

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID: Depth (ft bls): Date: Units:	SGP5-(7-7.5) 7-7.5 5/5/2006 µg/m <sup>3</sup>	SGP5-(34-34.5) 34-34.5 5/5/2006 µg/m <sup>3</sup>	SGP5-(49-49.5) 49-49.5 5/5/2006 µg/m <sup>3</sup>	SGP6-(8-8.5) 8-8.5 5/2/2006 µg/m <sup>3</sup>	SGP6-(34-34.5) 34-34.5 5/2/2006 µg/m <sup>3</sup>
Acetone		59	<360	4,300	<500	<480
Benzene		5.4	<19	96	<26	<26
Bromodichloromethane		<2	<41	<66	<55	<54
Bromoform		<3.1	<63	<100	<85	<83
Bromomethane		<1.2	<24	<38	<32	<31
1,3-Butadiene		13	71	150	82	<44
Carbon Disulfide		11	<47	<78	<65	75
Carbon Tetrachloride		8.2	88	63	<52	<50
Chlorobenzene		<1.4	<28	<46	<38	<37
Chloroethane		<2	<40	<66	<22	<21
Chloroform		<1.5	68	73	<40	<39
Chloromethane		<1.5	<31	<52	<43	<41
Dibromochloromethane		<2.6	<52	<84	<70	<68
Dichlorodifluoromethane		<3.7	<74	<120	<100	<99
1,1-Dichloroethane		<1.2	<25	<40	<33	300
1,2-Dichloroethane		<1.2	<25	<40	<33	<32
1,1-Dichloroethene		1.5	26	52	<33	<32
cis-1,2-Dichloroethene		<1.2	<24	<39	520	480
trans-1,2-Dichloroethene		<1.2	<24	<39	83	<32
1,2-Dichloroethene (total)		<1.2	<24	<39	590	480
1,2-Dichloropropane		<1.4	<28	<46	<38	<37
cis-1,3-Dichloropropene		<1.4	<28	<45	<37	<36
trans-1,3-Dichloropropene		<1.4	<28	<45	<37	<36
1,3-Dichloropropene (total) (a)		<1.4	<28	<45	<37	<36
Ethylbenzene		2.5	<26	<43	<36	<35
Freon 22		5	<53	<88	<74	<71
Freon TF		2.5	<47	<76	<63	<61
Methyl Butyl Ketone		<3.1	<61	<100	<86	<82
Methylene Chloride		<2.6	<52	<87	<73	<69
Methyl Isobutyl Ketone		<3.1	<61	<100	<86	<82
Styrene		<1.3	<26	<42	<35	<34
1,1,2,2-Tetrachloroethane		<2.1	<42	<68	<56	<55
Tetrachloroethene		18	140	100	170	110
Toluene		21	<23	75	<31	<30
1,1,1-Trichloroethane		10	110	130	320	470
1,1,2-Trichloroethane		<1.6	<33	<54	<45	<44
Trichloroethene		230	4,600	3,700	7,500	4,200
Vinyl Chloride		<0.77	<16	<25	<21	<20
Xylene (m,p)		4.3	<65	<110	<91	<87
Xylene (o)		2.2	<26	<43	<36	<35
Xylene (total)		6.5	<26	<43	<36	<35
1,2,4-Trichlorobenzene		--	--	--	--	--
1,4-Dioxane		--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--
2-Hexanone		--	--	--	--	--
Allyl chloride		--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP5-(7-7.5)	SGP5-(34-34.5)	SGP5-(49-49.5)	SGP6-(8-8.5)	SGP6-(34-34.5)
	Depth (ft bls):	7-7.5	34-34.5	49-49.5	8-8.5	34-34.5
	Date:	5/5/2006	5/5/2006	5/5/2006	5/2/2006	5/2/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl	--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-	--	--	--	--	--	--
Cryofluorane	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--
EDB	--	--	--	--	--	--
Freon 113	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Isopropanol	--	--	--	--	--	--
m-Dichlorobenzene	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--
Methyl tert-butyl ether	--	--	--	--	--	--
n-Heptane	--	--	--	--	--	--
n-Hexane	--	--	--	--	--	--
o-Chlorotoluene	--	--	--	--	--	--
o-Dichlorobenzene	--	--	--	--	--	--
p-Dichlorobenzene	--	--	--	--	--	--
p-Ethyltoluene	--	--	--	--	--	--
tert-Butyl alcohol	--	--	--	--	--	--
Tetrahydrofuran	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--
<b>Total VOCs:</b>		<b>412.1</b>	<b>5,515</b>	<b>9,329</b>	<b>18,656</b>	<b>6,115</b>

