethyl Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
4-Nitroaniline	< 25	< 24	< 24	< 24	< 24	< 25	< 25
N-Nitrosodiphenylamine	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
4-Bromophenyl Phenyl Ether	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Hexachlorobenzene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Phenanthrene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Anthracene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Di-n-butyl Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Fluoranthene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Pyrene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Butyl Benzyl Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
3,3'-Dichlorobenzidine	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Benz(a)anthracene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Chrysene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Bis(2-ethylhexyl) Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Di-n-octyl Phthalate	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Benzo(b)fluoranthene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Benzo(k)fluoranthene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-2	HYCP-5	HYCP-5
Sample Date	4/17/00	4/26/01	4/25/02	4/10/03	4/14/04	1/17/95	3/28/96
Benzo(a)pyrene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Indeno(1,2,3-cd)pyrene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Dibenz(a,h)anthracene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Benzo(g,h,i)perylene	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Phenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Chlorophenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Benzyl Alcohol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Methylphenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
3- and 4-Methylphenol Coelution	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2-Nitrophenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4-Dimethylphenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4-Dichlorophenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
Benzoic Acid	< 25	< 24	< 24	< 24	< 24	< 25	< 25
4-Chloro-3-methylphenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4,6-Trichlorophenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4,5-Trichlorophenol	< 10	< 9.6	< 9.6	< 9.6	< 9.6	< 10	< 10
2,4-Dinitrophenol	< 25	< 24	< 24	< 24	< 24	< 25	< 25
4-Nitrophenol	< 25	< 24	< 24	< 24	< 24	< 25	< 25
2-Methyl-4,6-dinitrophenol	< 25	< 24	< 24	< 24	< 24	< 25	< 25
Pentachlorophenol (PCP)	< 25	< 24	< 24	< 24	< 24	< 25	< 25

Notes:
1. Results in µg/L.
2. – = not analyzed.
3. Detections shown in bold.
4. < = not detected at the method reporting limit shown.

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	3/4/97	3/9/98	4/22/99	4/17/00	4/26/01	4/25/02
N-Nitrosodimethylamine	< 25	< 25	< 25	< 25	< 24	< 24
Aniline	< 25	< 25	< 25	< 25	< 24	< 24
Bis(2-chloroethyl) Ether	< 10	< 10	< 10	< 10	< 9.6	< 9.6
1,3-Dichlorobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
1,2-Dichlorobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
1,4-Dichlorobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Bis(2-chloroisopropyl) Ether	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Hexachloroethane	< 10	< 10	< 10	< 10	< 9.6	< 9.6
N-Nitrosodi-n-propylamine	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Nitrobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Isophorone	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Bis(2-chloroethoxy)methane	< 10	< 10	< 10	< 10	< 9.6	< 9.6
1,2,4-Trichlorobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Naphthalene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
4-Chloroaniline	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Hexachlorobutadiene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Methylnaphthalene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Hexachlorocyclopentadiene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Chloronaphthalene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Nitroaniline	< 25	< 25	< 25	< 25	< 24	< 24
Acenaphthylene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Dimethyl Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,6-Dinitrotoluene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Acenaphthene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
3-Nitroaniline	< 25	< 25	< 25	< 25	< 24	< 24
Dibenzofuran	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4-Dinitrotoluene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Fluorene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
4-Chlorophenyl Phenyl Ether	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Diethyl Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
4-Nitroaniline	< 25	< 25	< 25	< 25	< 24	< 24
N-Nitrosodiphenylamine	< 10	< 10	< 10	< 10	< 9.6	< 9.6
4-Bromophenyl Phenyl Ether	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Hexachlorobenzene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Phenanthrene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Anthracene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Di-n-butyl Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Fluoranthene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Pyrene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Butyl Benzyl Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
3,3'-Dichlorobenzidine	< 25	< 25	< 25	< 25	< 24	< 24
Benz(a)anthracene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Chrysene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Bis(2-ethylhexyl) Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Di-n-octyl Phthalate	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Benzo(b)fluoranthene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Benzo(k)fluoranthene	< 10	< 10	< 10	< 10	< 9.6	< 9.6

