

**Steven Scharf - NGC OU3 RI - Off-Site VPB GW Data**

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**From:** "Stern, David" <David.Stern@arcadis-us.com>  
**To:** Steven Scharf <sxscharf@gw.dec.state.ny.us>  
**Date:** 1/23/2008 10:23 AM  
**Subject:** NGC OU3 RI - Off-Site VPB GW Data  
**CC:** "Cofman, John" <john.cofman@ngc.com>, "Wolfert, Mike" <Mike.Wolfert@arca...>  
**Attachments:** NGC TABLE 1. \_001.pdf

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Steve:

Per your request, attached are the results from sampling for VOCs in off-site vertical profile borings for the OU3 RI, as provided previously in separate tables to NYSDEC. The figure that should be utilized with these data is included in the off-site RI work plan currently under your review. Feel free to call if you have questions.

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-100 VP-100(46-51) 9/15/2006	VP-100 VP-100(55-60) 9/15/2006	VP-100 VP-100(75-80) 9/14/2006	VP-100 VP-100(105-110) 9/14/2006	VP-100 REP091406(105-110) 9/14/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<10	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<10	<5	<5	<5
1,1,2-Trichloroethane		<5	<10	<5	<5	<5
1,1-Dichloroethane		<5	<10	<5	<5	<5
1,1-Dichloroethene		<5	<10	<5	<5	<5
1,2-Dichloroethane		<5	<10	<5	<5	<5
1,2-Dichloropropane		<5	<10	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<b>0.27 J</b>	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<10	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<10	<5	<5	<5
Bromoform		<5	<10	<5	<5	<5
Bromomethane		<5	<10	<5	<5	<5
Carbon disulfide		<5	<10	<5	<5	<5
Carbon tetrachloride		<5	<10	<5	<5	<5
Chlorobenzene		<5	<10	<5	<5	<5
Chlorodifluoromethane		<b>0.95 J</b>	<b>1.2 J</b>	<b>14</b>	<b>3 J</b>	<b>3 J</b>
Chloroethane		<5	<10	<5	<5	<5
Chloroform		<b>0.77 J</b>	<b>0.63 J</b>	<b>9</b>	<b>2 J</b>	<b>2 J</b>
Chloromethane		<5	<10	<5	<5	<5
cis-1,2-Dichloroethylene		<b>15</b>	<b>13</b>	<b>100</b>	<b>140</b>	<b>150</b>
cis-1,3-Dichloropropene		<5	<10	<5	<5	<5
Dibromochloromethane		<5	<10	<5	<5	<5
Dichlorodifluoromethane		<5	<10	<5	<5	<5
Ethylbenzene		<5	<10	<5	<5	<5
Freon 113		<5	<10	<5	<5	<5
Methylene chloride		<5	<10	<5B	<5B	<5B
Styrene		<5	<10	<5	<5	<5
Tetrachloroethene		<5	<10	<5	<5	<5
Toluene		<5	<b>0.48 J</b>	<b>2 J</b>	<b>1 J</b>	<b>0.8 J</b>
trans-1,2-Dichloroethylene		<5	<10	<5	<5	<5
trans-1,3-Dichloropropene		<5	<10	<5	<5	<5
Trichloroethene		<b>2.5 J</b>	<b>2.4 J</b>	<b>17</b>	<b>22</b>	<b>23</b>
Vinyl Acetate		<5	<10	<5	<5	<5
Vinyl Chloride		<b>0.19 J</b>	<b>0.12 J</b>	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<10	<5	<5	<5
<b>TVOCs</b>		<b>19.41</b>	<b>18.1</b>	<b>142</b>	<b>168</b>	<b>178.8</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-100 Sample ID: VP-100(125-130) Sample Date: 9/13/2006	VP-100 VP-100(145-150) 9/13/2006	VP-100 VP-100(160-165) 9/12/2006	VP-100 VP-100(180-185) 9/12/2006	VP-100 VP-100(190-195) 9/12/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<b>3 J</b>	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<b>0.7 J</b>	<b>0.7 J</b>	<b>2 J</b>	<5	<b>2 J</b>
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>930 D</b>	<b>1500 D</b>	<b>360 D</b>	<b>66</b>	<b>16</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<5	<b>0.6 J</b>
Toluene	<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene	<b>0.9 J</b>	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>97</b>	<b>190</b>	<b>78</b>	<b>32</b>	<b>20</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<b>2 J</b>	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>1028.6</b>	<b>1690.7</b>	<b>445</b>	<b>98</b>	<b>38.6</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-100 Sample ID: VP-100(200-205) Sample Date: 9/11/2006	VP-100 VP-100(210-215) 9/11/2006	VP-100 VP-100(220-225) 9/11/2006	VP-100 VP-100(230-235) 9/8/2006	VP-100 REP090806(230) 9/8/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<b>2 J</b>	<b>2 J</b>	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<b>0.6 J</b>	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>11</b>	<b>22</b>	<b>17</b>	<b>3 J</b>	<b>3 J</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<b>2 J</b>	<b>0.9 J</b>
Toluene	<b>0.8 J</b>	<5	<5	<b>1 J</b>	<b>1 J</b>