**Bold indicates a detection**

ft bls      Feet below land surface  
µg/m<sup>3</sup>      Micrograms per cubic  
meter  
(a)          Total represents sum of  
cis and trans isomers  
--          Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP6-(49-49.5)	SGP7-(7-7.5)	SGP7-(34-34.5)	SGP7-(49-49.5)	SGP8-(7-7.5)
	Depth (ft bls):	49-49.5	7-7.5	34-34.5	49-49.5	7-7.5
	Date:	5/2/2006	5/3/2006	5/3/2006	5/3/2006	5/4/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Acetone		<b>1,900</b>	<1200	<950,000	<5,900	<b>290</b>
Benzene		<b>61</b>	<64	<51,000	<320	<b>380</b>
Bromodichloromethane		<110	<130	<110,000	<670	<27
Bromoform		<170	<210	<170,000	<1,000	<41
Bromomethane		<62	<78	<62,000	<390	<16
1,3-Butadiene		<b>350</b>	<110	<88,000	<550	<b>110</b>
Carbon Disulfide		<130	<b>160</b>	<b>240,000</b>	<780	<b>78</b>
Carbon Tetrachloride		<100	<130	<100,000	<630	<25
Chlorobenzene		<74	<92	<74,000	<460	<18
Chloroethane		<42	<130	<42,000	<260	<26
Chloroform		<78	<98	<78,000	<490	<20
Chloromethane		<85	<100	<83,000	<520	<21
Dibromochloromethane		<140	<170	<140,000	<850	<34
Dichlorodifluoromethane		<200	<250	<200,000	<1,200	<49
1,1-Dichloroethane		<b>400</b>	<b>9,300</b>	<65,000	<400	<b>280</b>
1,2-Dichloroethane		<65	<81	<65,000	<400	<16
1,1-Dichloroethene		<b>520</b>	<79	<63,000	<400	<16
cis-1,2-Dichloroethene		<b>3,100</b>	<b>400</b>	<63,000	<b>30,000</b>	<b>950</b>
trans-1,2-Dichloroethene		<b>130</b>	<79	<63,000	<400	<b>120</b>
1,2-Dichloroethene (total)		<b>3,300</b>	<b>400</b>	<63,000	<b>30,000</b>	<b>1,100</b>
1,2-Dichloropropane		<74	<92	<74,000	<460	<18
cis-1,3-Dichloropropene		<73	<91	<73,000	<450	<18
trans-1,3-Dichloropropene		<73	<91	<73,000	<450	<18
1,3-Dichloropropene (total) (a)		<73	<91	<73,000	<450	<18
Ethylbenzene		<69	<87	<b>220,000</b>	<b>1,200</b>	<b>43</b>
Freon 22		<150	<180	<140,000	<880	<35
Freon TF		<120	<150	<120,000	<770	<31
Methyl Butyl Ketone		<170	<200	<160,000	<1,000	<41
Methylene Chloride		<140	<170	<140,000	<870	<35
Methyl Isobutyl Ketone		<170	<200	<160,000	<1,000	<41
Styrene		<68	<85	<68,000	<430	<17
1,1,2,2-Tetrachloroethane		<110	<140	<110,000	<690	<27
Tetrachloroethene		<110	<140	<110,000	<680	<27
Toluene		<60	<b>530</b>	<b>6,400,000</b>	<b>57,000</b>	<b>450</b>
1,1,1-Trichloroethane		<b>1,000</b>	<b>2,600</b>	<87,000	<550	<b>600</b>
1,1,2-Trichloroethane		<87	<110	<87,000	<550	<22
Trichloroethene		<b>16,000</b>	<b>2,100</b>	<86,000	<b>14,000</b>	<b>2,800</b>
Vinyl Chloride		<b>150</b>	<51	<b>230,000</b>	<b>3,800</b>	<10
Xylene (m,p)		<180	<220	<b>560,000</b>	<b>2,800</b>	<b>110</b>
Xylene (o)		<69	<b>110</b>	<b>170,000</b>	<b>1,000</b>	<b>61</b>
Xylene (total)		<69	<b>110</b>	<b>740,000</b>	<b>4,000</b>	<b>180</b>
1,2,4-Trichlorobenzene		--	--	--	--	--
1,4-Dioxane		--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--
2-Hexanone		--	--	--	--	--
Allyl chloride		--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP6-(49-49.5)	SGP7-(7-7.5)	SGP7-(34-34.5)	SGP7-(49-49.5)	SGP8-(7-7.5)
	Depth (ft bls):	49-49.5	7-7.5	34-34.5	49-49.5	7-7.5
	Date:	5/2/2006	5/3/2006	5/3/2006	5/3/2006	5/4/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl	--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-	--	--	--	--	--	--
Cryofluorane	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--
EDB	--	--	--	--	--	--
Freon 113	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Isopropanol	--	--	--	--	--	--
m-Dichlorobenzene	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--
Methyl tert-butyl ether	--	--	--	--	--	--
n-Heptane	--	--	--	--	--	--
n-Hexane	--	--	--	--	--	--
o-Chlorotoluene	--	--	--	--	--	--
o-Dichlorobenzene	--	--	--	--	--	--
p-Dichlorobenzene	--	--	--	--	--	--
p-Ethyltoluene	--	--	--	--	--	--
tert-Butyl alcohol	--	--	--	--	--	--
Tetrahydrofuran	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--
		<b>27,471</b>	<b>15,710</b>	<b>8,560,000</b>	<b>146,000</b>	<b>153,611</b>

**Bold indicates a detection**

ft bls Feet below land surface  
µg/m<sup>3</sup> Micrograms per cubic meter  
(a) Total represents sum of cis and trans isomers  
-- Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP8-(34-34.5)	SGP8-(49-49.5)	SGP-9(8.5-9)	SGP9-(34-34.5)	SGP9-(49-49.5)
	Depth (ft bls):	34-34.5	49-49.5	8.5-9	34-34.5	49-49.5
	Date:	5/4/2006	5/4/2006	4/28/2006	5/1/2006	5/1/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Acetone		<1,200	<120,000	<120	<31,000	<48,000
Benzene		<64	<6400	<b>11</b>	<1,600	<2,600
Bromodichloromethane		<130	<13,000	<13	<3,400	<5,400
Bromoform		<210	<21,000	<21	<5,200	<8,300
Bromomethane		<78	<7,800	<8	<1,900	<3,100
1,3-Butadiene		<110	<11,000	<b>13</b>	<2,900	<4,400
Carbon Disulfide		<b>170</b>	<16,000	<16	<4,000	<6,200
Carbon Tetrachloride		<130	<13,000	<13	<3,100	<5,000
Chlorobenzene		<92	<9,200	<9.2	<2,300	<3,700
Chloroethane		<130	<13,000	<5.3	<1,300	<2,100
Chloroform		<98	<9,800	<10	<2,400	<3,900
Chloromethane		<100	<10,000	<10	<2,700	<4,100
Dibromochloromethane		<170	<17,000	<17	<4,300	<6,800
Dichlorodifluoromethane		<250	<25,000	<25	<6,400	<9,900
1,1-Dichloroethane		<b>2,500</b>	<8,100	<b>1,100</b>	<2,000	<3,200
1,2-Dichloroethane		<81	<8,100	<8	<2,000	<3,200
1,1-Dichloroethene		<79	<b>28,000</b>	<8	<2,000	<3,200
cis-1,2-Dichloroethene		<79	<b>590,000</b>	<b>630</b>	<b>220,000</b>	<b>440,000</b>
trans-1,2-Dichloroethene		<79	<7,900	<b>71</b>	<2,000	<3,200
1,2-Dichloroethene (total)		<79	<b>590,000</b>	<b>710</b>	<b>220,000</b>	<b>440,000</b>
1,2-Dichloropropane		<92	<9,200	<9	<2,300	<3,700
cis-1,3-Dichloropropene		<91	<9,100	<9	<2,300	<3,600
trans-1,3-Dichloropropene		<91	<9,100	<9	<2,300	<3,600
1,3-Dichloropropene (total) (a)		<91	<9,100	<9	<2,300	<3,600
Ethylbenzene		<b>17,000</b>	<8,700	<9	<2,200	<3,500
Freon 22		<180	<18,000	<18	<4,600	<7,100
Freon TF		<150	<15,000	<15	<3,800	<6,100
Methyl Butyl Ketone		<200	<20,000	<20	<5,300	<8,200
Methylene Chloride		<170	<17,000	<17	<4,500	<6,900
Methyl Isobutyl Ketone		<200	<20,000	<20	<5,300	<8,200
Styrene		<b>220</b>	<8,500	<9	<2,100	<3,400
1,1,2,2-Tetrachloroethane		<140	<14,000	<14	<3,400	<5,500
Tetrachloroethene		<140	<14,000	<b>100</b>	<3,400	<5,400
Toluene		<b>900</b>	<b>45,000</b>	<b>23</b>	<1,900	<3,000
1,1,1-Trichloroethane		<110	<11,000	<b>45</b>	<2,700	<4,400
1,1,2-Trichloroethane		<110	<11,000	<11	<2,700	<4,400
Trichloroethene		<110	<b>1,200,000</b>	<b>480</b>	<b>13,000</b>	<b>86,000</b>
Vinyl Chloride		<b>10,000</b>	<b>890,000</b>	<b>280</b>	<1,300	<2,000
Xylene (m,p)		<b>20,000</b>	<22,000	<22	<5,600	<8,700
Xylene (o)		<b>6,900</b>	<8,700	<9	<2,200	<3,500
Xylene (total)		<b>29,000</b>	<8,700	<9	<2,200	<3,500
1,2,4-Trichlorobenzene		--	--	--	--	--
1,4-Dioxane		--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--
2-Hexanone		--	--	--	--	--
Allyl chloride		--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP8-(34-34.5)	SGP8-(49-49.5)	SGP-9(8.5-9)	SGP9-(34-34.5)	SGP9-(49-49.5)
	Depth (ft bls):	34-34.5	49-49.5	8.5-9	34-34.5	49-49.5
	Date:	5/4/2006	5/4/2006	4/28/2006	5/1/2006	5/1/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl	--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-	--	--	--	--	--	--
Cryofluorane	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--
EDB	--	--	--	--	--	--
Freon 113	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Isopropanol	--	--	--	--	--	--
m-Dichlorobenzene	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--
Methyl tert-butyl ether	--	--	--	--	--	--
n-Heptane	--	--	--	--	--	--
n-Hexane	--	--	--	--	--	--
o-Chlorotoluene	--	--	--	--	--	--
o-Dichlorobenzene	--	--	--	--	--	--
p-Dichlorobenzene	--	--	--	--	--	--
p-Ethyltoluene	--	--	--	--	--	--
tert-Butyl alcohol	--	--	--	--	--	--
Tetrahydrofuran	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--
		<b>86,690</b>	<b>3,343,000</b>	<b>3,513</b>	<b>453,000</b>	<b>966,000</b>