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5	HYCP-5
Sample Date	3/4/97	3/9/98	4/22/99	4/17/00	4/26/01	4/25/02
Benzo(a)pyrene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Indeno(1,2,3-cd)pyrene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Dibenz(a,h)anthracene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Benzo(g,h,i)perylene	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Phenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Chlorophenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Benzyl Alcohol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Methylphenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
3- and 4-Methylphenol Coelution	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2-Nitrophenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4-Dimethylphenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4-Dichlorophenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
Benzoic Acid	< 25	< 25	< 25	< 25	< 24	< 24
4-Chloro-3-methylphenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4,6-Trichlorophenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4,5-Trichlorophenol	< 10	< 10	< 10	< 10	< 9.6	< 9.6
2,4-Dinitrophenol	< 25	< 25	< 25	< 25	< 24	< 24
4-Nitrophenol	< 25	< 25	< 25	< 25	< 24	< 24
2-Methyl-4,6-dinitrophenol	< 25	< 25	< 25	< 25	< 24	< 24
Pentachlorophenol (PCP)	< 25	< 25	< 25	< 25	< 24	< 24

Notes:
1. Results in µg/L.
2. – = not analyzed.
3. Detections shown in bold.
4. < = not detected at the method reporting limit shown.

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HY-1d	HY-1d
Sample Date	4/9/03	4/13/04	1/18/95	3/27/96
N-Nitrosodimethylamine	< 24	< 24	< 25	< 25
Aniline	< 24	< 24	< 25	< 25
Bis(2-chloroethyl) Ether	< 9.6	< 9.6	< 10	< 10
1,3-Dichlorobenzene	< 9.6	< 9.6	< 10	< 10
1,2-Dichlorobenzene	< 9.6	< 9.6	< 10	< 10
1,4-Dichlorobenzene	< 9.6	< 9.6	< 10	< 10
Bis(2-chloroisopropyl) Ether	< 9.6	< 9.6	< 10	< 10
Hexachloroethane	< 9.6	< 9.6	< 10	< 10
N-Nitrosodi-n-propylamine	< 9.6	< 9.6	< 10	< 10
Nitrobenzene	< 9.6	< 9.6	< 10	< 10
Isophorone	< 9.6	< 9.6	< 10	< 10
Bis(2-chloroethoxy)methane	< 9.6	< 9.6	< 10	< 10
1,2,4-Trichlorobenzene	< 9.6	< 9.6	< 10	< 10
Naphthalene	< 9.6	< 9.6	< 10	< 10
4-Chloroaniline	< 9.6	< 9.6	< 10	< 10
Hexachlorobutadiene	< 9.6	< 9.6	< 10	< 10
2-Methylnaphthalene	< 9.6	< 9.6	< 10	< 10
Hexachlorocyclopentadiene	< 9.6	< 9.6	< 10	< 10
2-Chloronaphthalene	< 9.6	< 9.6	< 10	< 10
2-Nitroaniline	< 24	< 24	< 25	< 25
Acenaphthylene	< 9.6	< 9.6	< 10	< 10
Dimethyl Phthalate	< 9.6	< 9.6	< 10	< 10
2,6-Dinitrotoluene	< 9.6	< 9.6	< 10	< 10
Acenaphthene	< 9.6	< 9.6	< 10	< 10
3-Nitroaniline	< 24	< 24	< 25	< 25
Dibenzofuran	< 9.6	< 9.6	< 10	< 10
2,4-Dinitrotoluene	< 9.6	< 9.6	< 10	< 10
Fluorene	< 9.6	< 9.6	< 10	< 10
4-Chlorophenyl Phenyl Ether	< 9.6	< 9.6	< 10	< 10
Diethyl Phthalate	< 9.6	< 9.6	< 10	< 10
4-Nitroaniline	< 24	< 24	< 25	< 25
N-Nitrosodiphenylamine	< 9.6	< 9.6	< 10	< 10
4-Bromophenyl Phenyl Ether	< 9.6	< 9.6	< 10	< 10
Hexachlorobenzene	< 9.6	< 9.6	< 10	< 10
Phenanthrene	< 9.6	< 9.6	< 10	< 10
Anthracene	< 9.6	< 9.6	< 10	< 10
Di-n-butyl Phthalate	< 9.6	< 9.6	< 10	< 10
Fluoranthene	< 9.6	< 9.6	< 10	< 10
Pyrene	< 9.6	< 9.6	< 10	< 10
Butyl Benzyl Phthalate	< 9.6	< 9.6	< 10	< 10
3,3'-Dichlorobenzidine	< 24	< 24	< 25	< 25
Benz(a)anthracene	< 9.6	< 9.6	< 10	< 10
Chrysene	< 9.6	< 9.6	< 10	< 10
Bis(2-ethylhexyl) Phthalate	< 9.6	< 9.6	**17**	< 10
Di-n-octyl Phthalate	< 9.6	< 9.6	< 10	< 10
Benzo(b)fluoranthene	< 9.6	< 9.6	< 10	< 10
Benzo(k)fluoranthene	< 9.6	< 9.6	< 10	< 10