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>11</b>	<b>15</b>	<b>14</b>	<b>20</b>	<b>20</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>23.4</b>	<b>39</b>	<b>33</b>	<b>26</b>	<b>24.9</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-100 VP-100(240-245) 9/8/2006	VP-100 VP-100(250-255) 9/7/2006	VP-100 VP-100(270-275) 9/7/2006	VP-100 VP-100(290-295) 9/6/2006	VP-100 VP-100(310-315) 9/6/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<10	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<10	<5
1,1,2-Trichloroethane		<5	<5	<5	<10	<5
1,1-Dichloroethane		<5	<5	<5	<10	<5
1,1-Dichloroethene		<5	<5	<5	<10	<5
1,2-Dichloroethane		<5	<5	<5	<10	<5
1,2-Dichloropropane		<5	<5	<5	<10	<5
2-Butanone		<10	<10	<10	<20	<10
2-Hexanone		<10	<10	<10	<20	<10
4-Methyl-2-pentanone		<10	<10	<10	<20	<10
Acetone		<10	<10	<10	<20	<10
Benzene		<0.7	<0.7	<0.7	<1	<0.7
Bromodichloromethane		<5	<5	<5	<10	<5
Bromoform		<5	<5	<5	<10	<5
Bromomethane		<5	<5	<5	<10	<5
Carbon disulfide		<5	<5	<5	<10	<5
Carbon tetrachloride		<5	<5	<5	<10	<5
Chlorobenzene		<5	<5	<5	<10	<5
Chlorodifluoromethane		<5	<5	<5	<10	<5
Chloroethane		<5	<5	<5	<10	<5
Chloroform		<5	<5	<5	<10	<5
Chloromethane		<5	<5	<5	<10	<5
cis-1,2-Dichloroethylene		<b>2 J</b>	<b>3 J</b>	<b>8</b>	<b>7 J</b>	<5
cis-1,3-Dichloropropene		<5	<5	<5	<10	<5
Dibromochloromethane		<5	<5	<5	<10	<5
Dichlorodifluoromethane		<5	<5	<5	<10	<5
Ethylbenzene		<5	<5	<5	<10	<5
Freon 113		<5	<5	<5	<10	<5
Methylene chloride		<5	<5	<5	<10	<5
Styrene		<5	<5	<5	<10	<5
Tetrachloroethene		<b>3 J</b>	<b>2 J</b>	<b>3 J</b>	<10	<b>3 J</b>
Toluene		<5	<b>8</b>	<b>3 J</b>	<b>1 J</b>	<b>1 J</b>
trans-1,2-Dichloroethylene		<5	<5	<5	<10	<5
trans-1,3-Dichloropropene		<5	<5	<5	<10	<5
Trichloroethene		<b>47</b>	<b>86</b>	<b>240 D</b>	<b>190</b>	<b>18</b>
Vinyl Acetate		<5	<5	<5	<10	<5
Vinyl Chloride		<2	<2	<2	<4	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<10	<5
<b>TVOCs</b>		<b>52</b>	<b>99</b>	<b>254</b>	<b>198</b>	<b>22</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-100 Sample ID: VP-100(330-335) Sample Date: 9/5/2006	VP-100 REP090506(330) 9/5/2006	VP-100 VP-100(350-355) 9/5/2006	VP-100 VP-100(371-376) 9/1/2006	VP-100 VP-100(394-399) 9/1/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<b>0.9 J</b>	<b>0.8 J</b>	<5	<5	<b>0.7 J</b>
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<b>6</b>	<b>7</b>	<5	<b>0.5 J</b>	<b>0.8 J</b>
Toluene	<b>1 J</b>	<b>1 J</b>	<5	<b>0.7 J</b>	<5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>11</b>	<b>12</b>	<b>2 J</b>	<b>0.6 J</b>	<b>1 J</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>18.9</b>	<b>20.8</b>	<b>2</b>	<b>1.8</b>	<b>2.5</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-101 VP-101 (60') 6/27/2006	VP-101 VP-101 (80') 6/27/2006	VP-101 VP-101 (100') 6/28/2006	VP-101 VP-101 (120') 6/28/2006	VP-101 VP-101 (140') 6/28/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<36	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<10	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-101 VP-101 (167') 6/29/2006	VP-101 VP-101 (180') 6/29/2006	VP-101 VP-101 (200) 6/30/2006	VP-101 VP-101 (227) 6/30/2006	VP-101 REP063006 6/30/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	--	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<b>4 J</b>	<b>5 J</b>	<b>5 J</b>
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<b>1 JB</b>	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<b>0.6 J</b>	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<b>0.8 J</b>	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0.6</b>	<b>4</b>	<b>6.8</b>	<b>5</b>



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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-101 VP-101 (240) 7/5/2006	VP-101 VP-101 (260) 7/5/2006	VP-101 VP-101 (287) 7/6/2006	VP-101 VP-101 (300) 7/6/2006	VP-101 VP-101(320) 7/6/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		--	<5	--	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<10
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<10
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-101 VP-101(340) 7/6/2006	VP-101 VP-101(360) 7/7/2006	VP-101 VP-101 (387) 7/10/2006	VP-101 VP-101 (400) 7/10/2006	VP-101 VP-101 (420) 7/11/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<b>6 J</b>	<10	<b>4 J</b>	<b>6 J</b>	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<10	<10	<10	<10	<10
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<10	<10	<10	<10	<10