**Bold indicates a detection**

ft bls Feet below land surface  
µg/m<sup>3</sup> Micrograms per cubic meter  
(a) Total represents sum of cis and trans isomers  
-- Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID: Depth (ft bls): Date: Units:	SGP10-(7.5-8) 7.5-8 4/27/2006 µg/m <sup>3</sup>	SGP10-(34-34.5) 34-34.5 4/27/2006 µg/m <sup>3</sup>	SGP10-(49-49.5) 49-49.5 4/27/2006 µg/m <sup>3</sup>	SGP11-(7-7.5) 7-7.5 5/5/2006 µg/m <sup>3</sup>	SGP100 7-7.9 6/29/2006 µg/m <sup>3</sup>
Acetone		<31,000	<24,000	<95,000	<950	<b>190</b>
Benzene		<1,700	<1,300	<5,100	<51	<b>10</b>
Bromodichloromethane		<3,600	<2,700	<11,000	<110	<2.7
Bromoform		<5,500	<4,100	<17,000	<170	<4.1
Bromomethane		<2,100	<1,600	<6,200	<62	<1.6
1,3-Butadiene		<2,900	<2,200	<8,800	<88	<b>17</b>
Carbon Disulfide		<b>5,000</b>	<3,100	<12,000	<b>180</b>	<b>8.7</b>
Carbon Tetrachloride		<3,300	<2,500	<10,000	<100	<2.5
Chlorobenzene		<2,400	<1,800	<7,400	<74	<1.8
Chloroethane		<1,400	<1,100	<4,200	<110	<2.6
Chloroform		<2,600	<2,000	<7,800	<78	<2
Chloromethane		<2,700	<2,100	<8,300	<83	<2.1
Dibromochloromethane		<4,500	<3,400	<14,000	<140	<3.4
Dichlorodifluoromethane		<b>16,000</b>	<b>22,000</b>	<b>46,000</b>	<200	<4.9
1,1-Dichloroethane		<2,100	<1,600	<6,500	<65	<1.6
1,2-Dichloroethane		<2,100	<1,600	<6,500	<65	<1.6
1,1-Dichloroethene		<2,100	<1,600	<6,300	<63	<1.6
cis-1,2-Dichloroethene		<2,100	<1,600	<6,300	<b>370</b>	<1.6
trans-1,2-Dichloroethene		<2,100	<1,600	<6,300	<63	<1.6
1,2-Dichloroethene (total)		<2,100	<1,600	<6,300	<b>370</b>	<1.6
1,2-Dichloropropane		<2,400	<1,800	<7,400	<74	<1.8
cis-1,3-Dichloropropene		<2,400	<1,800	<7,300	<73	<1.8
trans-1,3-Dichloropropene		<2,400	<1,800	<7,300	<73	<1.8
1,3-Dichloropropene (total) (a)		<2,400	<1,800	<7,300	<73	<1.8
Ethylbenzene		<2,300	<1,700	<6,900	<69	<b>2.9</b>
Freon 22		<b>160,000</b>	<b>240,000</b>	<b>600,000</b>	<140	<3.5
Freon TF		<4,100	<3,100	<12,000	<120	<3.1
Methyl Butyl Ketone		<5,300	<4,100	<16,000	<160	<b>5.3</b>
Methylene Chloride		<4,500	<3,500	<14,000	<140	<3.5
Methyl Isobutyl Ketone		<5,300	<4,100	<16,000	<160	<4.1
Styrene		<2,300	<1,700	<6,800	<68	<b>2</b>
1,1,2,2-Tetrachloroethane		<3,600	<2,700	<11,000	<110	<2.7
Tetrachloroethene		<3,600	<2,700	<11,000	<110	<b>24</b>
Toluene		<2,000	<1,500	<6,000	<60	<b>14</b>
1,1,1-Trichloroethane		<2,900	<2,200	<8,700	<b>980</b>	<b>3.9</b>
1,1,2-Trichloroethane		<2,900	<2,200	<8,700	<87	<2.2
Trichloroethene		<2,800	<2,100	<8,600	<b>11,000</b>	<2.1
Vinyl Chloride		<1,400	<1,000	<4,100	<41	<1
Xylene (m,p)		<5,600	<4,300	<17,000	<170	<4.3
Xylene (o)		<2,300	<1,700	<6,900	<69	<b>2.5</b>
Xylene (total)		<2,300	<1,700	<6,900	<69	<b>2.5</b>
1,2,4-Trichlorobenzene		--	--	--	--	--
1,4-Dioxane		--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--
2-Hexanone		--	--	--	--	--
Allyl chloride		--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP10-(7.5-8)	SGP10-(34-34.5)	SGP10-(49-49.5)	SGP11-(7-7.5)	SGP100
	Depth (ft bls):	7.5-8	34-34.5	49-49.5	7-7.5	7-7.9
	Date:	4/27/2006	4/27/2006	4/27/2006	5/5/2006	6/29/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl	--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-	--	--	--	--	--	--
Cryofluorane	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--
EDB	--	--	--	--	--	--
Freon 113	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Isopropanol	--	--	--	--	--	--
m-Dichlorobenzene	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--
Methyl tert-butyl ether	--	--	--	--	--	--
n-Heptane	--	--	--	--	--	--
n-Hexane	--	--	--	--	--	--
o-Chlorotoluene	--	--	--	--	--	--
o-Dichlorobenzene	--	--	--	--	--	--
p-Dichlorobenzene	--	--	--	--	--	--
p-Ethyltoluene	--	--	--	--	--	--
tert-Butyl alcohol	--	--	--	--	--	--
Tetrahydrofuran	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--
		<b>181,000</b>	<b>262,000</b>	<b>646,000</b>	<b>12,900</b>	<b>324.8</b>