Table D-21

Parcel G Groundwater SVOC Results
BSB Property, Kent, Washington

Well	HYCP-5	HYCP-5	HY-1d	HY-1d
Sample Date	4/9/03	4/13/04	1/18/95	3/27/96
Benzo(a)pyrene	< 9.6	< 9.6	< 10	< 10
Indeno(1,2,3-cd)pyrene	< 9.6	< 9.6	< 10	< 10
Dibenz(a,h)anthracene	< 9.6	< 9.6	< 10	< 10
Benzo(g,h,i)perylene	< 9.6	< 9.6	< 10	< 10
Phenol	< 9.6	< 9.6	< 10	< 10
2-Chlorophenol	< 9.6	< 9.6	< 10	< 10
Benzyl Alcohol	< 9.6	< 9.6	< 10	< 10
2-Methylphenol	< 9.6	< 9.6	< 10	< 10
3- and 4-Methylphenol Coelution	< 9.6	< 9.6	< 10	< 10
2-Nitrophenol	< 9.6	< 9.6	< 10	< 10
2,4-Dimethylphenol	< 9.6	< 9.6	< 10	< 10
2,4-Dichlorophenol	< 9.6	< 9.6	< 10	< 10
Benzoic Acid	< 24	< 24	< 25	< 25
4-Chloro-3-methylphenol	< 9.6	< 9.6	< 10	< 10
2,4,6-Trichlorophenol	< 9.6	< 9.6	< 10	< 10
2,4,5-Trichlorophenol	< 9.6	< 9.6	< 10	< 10
2,4-Dinitrophenol	< 24	< 24	< 25	< 25
4-Nitrophenol	< 24	< 24	< 25	< 25
2-Methyl-4,6-dinitrophenol	< 24	< 24	< 25	< 25
Pentachlorophenol (PCP)	< 24	< 24	< 25	< 25

Notes:
1. Results in µg/L.
2. – = not analyzed.
3. Detections shown in bold.
4. < = not detected at the method reporting limit shown.

Table D-22

Annual Groundwater PCB Results
BSB Property, Kent, Washington

Well	Sampling Date	Aroclor						
		1016	1221	1232	1242	1248	1254	1260
HYCP-2	1/24/95	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/28/96	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/4/97	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/10/98	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/22/99	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/17/00	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/25/02	< 0.19	< 0.38	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
	4/10/03	< 0.20	< 0.39	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/14/04	< 0.20	< 0.40	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
HYCP-5	1/24/95	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/28/96	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/4/97	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/9/98	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/23/99	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/17/00	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	4/25/02	< 0.19	< 0.38	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
	4/9/03	< 0.20	< 0.39	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
	4/13/04	< 0.19	< 0.38	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19
HY-1d	1/24/95	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	3/27/96	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

Notes: 1. Results in µg/L.
2. Detections shown in bold.
3. < = not detected at the method reporting limit shown.

Table D-23

Parcel G Groundwater Pesticides Results
BSB Property, Kent, Washington

Well	HYCP-2	HYCP-5
Sample Date	3/10/98	3/9/98
alpha BHC	< 0.04	< 0.04
beta-BHC	< 0.04	< 0.04
gamma-BHC (Lindane)	< 0.04	< 0.04
delta-BHC	< 0.04	< 0.04
heptachlor	< 0.04	< 0.04
aldrin	< 0.04	< 0.04
heptachlor epoxide	< 0.04	< 0.04
endosulfan I	< 0.04	< 0.04
dieldrin	< 0.04	< 0.04
4,4'-DDE	< 0.04	< 0.04
endrin	< 0.04	< 0.04
endosulfan II	< 0.04	< 0.04
4,4'-DDD	< 0.04	< 0.04
endrin aldehyde	< 0.04	< 0.04
endosulfan sulfate	< 0.04	< 0.04
4,4'-DDT	< 0.04	< 0.04
methoxychlor	< 0.04	< 0.04
toxaphene	< 1	< 1
chlordane	< 0.5	< 0.5

Notes: 1. Results in µg/L.

2. Detections shown in bold.

3. < = not detected at the method reporting limit shown.