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>6</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-101 VP-101 (440) 7/11/2006	VP-101 VP-101 (460) 7/11/2006	VP-101 VP-101 (480) 7/12/2006	VP-101 VP-101(507) 7/13/2006	VP-102 VP-102(45-50) 10/13/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<18
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<10	<10	<10	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<10	<10	<10	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	1.6 J
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	14
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15.6</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-102 VP-102(65-70) 10/13/2006	VP-102 REP101306 (2)65 10/13/2006	VP-102 VP-102(85-90) 10/13/2006	VP-102 VP-102(105-110) 10/12/2006	VP-102 VP-102(125-130) 10/12/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<b>0.32 J</b>	<b>0.37 J</b>	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<b>0.42 J</b>	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<b>4.2 J</b>	<b>4 J</b>	<b>4.4 J</b>	<b>7.2</b>	<b>1.6 J</b>
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>33</b>	<b>34</b>	<b>13</b>	<b>34</b>	<b>16</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>37.52</b>	<b>38.79</b>	<b>17.4</b>	<b>41.2</b>	<b>17.6</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-102 Sample ID: VP-102 (135-140) Sample Date: 10/11/2006	VP-102 VP-102 (150-155) 10/11/2006	VP-102 VP-102 (160-165) 10/11/2006	VP-102 VP-102 (170-175) 10/10/2006	VP-102 VP-102 (180-185) 10/10/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<b>2 J</b>
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<b>6.2</b>
1,1-Dichloroethene	<5	<b>0.61 J</b>	<b>0.77 J</b>	<b>1.1 J</b>	<b>1.9 J</b>
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>0.98 J</b>	<b>1.2 J</b>	<b>2.5 J</b>	<b>4.1 J</b>	<b>2.2 J</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<b>1 J</b>	<b>2.1 J</b>	<b>4.1 J</b>	<b>1.8 J</b>
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<b>0.74 J</b>	<5
Toluene	<b>4.3 J</b>	<b>5.1</b>	<b>3.5 J</b>	<b>0.64 J</b>	<5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>83</b>	<b>86</b>	<b>140</b>	<b>150</b>	<b>78</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>88.28</b>	<b>93.91</b>	<b>148.87</b>	<b>160.68</b>	<b>92.1</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-102 Sample ID: VP-102 (190-195) Sample Date: 10/6/2006	VP-102 VP-102 (200-205) 10/6/2006	VP-102 VP-102 (220-225) 10/5/2006	VP-102 VP-102 (240-245) 10/5/2006	VP-102 VP-102 (250-255) 10/4/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<10
1,1,1,2-Tetrachloroethane	<5	<5	<5	<5	<10
1,1,2-Trichloroethane	<5	<5	<5	<5	<10
1,1-Dichloroethane	<b>12</b>	<b>3.6 J</b>	<5	<b>7.8</b>	<b>6.6 J</b>
1,1-Dichloroethene	<b>3.3 J</b>	<5	<5	<b>1.5 J</b>	<b>2.2 J</b>
1,2-Dichloroethane	<5	<5	<5	<5	<10
1,2-Dichloropropane	<5	<5	<5	<5	<10
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<10
Bromodichloromethane	<5	<5	<5	<5	<10
Bromoform	<5	<5	<5	<5	<10
Bromomethane	<5	<5	<5	<5	<10
Carbon disulfide	<5	<5	<5	<5	<10
Carbon tetrachloride	<5	<5	<5	<5	<10
Chlorobenzene	<5	<5	<5	<5	<10
Chlorodifluoromethane	<5	<5	<5	<5	<10
Chloroethane	<5	<5	<5	<5	<10
Chloroform	<b>0.85 J</b>	<5	<5	<5	<10
Chloromethane	<5	<5	<5	<5	<10
cis-1,2-Dichloroethylene	<b>3 J</b>	<b>1.7 J</b>	<b>6.2</b>	<b>4.7 J</b>	<b>34 J</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<10
Dibromochloromethane	<5	<5	<5	<5	<10
Dichlorodifluoromethane	<5	<5	<5	<5	<10
Ethylbenzene	<5	<5	<5	<5	<10
Freon 113	<5	<5	<5	<5	<10
Methylene chloride	<5	<5	<5	<5	<10
Styrene	<5	<5	<5	<5	<10
Tetrachloroethene	<5	<5	<5	<5	<10
Toluene	<b>0.9 J</b>	<b>1.1 J</b>	<5	<5	<10
trans-1,2-Dichloroethylene	<b>2.6 J</b>	<5	<5	<5	<10
trans-1,3-Dichloropropene	<5	<5	<5	<5	<10
Trichloroethene	<b>110</b>	<b>62</b>	<b>190</b>	<b>180</b>	<b>340 D</b>
Vinyl Acetate	<5	<5	<5	<5	<10
Vinyl Chloride	<2	<2	<2	<2	<b>1.2 J</b>
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<10
<b>TVOCs</b>	<b>132.65</b>	<b>68.4</b>	<b>196.2</b>	<b>194</b>	<b>384</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-102 Sample ID: REP100406(250) Sample Date: 10/4/2006	VP-102 VP-102 (260-265) 10/4/2006	VP-102 VP-102 (290-295) 10/2/2006	VP-102 VP-102(300-305) 9/29/2006	VP-102 VP-102(310-315) 9/29/2006
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	<10	<10	<5	<5	<5