**Bold indicates a detection**

ft bls Feet below land surface  
µg/m<sup>3</sup> Micrograms per cubic meter  
(a) Total represents sum of cis and trans isomers  
-- Not analyzed for



Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID: Depth (ft bls): Date: Units:	SGP101 7-7.5 6/29/2006 µg/m <sup>3</sup>	SGP101 34-34.5 6/29/2006 µg/m <sup>3</sup>	SGP101 49-49.5 6/29/2006 µg/m <sup>3</sup>	SGP102 7-7.5 6/29/2006 µg/m <sup>3</sup>	SGP103 7-7.5 06/28/2006 µg/m <sup>3</sup>
Acetone		120	130	5000	130	110
Benzene		3.8	4.2	<64	11	6.7
Bromodichloromethane		<2	<2	<130	<2.7	<2
Bromoform		<3.1	<3.1	<210	<4.1	<3.1
Bromomethane		<1.2	<1.2	<78	<1.6	<1.2
1,3-Butadiene		12	8.2	190	17	<1.7
Carbon Disulfide		5	40	190	16	14
Carbon Tetrachloride		<1.9	<1.9	<130	3.1	<1.9
Chlorobenzene		<1.4	<1.4	<92	<1.8	<1.4
Chloroethane		<2	<2	<130	<2.6	<2
Chloroform		1.9	<1.5	<98	<2	<1.5
Chloromethane		<1.5	<1.5	<100	<2.1	<1.5
Dibromochloromethane		<2.6	<2.6	<170	<3.4	<2.6
Dichlorodifluoromethane		4.9	6.4	<250	<4.9	<3.7
1,1-Dichloroethane		<1.2	<1.2	<81	<1.6	<1.2
1,2-Dichloroethane		<1.2	<1.2	<81	<1.6	<1.2
1,1-Dichloroethene		<1.2	<1.2	<79	<1.6	<1.2
cis-1,2-Dichloroethene		<1.2	<1.2	<79	<1.6	<1.2
trans-1,2-Dichloroethene		<1.2	<1.2	<79	<1.6	<1.2
1,2-Dichloroethene (total)		<1.2	<1.2	<79	<1.6	<1.2
1,2-Dichloropropane		<1.4	<1.4	<92	<1.8	<1.4
cis-1,3-Dichloropropene		<1.4	<1.4	<91	<1.8	<1.4
trans-1,3-Dichloropropene		<1.4	<1.4	<91	<1.8	<1.4
1,3-Dichloropropene (total) (a)		<1.4	<1.4	<91	<1.8	<1.4
Ethylbenzene		<1.3	1.9	<87	4.3	<1.3
Freon 22		<2.7	<2.7	<180	<3.5	<2.7
Freon TF		10	18	<150	12	<2.3
Methyl Butyl Ketone		<3.1	10	<200	4.1	<3.1
Methylene Chloride		<2.6	<2.6	<170	<3.5	<2.6
Methyl Isobutyl Ketone		<3.1	<3.1	<200	<4.1	<3.1
Styrene		<1.3	1.8	<85	<1.7	<1.3
1,1,2,2-Tetrachloroethane		<2.1	<2.1	<140	<2.7	<2.1
Tetrachloroethene		20	20	<140	25	15
Toluene		4.1	6.4	75	12	3.7
1,1,1-Trichloroethane		9.8	18	<110	8.7	2.1
1,1,2-Trichloroethane		<1.6	<1.6	<110	<2.2	<1.6
Trichloroethene		4.2	26	<110	11	<1.6
Vinyl Chloride		<0.77	<0.77	<51	<1	<0.77
Xylene (m,p)		<3.3	<3.3	<220	19	<3.3
Xylene (o)		<1.3	1.9	<87	8.7	<1.3
Xylene (total)		<1.3	1.9	<87	29	<1.3
1,2,4-Trichlorobenzene		--	--	--	--	--
1,4-Dioxane		--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--
2-Hexanone		--	--	--	--	--
Allyl chloride		--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP101	SGP101	SGP101	SGP102	SGP103
	Depth (ft bls):	7-7.5	34-34.5	49-49.5	7-7.5	7-7.5
	Date:	6/29/2006	6/29/2006	6/29/2006	6/29/2006	06/28/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl	--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-	--	--	--	--	--	--
Cryofluorane	--	--	--	--	--	--
Cyclohexane	--	--	--	--	--	--
EDB	--	--	--	--	--	--
Freon 113	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Isopropanol	--	--	--	--	--	--
m-Dichlorobenzene	--	--	--	--	--	--
Methyl ethyl ketone	--	--	--	--	--	--
Methyl tert-butyl ether	--	--	--	--	--	--
n-Heptane	--	--	--	--	--	--
n-Hexane	--	--	--	--	--	--
o-Chlorotoluene	--	--	--	--	--	--
o-Dichlorobenzene	--	--	--	--	--	--
p-Dichlorobenzene	--	--	--	--	--	--
p-Ethyltoluene	--	--	--	--	--	--
tert-Butyl alcohol	--	--	--	--	--	--
Tetrahydrofuran	--	--	--	--	--	--
Trichlorofluoromethane	--	--	--	--	--	--
Vinyl bromide	--	--	--	--	--	--
		<b>215.7</b>	<b>338.7</b>	<b>6165</b>	<b>283.2</b>	<b>173.5</b>

**Bold indicates a detection**

ft bls Feet below land surface  
µg/m<sup>3</sup> Micrograms per cubic meter  
(a) Total represents sum of cis and trans isomers  
-- Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID: Depth (ft bls): Date: Units:	SGP103 34-34.5 06/28/2006 µg/m <sup>3</sup>	SGP103 49-49.5 6/29/2006 µg/m <sup>3</sup>	SGP104 7-7.5 06/26/2006 µg/m <sup>3</sup>	SGP105 7-7.5 06/26/2006 µg/m <sup>3</sup>	SGP106 7-7.5 06/26/2006 µg/m <sup>3</sup>	SGP-107 SGP107(7-7.5) 6/26/2006 µg/m <sup>3</sup>
Acetone		<b>4000</b>	<b>45</b>	<b>200</b>	<b>120</b>	<b>210</b>	<b>150</b>
Benzene		<b>180</b>	<b>5.4</b>	<b>14</b>	<b>5.8</b>	<b>14</b>	<1.3
Bromodichloromethane		<110	<1.1	<13	<2.7	<4	<2.7
Bromoform		<170	<1.7	<21	<4.1	<6.2	<4.1
Bromomethane		<62	<0.62	<7.8	<1.6	<2.3	<1.6
1,3-Butadiene		<b>120</b>	<b>13</b>	<b>49</b>	<b>12</b>	<b>19</b>	<b>7.1</b>
Carbon Disulfide		<b>140</b>	<b>1.4</b>	<b>17</b>	<b>9</b>	<b>14</b>	<b>6.5</b>
Carbon Tetrachloride		<100	<1	<13	<2.5	<3.8	<2.5
Chlorobenzene		<74	<0.74	<9.2	<1.8	<2.8	<1.8
Chloroethane		<110	<1.1	<13	<2.6	<4	<2.6
Chloroform		<78	<b>13</b>	<9.8	<b>2.7</b>	<b>3.2</b>	<2
Chloromethane		<83	<0.83	<10	<2.1	<3.1	<2.1
Dibromochloromethane		<140	<1.4	<17	<3.4	<5.1	<3.4
Dichlorodifluoromethane		<200	<b>6.9</b>	<25	<b>5.4</b>	<7.4	<b>25</b>
1,1-Dichloroethane		<65	<0.65	<b>530</b>	<1.6	<2.4	<1.6
1,2-Dichloroethane		<65	<0.65	<8.1	<1.6	<2.4	<1.6
1,1-Dichloroethene		<63	<0.63	<7.9	<1.6	<2.4	<1.6
cis-1,2-Dichloroethene		<63	<0.63	<7.9	<1.6	<2.4	<1.6
trans-1,2-Dichloroethene		<63	<0.63	<7.9	<1.6	<2.4	<1.6
1,2-Dichloroethene (total)		<63	<0.63	<7.9	<1.6	<2.4	<1.6
1,2-Dichloropropane		<74	<0.74	<9.2	<1.8	<2.8	<1.8
cis-1,3-Dichloropropene		<73	<0.73	<9.1	<1.8	<2.7	<1.8
trans-1,3-Dichloropropene		<73	<0.73	<9.1	<1.8	<2.7	<1.8
1,3-Dichloropropene (total) (a)		<73	<0.73	<9.1	<1.8	<2.7	--
Ethylbenzene		<69	<b>1.8</b>	<8.7	<1.7	<b>4.3</b>	<1.7
Freon 22		<140	<1.4	<18	<3.5	<5.3	<b>81</b>
Freon TF		<120	<b>5</b>	<15	<3.1	<4.6	--
Methyl Butyl Ketone		<160	<1.6	<20	<4.1	<6.1	--
Methylene Chloride		<140	<1.4	<17	<3.5	<b>14</b>	<3.5
Methyl Isobutyl Ketone		<160	<1.6	<20	<4.1	<6.1	<4.1
Styrene		<68	<b>1.2</b>	<8.5	<1.7	<b>3.7</b>	<1.7
1,1,2,2-Tetrachloroethane		<110	<1.1	<14	<2.7	<4.1	<2.7
Tetrachloroethene		<110	<b>75</b>	<b>24</b>	<b>15</b>	<b>26</b>	<b>10</b>
Toluene		<b>280</b>	<b>7.9</b>	<b>18</b>	<b>6</b>	<b>53</b>	<b>4.1</b>
1,1,1-Trichloroethane		<87	<b>38</b>	<b>2100</b>	<b>2.4</b>	<3.3	<2.2
1,1,2-Trichloroethane		<87	<0.87	<11	<2.2	<3.3	<2.2
Trichloroethene		<86	<b>54</b>	<11	<2.1	<b>120</b>	<b>9.7</b>
Vinyl Chloride		<41	<0.41	<5.1	<1	<1.5	<1
Xylene (m,p)		<170	<b>1.8</b>	<22	<4.3	<b>8.7</b>	<4.3
Xylene (o)		<69	<b>1.5</b>	<8.7	<1.7	<b>3.8</b>	<1.7
Xylene (total)		<69	<b>3.4</b>	<8.7	<1.7	<b>13</b>	<1.7
1,2,4-Trichlorobenzene		--	--	--	--	--	--
1,4-Dioxane		--	--	--	--	--	--
2,2,4-Trimethylpentane		--	--	--	--	--	--
2-Hexanone		--	--	--	--	--	<4.1
Allyl chloride		--	--	--	--	--	--