1,1,2,2-Tetrachloroethane	<10	<10	<5	<5	<5
1,1,2-Trichloroethane	<10	<10	<5	<5	<5
1,1-Dichloroethane	<b>5.8 J</b>	<b>8.7 J</b>	<b>9.3</b>	<b>17</b>	<b>12</b>
1,1-Dichloroethene	<b>1.8 J</b>	<b>3.3 J</b>	<b>3.7 J</b>	<b>4.9 J</b>	<b>1.4 J</b>
1,2-Dichloroethane	<10	<10	<5	<5	<5
1,2-Dichloropropane	<10	<10	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<10	<10	<0.7	<0.7	<0.7
Bromodichloromethane	<10	<10	<5	<5	<5
Bromoform	<10	<10	<5	<5	<5
Bromomethane	<10	<10	<5	<5	<5
Carbon disulfide	<10	<10	<5	<5	<5
Carbon tetrachloride	<10	<10	<5	<5	<5
Chlorobenzene	<10	<10	<5	<5	<5
Chlorodifluoromethane	<10	<10	<5	<b>0.38 J</b>	<5
Chloroethane	<10	<10	<5	<5	<5
Chloroform	<10	<10	<b>0.75 J</b>	<b>0.56 J</b>	<5
Chloromethane	<10	<10	<5	<5	<5
cis-1,2-Dichloroethylene	<b>31</b>	<b>47</b>	<b>71</b>	<b>79</b>	<b>18</b>
cis-1,3-Dichloropropene	<10	<10	<5	<5	<5
Dibromochloromethane	<10	<10	<5	<5	<5
Dichlorodifluoromethane	<10	<10	<5	<5	<5
Ethylbenzene	<10	<10	<5	<5	<5
Freon 113	<10	<10	<5	<5	<5
Methylene chloride	<10	<10	<5.7	<9.9	<9.3
Styrene	<10	<10	<5	<5	<5
Tetrachloroethene	<10	<10	<b>0.55 J</b>	<5	<5
Toluene	<b>2.8 J</b>	<b>8 J</b>	<b>5.9</b>	<5	<b>0.33 J</b>
trans-1,2-Dichloroethylene	<10	<10	<b>0.61 J</b>	<5	<5
trans-1,3-Dichloropropene	<10	<10	<5	<5	<5
Trichloroethene	<b>330 D</b>	<b>440 D</b>	<b>1100 D</b>	<b>460 D</b>	<b>100</b>
Vinyl Acetate	<10	<10	<5	<5	<5
Vinyl Chloride	<b>1.4 J</b>	<b>2.2 J</b>	<b>1.7 J</b>	<b>3.2</b>	<b>1.9 J</b>
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<10	<10	<5	<5	<5
<b>TVOCs</b>	<b>372.8</b>	<b>509.2</b>	<b>1193.51</b>	<b>565.04</b>	<b>133.63</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-102 Sample ID: VP-102(330-325) Sample Date: 9/28/2006	VP-102 REP092806(330) 9/28/2006	VP-102 VP-102(345-350) 9/28/2006	VP-102 VP-102(365-370) 9/27/2006	VP-102 VP-102 (370-375) 10/3/2006
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<10
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<10
1,1,2-Trichloroethane	<5	<5	<5	<5	<10
1,1-Dichloroethane	<b>2.4 J</b>	<b>2.7 J</b>	<b>2.7 J</b>	<5	<b>11</b>
1,1-Dichloroethene	<b>1.9 J</b>	<b>2 J</b>	<b>1.2 J</b>	<5	<b>5.6 J</b>
1,2-Dichloroethane	<5	<5	<5	<5	<10
1,2-Dichloropropane	<5	<5	<5	<5	<10
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<10
Bromodichloromethane	<5	<5	<5	<5	<10
Bromoform	<5	<5	<5	<5	<10
Bromomethane	<5	<5	<5	<5	<10
Carbon disulfide	<5	<5	<5	<5	<10
Carbon tetrachloride	<5	<5	<5	<5	<10
Chlorobenzene	<5	<5	<5	<5	<10
Chlorodifluoromethane	<5	<5	<b>0.82 J</b>	<5	<10
Chloroethane	<5	<5	<5	<5	<10
Chloroform	<5	<5	<5	<5	<10
Chloromethane	<5	<5	<5	<5	<10
cis-1,2-Dichloroethylene	<b>21</b>	<b>22</b>	<b>15</b>	<5	<b>78</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<10
Dibromochloromethane	<5	<5	<5	<5	<10
Dichlorodifluoromethane	<5	<5	<5	<5	<10
Ethylbenzene	<5	<5	<5	<5	<10
Freon 113	<5	<5	<5	<5	<10
Methylene chloride	<5	<5	<5	<5	<10
Styrene	<5	<5	<5	<5	<10
Tetrachloroethene	<5	<5	<5	<5	<10
Toluene	<b>0.61 J</b>	<b>0.72 J</b>	<5	<5	<b>5.4 J</b>
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<10
trans-1,3-Dichloropropene	<5	<5	<5	<5	<10
Trichloroethene	<b>310 D</b>	<b>300 D</b>	<b>200</b>	<b>1.7 J</b>	<b>1000 D</b>
Vinyl Acetate	<5	<5	<5	<5	<10
Vinyl Chloride	<2	<2	<b>0.13 J</b>	<2	<b>3.3 J</b>
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<10
<b>TVOCs</b>	<b>335.91</b>	<b>327.42</b>	<b>219.85</b>	<b>1.7</b>	<b>1103.3</b>



# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-102 Sample ID: VP-102 (380-385) Sample Date: 10/3/2006	VP-103 VP-103 (60') 10/10/2006	VP-103 VP-103 (80') 10/10/2006	VP-103 VP-103 (100') 10/10/2006	VP-103 VP-103 (120') 10/10/2006
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	<10	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<10	<5	<5	<5	<5
1,1,2-Trichloroethane	<10	<5	<5	<5	<5
1,1-Dichloroethane	<10	<5	<5	<5	<5
1,1-Dichloroethene	<b>1.5 J</b>	<5	<5	<5	<5
1,2-Dichloroethane	<10	<5	<5	<5	<5
1,2-Dichloropropane	<10	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<10	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<10	<5	<5	<5	<5
Bromoform	<10	<5	<5	<5	<5
Bromomethane	<10	<5	<5	<5	<5
Carbon disulfide	<10	<5	<5	<5	<5
Carbon tetrachloride	<10	<5	<5	<5	<5
Chlorobenzene	<10	<5	<5	<5	<5
Chlorodifluoromethane	<10	<5	<5	<5	<5
Chloroethane	<10	<5	<5	<5	<5
Chloroform	<b>0.44 J</b>	<5	<5	<5	<b>0.43 J</b>
Chloromethane	<10	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>23</b>	<5	<5	<5	<5
cis-1,3-Dichloropropene	<10	<5	<5	<5	<5
Dibromochloromethane	<10	<5	<5	<5	<5
Dichlorodifluoromethane	<10	<5	<5	<5	<5
Ethylbenzene	<10	<5	<5	<5	<5
Freon 113	<b>2.4 J</b>	<5	<5	<5	<5
Methylene chloride	<10	<5	<5	<5	<5
Styrene	<10	<5	<5	<5	<5
Tetrachloroethene	<b>1.7 J</b>	<5	<5	<5	<5
Toluene	<b>4.6 J</b>	<5	<5	<5	<5
trans-1,2-Dichloroethylene	<10	<5	<5	<5	<5
trans-1,3-Dichloropropene	<10	<5	<5	<5	<5
Trichloroethene	<b>1100 D</b>	<5	<5	<5	<5
Vinyl Acetate	<10	<5	<5	<5	<5
Vinyl Chloride	<b>0.34 J</b>	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<10	<5	<5	<5	<5
<b>TVOCs</b>	<b>1133.98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.43</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-103 VP-103 (140) 10/11/2006	VP-103 VP-103 (165) 10/11/2006	VP-103 VP-103 (180) 10/11/2006	VP-103 VP-103(200) 10/12/2006	VP-103 VP-103(220) 10/12/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-103 VP-103(240) 10/12/2006	VP-103 VP-103(260) 10/12/2006	VP-103 VP-103(285) 10/13/2006	VP-103 VP-103 (320) 10/16/2006	VP-103 VP-103 (345) 10/16/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	10	<5	16	2.9 J
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	19	<5	17	10
1,1-Dichloroethene		<5	9.3	<5	30	2.8 J
1,2-Dichloroethane		<5	<5	<5	4.3 J	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	2J	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	1.4 J	<5	4 J	1.7 J
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		55	110	13	270	190 J
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	0.65 J
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	0.37 J	<5	1.1 J	1.2 J
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		43	280 D	25	1900 D	450 DJ
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>98</b>	<b>430.07</b>	<b>38</b>	<b>2244.4</b>	<b>659.25</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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	Site ID:	VP-103	VP-103	VP-103	VP-103	VP-103
CONSTITUENT	Sample ID:	REP101606	VP-103 (360)	VP-103 (380)	VP-103 (400)	VP-103(420)
	Sample Date:	10/16/2006	10/17/2006	10/17/2006	10/17/2006	10/18/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<b>2.4 J</b>	<b>4.1 J</b>	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<b>8.6</b>	<5	<5	<5	<5
1,1-Dichloroethene		<b>3.7 J</b>	<b>5.3</b>	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<b>1.1 J</b>	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>150 J</b>	<b>14</b>	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<b>0.19 J</b>	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>320 DJ</b>	<b>380 D</b>	<b>3.4 J</b>	<b>0.51 J</b>	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>485.99</b>	<b>403.4</b>	<b>3.4</b>	<b>0.51</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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	Site ID:	VP-103	VP-103	VP-103	VP-103	VP-103
	Sample ID:	VP-103(440)	VP-103(460)	VP-103(480)	VP-103 (500)	VP-103 (525)
CONSTITUENT	Sample Date:	10/18/2006	10/18/2006	10/18/2006	10/19/2006	10/19/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-103 VP-103 (545) 10/20/2006	VP-103 VP-103 (560) 10/20/2006	VP-103 VP-103 (580 ) 10/23/2006	VP-103 VP-103 (600 ) 10/23/2006	VP-103 VP-103 (620 ) 10/23/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-103 VP-103(640) 10/24/2006	VP-103 REP102406(640) 10/24/2006	VP-103 VP-103(660) 10/24/2006	VP-104 VP-104 (60) 7/28/2006	VP-104 VP-104 (80) 7/28/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<16	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	1 J
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104 (100) 7/31/2006	VP-104 VP-104 (120) 7/31/2006	VP-104 VP-104 (140) 7/31/2006	VP-104 REP073106 7/31/2006	VP-104 VP-104 (160) 7/31/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>2 J</b>	<b>150</b>	<b>8</b>	<b>10</b>	<b>19</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>2</b>	<b>150</b>	<b>8</b>	<b>10</b>	<b>19</b>



# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(180) 8/1/2006	VP-104 VP-104(200) 8/1/2006	VP-104 VP-104(220) 8/1/2006	VP-104 VP-104(240) 8/1/2006	VP-104 VP-104(260) 8/2/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	1 J	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		2 J	3 J	5 J	7	7