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SGP103	SGP103	SGP104	SGP105	SGP106	SGP-107
	Depth (ft bls):	34-34.5	49-49.5	7-7.5	7-7.5	7-7.5	SGP107(7-7.5)
	Date:	06/28/2006	6/29/2006	06/26/2006	06/26/2006	06/26/2006	6/26/2006
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl		--	--	--	--	--	--
Benzene, 1,3,5-trimethyl-		--	--	--	--	--	--
Cryofluorane		--	--	--	--	--	--
Cyclohexane		--	--	--	--	--	--
EDB		--	--	--	--	--	--
Freon 113		--	--	--	--	--	<3.1
Hexachlorobutadiene		--	--	--	--	--	--
Isopropanol		--	--	--	--	--	--
m-Dichlorobenzene		--	--	--	--	--	--
Methyl ethyl ketone		--	--	--	--	--	--
Methyl tert-butyl ether		--	--	--	--	--	--
n-Heptane		--	--	--	--	--	--
n-Hexane		--	--	--	--	--	--
o-Chlorotoluene		--	--	--	--	--	--
o-Dichlorobenzene		--	--	--	--	--	--
p-Dichlorobenzene		--	--	--	--	--	--
p-Ethyltoluene		--	--	--	--	--	--
tert-Butyl alcohol		--	--	--	--	--	--
Tetrahydrofuran		--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--
Vinyl bromide		--	--	--	--	--	--
		<b>4,720</b>	<b>289.3</b>	<b>3,279</b>	<b>199.3</b>	<b>4,325</b>	<b>318.4</b>

**Bold indicates a detection**

ft bls Feet below land surface

µg/m<sup>3</sup> Micrograms per cubic meter

(a) Total represents sum of cis and trans isomers

-- Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SVP-1	SVP-1	SVP-1	SVP-2	SVP-2
	Depth (ft bls):	SVP-1(15')	SVP-1(40')	SVP-1(5')	SVP-2(5')	SVP-2(15')
	Date:	10/27/2004	10/27/2004	10/27/2004	10/26/2004	10/26/2004
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Acetone		<b>240</b>	<b>1200D</b>	<b>230D</b>	<b>380D</b>	<b>170D</b>
Benzene		<b>27</b>	<b>77</b>	<b>9.6</b>	<b>12</b>	<b>31</b>
Bromodichloromethane		<3.4	<3.4	<3.4	<3.4	<3.4
Bromoform		<5.2	<5.2	<5.2	<5.2	<5.2
Bromomethane		<1	<1	<1	<1	<1
1,3-Butadiene		<b>29</b>	<b>120D</b>	<b>14</b>	<b>12</b>	<b>35</b>
Carbon Disulfide		<b>18</b>	<b>12</b>	<b>10</b>	<b>22</b>	<b>56</b>
Carbon Tetrachloride		<3.1	<3.1	<3.1	<3.1	<3.1
Chlorobenzene		<2.3	<2.3	<2.3	<2.3	<2.3
Chloroethane		<1.3	<1.3	<1.3	<1.3	<1.3
Chloroform		<2.4	<2.4	<2.4	<2.4	<2.4
Chloromethane		<b>15</b>	<b>110</b>	<b>12</b>	<b>19</b>	<b>14</b>
Dibromochloromethane		<4.3	<4.3	<4.3	<4.3	<4.3
Dichlorodifluoromethane		<2.5	<b>3.3</b>	<2.5	<2.5	<2.5
1,1-Dichloroethane		<2	<2	<2	<2	<2
1,2-Dichloroethane		<2	<2	<2	<2	<2
1,1-Dichloroethene		<2	<2	<2	<2	<2
cis-1,2-Dichloroethene		<2	<2	<2	<2	<2
trans-1,2-Dichloroethene		<3.8	<3.8	<3.8	<3.8	<3.8
1,2-Dichloroethene (total)		--	--	--	--	--
1,2-Dichloropropane		<2.3	<2.3	<2.3	<2.3	<2.3
cis-1,3-Dichloropropene		<2.3	<2.3	<2.3	<2.3	<2.3
trans-1,3-Dichloropropene		<2.3	<2.3	<2.3	<2.3	<2.3
1,3-Dichloropropene (total) (a)		--	--	--	--	--
Ethylbenzene		<b>7.8</b>	<b>17</b>	<b>3.2</b>	<b>4.3</b>	<b>11</b>
Freon 22		--	--	--	--	--
Freon TF		--	--	--	--	--
Methyl Butyl Ketone		--	--	--	--	--
Methylene Chloride		<1.7	<1.7	<1.7	<1.7	<1.7
Methyl Isobutyl Ketone		<2.1	<2.1	<2.1	<2.1	<2.1
Styrene		<3.4	<3.4	<3.4	<3.4	<3.4
1,1,2,2-Tetrachloroethane		<b>55</b>	<b>22</b>	<b>14</b>	<b>14</b>	<b>46</b>
Tetrachloroethene		<b>41</b>	<b>98</b>	<b>18</b>	<b>21</b>	<b>49</b>
Toluene		<b>9.8</b>	<2.7	<2.7	<2.7	<b>3.9</b>
1,1,1-Trichloroethane		<2.7	<2.7	<2.7	<2.7	<2.7
1,1,2-Trichloroethane		<b>24</b>	<b>4.7</b>	<2.7	<2.7	<b>86</b>
Trichloroethene		<1.3	<1.3	<1.3	<1.3	<1.3
Vinyl Chloride		<b>23</b>	<b>31</b>	<b>8.7</b>	<b>14</b>	<b>30</b>
Xylene (m,p)		<b>7.4</b>	<b>14</b>	<b>3</b>	<b>4.3</b>	<b>8.7</b>
Xylene (o)		<b>31</b>	<b>48</b>	<b>12</b>	<b>20</b>	<b>40</b>
Xylene (total)		<3.7	<3.7	<3.7	<3.7	<3.7
1,2,4-Trichlorobenzene		<2	<2	<2	<2	<2
1,4-Dioxane		<2.3	<b>5.1</b>	<2.3	<2.3	<b>2.6</b>
2,2,4-Trimethylpentane		<2	<b>11</b>	<2	<b>3.6</b>	<2
2-Hexanone		<1.6	<1.6	<1.6	<1.6	<1.6
Allyl chloride		<b>4.9</b>	<b>4.5</b>	<2.5	<b>4.6</b>	<b>6.4</b>