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>2</b>	<b>3</b>	<b>6</b>	<b>7</b>	<b>7</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(280) 8/2/2006	VP-104 VP-104(300) 8/2/2006	VP-104 VP-104(320) 8/3/2006	VP-104 VP-104(340) 8/3/2006	VP-104 VP-104(360) 8/3/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	7	<5	<5
1,1-Dichloroethene		<5	<5	3 J	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	0.8 J	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		7	2 J	0.9 J	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>7</b>	<b>2.8</b>	<b>10.9</b>	<b>0</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(380) 8/7/2006	VP-104 VP-104(400) 8/7/2006	VP-104 VP-104(420) 8/7/2006	VP-104 REP080706(420) 8/7/2006	VP-104 VP-104(460) 8/8/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<b>3 J</b>	<b>3 J</b>	<b>3 J</b>	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<b>10</b>	<b>11</b>	<b>11</b>	<5
1,1-Dichloroethene		<5	<b>3 J</b>	<b>4 J</b>	<b>4 J</b>	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<11	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<b>0.7 J</b>	<b>0.7 J</b>	<b>0.6 J</b>	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<b>2 J</b>	<b>2 J</b>	<b>2 J</b>	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<b>3 J</b>	<b>3 J</b>	<b>3 J</b>	<b>0.3 J</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>0</b>	<b>21.7</b>	<b>23.7</b>	<b>23.6</b>	<b>0.3</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(480) 8/8/2006	VP-104 VP-104(500) 8/8/2006	VP-104 VP-104(520) 8/14/2006	VP-104 VP-104(540) 8/14/2006	VP-104 VP-104(560) 8/14/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<b>6</b>	<b>1 J</b>	<5	<25	<25
1,1,1,2-Tetrachloroethane		<5	<5	<5	<25	<25
1,1,2-Trichloroethane		<5	<5	<b>3 J</b>	<25	<b>5 J</b>
1,1-Dichloroethane		<b>15</b>	<b>2 J</b>	<b>3 J</b>	<25	<25
1,1-Dichloroethene		<b>9</b>	<b>2 J</b>	<b>2 J</b>	<b>4 J</b>	<b>7 J</b>
1,2-Dichloroethane		<5	<5	<b>16</b>	<25	<b>12 J</b>
1,2-Dichloropropane		<5	<5	<5	<200	<250
2-Butanone		<10	<10	<10	<50	<50
2-Hexanone		<10	<10	<10	<50	<50
4-Methyl-2-pentanone		<10	<10	<10	<50	<50
Acetone		<10	<10	<b>5 J</b>	<50	<50
Benzene		<0.7	<0.7	<0.7	<4	<4
Bromodichloromethane		<5	<5	<5	<25	<25
Bromoform		<5	<5	<5	<25	<25
Bromomethane		<5	<5	<5	<25	<25
Carbon disulfide		<5	<5	<5	<25	<25
Carbon tetrachloride		<5	<5	<5	<25	<25
Chlorobenzene		<5	<5	<5	<25	<25
Chlorodifluoromethane		<5	<5	<5	<25	<25
Chloroethane		<5	<5	<5	<25	<25
Chloroform		<b>2 J</b>	<b>6</b>	<18	<25	<25
Chloromethane		<5	<5	<5	<25	<25
cis-1,2-Dichloroethylene		<b>20</b>	<b>84</b>	<b>380 D</b>	<b>470</b>	<b>290</b>
cis-1,3-Dichloropropene		<5	<5	<5	<25	<25
Dibromochloromethane		<5	<5	<5	<25	<25
Dichlorodifluoromethane		<5	<5	<5	<25	<25
Ethylbenzene		<5	<5	<5	<25	<25
Freon 113		<5	<5	<b>0.5 J</b>	<25	<25
Methylene chloride		<5	<5	<5	<25	<25
Styrene		<5	<5	<5	<25	<25
Tetrachloroethene		<b>19</b>	<b>4 J</b>	<b>12</b>	<b>3 J</b>	<b>7 J</b>
Toluene		<5	<5	<5	<25	<25
trans-1,2-Dichloroethylene		<5	<5	<b>6</b>	<b>4 J</b>	<b>5 J</b>
trans-1,3-Dichloropropene		<5	<5	<5	<25	<25
Trichloroethene		<b>72</b>	<b>190 D</b>	<b>1400 D</b>	<b>3200 D</b>	<b>6300 D</b>
Vinyl Acetate		<5	<5	<5	<25	<25
Vinyl Chloride		<2	<2	<2	<10	<10
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<25	<25
<b>TVOCs</b>		<b>143</b>	<b>289</b>	<b>1827.5</b>	<b>3681</b>	<b>6626</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(580') 8/15/2006	VP-104 VP-104(600') 8/15/2006	VP-104 VP-104(620') 8/15/2006	VP-104 VP-104(640') 8/16/2006	VP-104 VP-104(660') 8/16/2006
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<b>4 J</b>	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>6</b>	<b>1 J</b>	<b>1 J</b>	<5	<b>0.9 J</b>
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>110</b>	<b>17</b>	<b>14</b>	<b>8</b>	<b>11</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>116</b>	<b>18</b>	<b>19</b>	<b>8</b>	<b>11.9</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(680') 8/16/2006	VP-104 VP-104(707') 8/21/2006	VP-104 VP-104(720') 8/22/2006	VP-104 VP-104(740') 8/22/2006	VP-104 VP-104(760') 8/23/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<b>6 J</b>	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>4 J</b>	<b>0.5 J</b>	<b>1 J</b>	<b>1 J</b>	<b>1 J</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>4</b>	<b>6.5</b>	<b>1</b>	<b>1</b>	<b>1</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(780') 8/23/2006	VP-104 VP-104(800') 8/23/2006	VP-104 VP-104(820) 8/24/2006	VP-104 VP-104(840) 8/24/2006	VP-104 VP-104(860) 8/25/2006
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		5 J	<10	<10	<10	5 J
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		0.9 J	1 J	0.3 J	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>5.9</b>	<b>1</b>	<b>0.3</b>	<b>0</b>	<b>5</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-104 VP-104(880) 8/25/2006	VP-105 VP-105(50-45) 8/2/2006	VP-105 VP-105(60-55) 8/2/2006	VP-105 VP-105(70-65) 8/2/2006	VP-105 VP-105(80-75) 8/2/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	7
1,1-Dichloroethene		<5	<5	<5	<5	2 J
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		6 J	<13	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	39	74	22	180 D
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	0.8 J
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	4 J	7	3 J	51
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	0.8 JM	3	0.8 JM	7
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>6</b>	<b>43.8</b>	<b>84</b>	<b>25.8</b>	<b>247.8</b>



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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-105 VP-105(90-85) 8/1/2006	VP-105 VP-105(100-95) 8/1/2006	VP-105 VP-105(107-102) 8/1/2006	VP-105 VP-105 (120-115) 7/31/2006	VP-105 VP-105 (130-125) 7/31/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<b>3 J</b>	<b>2 JM</b>	<b>5 J</b>	<5	<5
1,1-Dichloroethene		<b>2 J</b>	<5	<b>5 J</b>	<b>0.7 J</b>	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<b>0.5 JM</b>	<b>0.6 JM</b>	<b>2 J</b>	<5	<b>0.9 J</b>
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<b>2 J</b>
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>280 D</b>	<b>270 D</b>	<b>1500 D</b>	<b>310 D</b>	<b>30</b>
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<b>0.5 JM</b>	<b>0.5 JM</b>	<b>10 J</b>	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>28</b>	<b>12</b>	<b>78 J</b>	<b>14</b>	<b>12</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<b>14</b>	<b>12</b>	<b>55 J</b>	<b>11</b>	<b>0.8 J</b>
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>328</b>	<b>297.1</b>	<b>1655</b>	<b>335.7</b>	<b>45.7</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-105 VP-105 (140-135) 7/31/2006	VP-105 VP-105 (150-145) 7/28/2006	VP-105 VP-105 (160-155) 7/28/2006	VP-105 VP-105 (170-165) 7/28/2006	VP-106 VP-106(49-54) 6/30/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<b>6 J</b>
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<b>2 J</b>	<b>4 J</b>	<b>3 J</b>	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<b>2 J</b>	<5	<b>1 J</b>	<b>2 J</b>	<b>0.5 J</b>
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>11</b>	<b>220 D</b>	<b>34</b>	<b>2 J</b>	<b>30</b>
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<b>3 J</b>	<b>1 J</b>	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>8</b>	<b>14</b>	<b>13</b>	<b>6</b>	<b>6</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>23</b>	<b>241</b>	<b>52</b>	<b>10</b>	<b>42.5</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID:	VP-106	VP-106	VP-106	VP-106	VP-106
	Sample ID:	VP-106(55-60)	VP-106(65-70)	VP-106(75-80)	VP-106(85-90)	VP-106 (95-100)
	Sample Date:	6/30/2006	6/30/2006	6/30/2006	6/30/2006	6/29/2006
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<b>1 J</b>	<b>5 J</b>	<b>8</b>	<b>3 J</b>	<5
1,1-Dichloroethene		<b>0.8 J</b>	<b>3 J</b>	<b>7</b>	<b>0.6 J</b>	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<b>6 J</b>	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<b>0.8 J</b>	<b>1 J</b>	<b>0.6 J</b>	<b>3 J</b>	<b>5 J</b>
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>140</b>	<b>610 D</b>	<b>1100 D</b>	<b>140</b>	<b>4 J</b>
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<b>0.4 J</b>	<b>0.5 J</b>	<5	<5
Toluene		<b>0.4 J</b>	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<b>0.3 JM</b>	<b>2 J</b>	<b>2 J</b>	<b>0.5 J</b>	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>25</b>	<b>85</b>	<b>130</b>	<b>41</b>	<b>4 J</b>
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<b>2 J</b>	<b>2 J</b>	<b>31</b>	<b>2 J</b>	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>176.3</b>	<b>708.4</b>	<b>1279.1</b>	<b>190.1</b>	<b>13</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-106 VP-106 (105-110) 6/29/2006	VP-106 VP-106 (115-120) 6/29/2006	VP-107 VP-107 (50-45) 7/25/2006	VP-107 VP-107 (60-55) 7/25/2006	VP-107 VP-107 (70-65) 7/25/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,1,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		10	11	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		10	3 J	<5	5	5 J