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SVP-1	SVP-1	SVP-1	SVP-2	SVP-2
	Depth (ft bls):	SVP-1(15')	SVP-1(40')	SVP-1(5')	SVP-2(5')	SVP-2(15')
	Date:	10/27/2004	10/27/2004	10/27/2004	10/26/2004	10/26/2004
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl		<2.5	<2.5	<2.5	<2.5	<2.5
Benzene, 1,3,5-trimethyl-		<3.5	<3.5	<3.5	<3.5	<3.5
Cryofluorane		<1.7	<b>200D</b>	<b>52</b>	<b>52</b>	<b>79</b>
Cyclohexane		<3.8	<3.8	<3.8	<3.8	<3.8
EDB		<2	<2	<2	<2	<2
Freon 113		<5.3	<5.3	<5.3	<5.3	<5.3
Hexachlorobutadiene		<12	<12	<12	<12	<12
Isopropanol		<3	<3	<3	<3	<3
m-Dichlorobenzene		<1.9	<1.9	<1.9	<1.9	<1.9
Methyl ethyl ketone		<b>2.9</b>	<b>6.1</b>	<b>2.3</b>	<b>2.3</b>	<b>2.5</b>
Methyl tert-butyl ether		<b>40</b>	<b>110</b>	<b>28</b>	<2	<b>53</b>
n-Heptane		<b>23</b>	<b>81</b>	<b>7.8</b>	<b>8.1</b>	<b>31</b>
n-Hexane		<2.6	<2.6	<2.6	<2.6	<2.6
o-Chlorotoluene		<3	<3	<3	<3	<3
o-Dichlorobenzene		<b>9</b>	<b>9</b>	<b>5.8</b>	<b>7.8</b>	<b>11</b>
p-Dichlorobenzene		<b>5.9</b>	<b>6.9</b>	<2.5	<2.5	<2.5
p-Ethyltoluene		<b>18</b>	<b>30</b>	<b>19</b>	<b>16</b>	<15
tert-Butyl alcohol		<15	<15	<15	<15	<15
Tetrahydrofuran		<2.8	<b>5.4</b>	<2.8	<2.8	<2.8
Trichlorofluoromethane		<2.2	<2.2	<2.2	<2.2	<2.2
Vinyl bromide						
		<b>631.7</b>	<b>2,226</b>	<b>449.4</b>	<b>617</b>	<b>766.1</b>

**Bold indicates a detection**

ft bls Feet below land surface

µg/m<sup>3</sup> Micrograms per cubic meter

(a) Total represents sum of cis and trans isomers

-- Not analyzed for

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID: Depth (ft bls): Date: Units:	SVP-2 SVP-2(40') 10/27/2004 µg/m <sup>3</sup>	SVP-3 SVP-3(15') 10/26/2004 µg/m <sup>3</sup>	SVP-3 SVP-3(40') 10/26/2004 µg/m <sup>3</sup>	SVP-3 SVP-3(5') 10/26/2004 µg/m <sup>3</sup>	SVP-4 SVP-4(15') 10/26/2004 µg/m <sup>3</sup>
Acetone		<b>1200D</b>	<b>330</b>	<b>570</b>	<b>76</b>	<b>140</b>
Benzene		<b>89</b>	<b>22</b>	<b>83</b>	<b>9.3</b>	<b>45</b>
Bromodichloromethane		<3.4	<20	<67	<3.4	<17
Bromoform		<5.2	<31	<100	<5.2	<26
Bromomethane		<1	<6.2	<21	<b>2.3</b>	<5.2
1,3-Butadiene		<b>130D</b>	<b>17</b>	<b>110</b>	<b>7.3</b>	<b>31</b>
Carbon Disulfide		<b>25</b>	<b>78</b>	<b>65</b>	<b>19</b>	<b>17</b>
Carbon Tetrachloride		<3.1	<19	<63	<3.1	<16
Chlorobenzene		<2.3	<14	<46	<b>3.5</b>	<12
Chloroethane		<1.3	<7.9	<26	<1.3	<6.6
Chloroform		<2.4	<15	<49	<2.4	<12
Chloromethane		<b>83</b>	<b>35</b>	<b>56</b>	<b>4.7</b>	<b>18</b>
Dibromochloromethane		<4.3	<26	<85	<4.3	<21
Dichlorodifluoromethane		<2.5	<15	<49	<2.5	<12
1,1-Dichloroethane		<2	<b>29</b>	<b>160</b>	<2	<b>19</b>
1,2-Dichloroethane		<2	<b>34</b>	<b>150</b>	<2	<9.9
1,1-Dichloroethene		<2	<12	<40	<2	<9.9
cis-1,2-Dichloroethene		<2	<b>23</b>	<b>120</b>	<2	<9.9
trans-1,2-Dichloroethene		<3.8	<23	<77	<3.8	<19
1,2-Dichloroethene (total)		--	--	--	--	--
1,2-Dichloropropane		<2.3	<14	<46	<2.3	<12
cis-1,3-Dichloropropene		<2.3	<14	<45	<2.3	<11
trans-1,3-Dichloropropene		<2.3	<14	<45	<2.3	<11
1,3-Dichloropropene (total) (a)		--	--	--	--	--
Ethylbenzene		<b>19</b>	<13	<43	<b>4.8</b>	<b>12</b>
Freon 22		--	--	--	--	--
Freon TF		--	--	--	--	--
Methyl Butyl Ketone		--	--	--	--	--
Methylene Chloride		<1.7	<10	<35	<1.7	<8.7
Methyl Isobutyl Ketone		<2.1	<13	<43	<2.1	<11
Styrene		<3.4	<21	<69	<3.4	<17
1,1,2,2-Tetrachloroethane		<b>23</b>	<b>81</b>	<b>160</b>	<b>16</b>	<b>56</b>
Tetrachloroethene		<b>110</b>	<b>45</b>	<b>110</b>	<b>20</b>	<b>64</b>
Toluene		<2.7	<b>150</b>	<b>310</b>	<2.7	<b>71</b>
1,1,1-Trichloroethane		<2.7	<16	<55	<2.7	<14
1,1,2-Trichloroethane		<b>17</b>	<b>860</b>	<b>2500</b>	<2.7	<b>640</b>
Trichloroethene		<1.3	<7.7	<26	<1.3	<6.4
Vinyl Chloride		<b>38</b>	<b>26</b>	<b>52</b>	<b>17</b>	<b>30</b>
Xylene (m,p)		<b>15</b>	<13	<43	<b>5.2</b>	<b>11</b>
Xylene (o)		<b>56</b>	<b>27</b>	<b>52</b>	<b>24</b>	<b>42</b>
Xylene (total)		<3.7	<22	<74	<3.7	<19
1,2,4-Trichlorobenzene		<2	<12	<40	<2	<10
1,4-Dioxane		<2.3	<14	<47	<2.3	<12
2,2,4-Trimethylpentane		<b>9.8</b>	<12	<41	<2	<10
2-Hexanone		<1.6	<9.4	<31	<1.6	<7.8
Allyl chloride		<b>6.9</b>	<15	<49	<b>6.4</b>	<12

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SVP-2	SVP-3	SVP-3	SVP-3	SVP-4
	Depth (ft bls):	SVP-2(40')	SVP-3(15')	SVP-3(40')	SVP-3(5')	SVP-4(15')
	Date:	10/27/2004	10/26/2004	10/26/2004	10/26/2004	10/26/2004
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl		<2.5	<15	<49	<2.5	<12
Benzene, 1,3,5-trimethyl-		<3.5	<21	<70	<3.5	<17
Cryofluorane		<b>130</b>	<b>76</b>	<b>220</b>	<b>41</b>	<b>72</b>
Cyclohexane		<3.8	<23	<77	<3.8	<19
EDB		<2	<b>13</b>	<b>40</b>	<2	<9.9
Freon 113		<5.3	<32	<110	<5.3	<27
Hexachlorobutadiene		<12	<74	<250	<12	<61
Isopropanol		<3	<18	<60	<3	<15
m-Dichlorobenzene		<1.9	<12	<39	<1.9	<9.7
Methyl ethyl ketone		<b>6.1</b>	<11	<36	<1.8	<9
Methyl tert-butyl ether		<b>130</b>	<b>45</b>	<b>110</b>	<b>23</b>	<b>82</b>
n-Heptane		<b>120</b>	<b>19</b>	<b>74</b>	<b>5.3</b>	<b>74</b>
n-Hexane		<2.6	<16	<52	<2.6	<13
o-Chlorotoluene		<3	<18	<60	<3	<15
o-Dichlorobenzene		<b>9.6</b>	<18	<60	<b>9.6</b>	<15
p-Dichlorobenzene		<2.5	<15	<49	<b>6.4</b>	<12
p-Ethyltoluene		<b>39</b>	<91	<300	<15	<76
tert-Butyl alcohol		<15	<88	<290	<15	<74
Tetrahydrofuran		<2.8	<17	<56	<2.8	<14
Trichlorofluoromethane		<2.2	<13	<44	<2.2	<11
Vinyl bromide						
		<b>2,256</b>	<b>1,910</b>	<b>4,942</b>	<b>300.8</b>	<b>10,833</b>

**Bold indicates a detection**

ft bls Feet below land surface  
µg/m<sup>3</sup> Micrograms per cubic meter

(a) Total represents sum of cis and trans isomers

-- Not analyzed for



Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SVP-4	SVP-4
	Depth (ft bls):	SVP-4(40')	SVP-4(5')
	Date:	10/26/2004	10/26/2004
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Acetone		<b>2100</b>	<b>86</b>
Benzene		<b>640</b>	<b>29</b>
Bromodichloromethane		<140	<3.4
Bromoform		<220	<5.2
Bromomethane		<43	<b>1.1</b>
1,3-Butadiene		<b>400</b>	<b>24</b>
Carbon Disulfide		<65	<b>11</b>
Carbon Tetrachloride		<130	<3.1
Chlorobenzene		<b>100</b>	<2.3
Chloroethane		<55	<1.3
Chloroform		<100	<2.4
Chloromethane		<b>270</b>	<b>11</b>
Dibromochloromethane		<180	<4.3
Dichlorodifluoromethane		<100	<b>3.9</b>
1,1-Dichloroethane		<85	<2
1,2-Dichloroethane		<83	<2
1,1-Dichloroethene		<83	<2
cis-1,2-Dichloroethene		<83	<2
trans-1,2-Dichloroethene		<160	<3.8
1,2-Dichloroethene (total)		--	--
1,2-Dichloropropane		<97	<2.3
cis-1,3-Dichloropropene		<95	<2.3
trans-1,3-Dichloropropene		<95	<2.3
1,3-Dichloropropene (total) (a)		--	--
Ethylbenzene		<91	<b>4.8</b>
Freon 22		--	--
Freon TF		--	--
Methyl Butyl Ketone		--	--
Methylene Chloride		<73	<1.7
Methyl Isobutyl Ketone		<89	<b>2.6</b>
Styrene		<140	<3.4
1,1,2,2-Tetrachloroethane		<140	<b>24</b>
Tetrachloroethene		<b>570</b>	<b>26</b>
Toluene		<110	<b>20</b>
1,1,1-Trichloroethane		<110	<2.7
1,1,2-Trichloroethane		<110	<b>70</b>
Trichloroethene		<54	<1.3
Vinyl Chloride		<b>140</b>	<b>16</b>
Xylene (m,p)		<91	<b>5.2</b>
Xylene (o)		<b>150</b>	<b>23</b>
Xylene (total)		<160	<3.7
1,2,4-Trichlorobenzene		<85	<2
1,4-Dioxane		<98	<2.3
2,2,4-Trimethylpentane		<86	<2
2-Hexanone		<66	<1.6
Allyl chloride		<100	<b>6.4</b>

Footnotes on next page.

Table 2-1. Concentrations of Volatile Organic Compounds in On-Site Soil Gas Samples, Former Grumman Settling Ponds  
(Operable Unit 3 - Bethpage Community Park), Bethpage, New York

Constituent	Sample ID:	SVP-4	SVP-4
	Depth (ft bls):	SVP-4(40')	SVP-4(5')
	Date:	10/26/2004	10/26/2004
	Units:	µg/m <sup>3</sup>	µg/m <sup>3</sup>
Benzene, 1,2,4-trimethyl		<100	<2.5
Benzene, 1,3,5-trimethyl-		<150	<3.5
Cryofluorane		<b>260</b>	<b>28</b>
Cyclohexane		<160	<3.8
EDB		<83	<2
Freon 113		<220	<5.3
Hexachlorobutadiene		<520	<12
Isopropanol		<130	<3
m-Dichlorobenzene		<82	<1.9
Methyl ethyl ketone		<76	<b>2.1</b>
Methyl tert-butyl ether		<b>290</b>	<b>21</b>
n-Heptane		<b>340</b>	<b>13</b>
n-Hexane		<110	<2.6
o-Chlorotoluene		<130	<3
o-Dichlorobenzene		<130	<b>5.8</b>
p-Dichlorobenzene		<100	<b>6.4</b>
p-Ethyltoluene		<640	<15
tert-Butyl alcohol		<620	<15
Tetrahydrofuran		<120	<2.8
Trichlorofluoromethane		<92	<2.2
Vinyl bromide			
		<b>5,260</b>	<b>440.3</b>

**Bold indicates a detection**

ft bls	Feet below land surface
µg/m <sup>3</sup>	Micrograms per cubic meter
(a)	Total represents sum of cis and trans isomers
--	Not analyzed for