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		9	7	3 J	13	14
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>29</b>	<b>21</b>	<b>3</b>	<b>18</b>	<b>19</b>

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-107 VP-107 (80-75) 7/25/2006	VP-107 VP-107 (90-85) 7/25/2006	VP-107 VP-107 (100-95) 7/21/2006	VP-107 VP-107 (110-105) 7/21/2006	VP-107 VP-107 (124-119) 7/21/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<b>8 J</b>	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<b>8 J</b>	<b>6 J</b>	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<b>16</b>	<b>40</b>	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<b>26</b>	<b>91</b>	<5	<b>0.6 J</b>	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>50</b>	<b>131</b>	<b>8</b>	<b>6.6</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: VP-107 Sample ID: VP-107 (140-135) Sample Date: 7/20/2006	VP-107 VP-107 (153-148) 7/20/2006	VP-107 VP-107 (170-165) 7/20/2006	VP-108 VP-108(50-45) 7/14/2006	VP-108 VP-108(60-55) 7/14/2006
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<b>5 J</b>	<10	<b>8 J</b>	<b>7 J</b>
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<b>0.3 JM</b>	<b>0.3 JM</b>	<b>1 JM</b>	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<5	<5	<5	<b>8</b>	<b>17</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<b>4 J</b>	<5	<5
Toluene	<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>2 J</b>	<b>2 J</b>	<b>7</b>	<b>6</b>	<b>12</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>2.3</b>	<b>7.3</b>	<b>12</b>	<b>22</b>	<b>36</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-108 VP-108(70-65) 7/14/2006	VP-108 VP-108(80-75) 7/14/2006	VP-108 VP-108(90-85) 7/14/2006	VP-108 VP-108(100-95) 7/14/2006	VP-108 VP-108(110-105) 7/13/2006
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	1 J
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	8	10
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		9	2 J	16	150	58
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	3 J
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		8	2 J	16	110	62
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>TVOCs</b>		<b>17</b>	<b>4</b>	<b>32</b>	<b>268</b>	<b>134</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: VP-108 Sample ID: VP-108(120-115) Sample Date: 7/13/2006	VP-108 VP-108(130-125) 7/13/2006	VP-108 REP071406(130) 7/14/2006	VP-108 VP-108(140-135) 7/13/2006	VP-108 VP-108(150-145) 7/13/2006
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<b>3 J</b>	<5	<5	<5
1,1-Dichloroethene	<5	<b>1 J</b>	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<b>2 J</b>	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<b>12</b>	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>130</b>	<b>180 D</b>	<b>16</b>	<b>26</b>	<b>18</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<b>13</b>	<b>6</b>	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<b>0.8 J</b>	<5	<5	<5
Toluene	<5	<5	<5	<5	<5
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>110</b>	<b>370 D</b>	<b>12</b>	<b>60</b>	<b>77</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	-	-	-	-	-
Xylene-M,P	-	-	-	-	-
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>265</b>	<b>562.8</b>	<b>28</b>	<b>86</b>	<b>95</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: VP-108 Sample ID: VP-108 (160-155) Sample Date: 7/12/2006	VP-108 VP-108 (170-165) 7/12/2006	VP-109 VP-109 (44-49) 2/5/2007	VP-109 VP-109 (55-60) 2/5/2007	VP-109 VP-109 (65-70) 2/5/2007
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<b>0.57J</b>	<b>0.32J</b>
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10JB	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<b>3.4JB</b>
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<b>0.3 J</b>	<b>0.5 J</b>	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<5	<b>3 J</b>	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<b>25</b>	<b>49</b>	<b>18</b>	<b>38</b>	<b>22</b>
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<10	<10	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	<5	<5	<5
Toluene	<b>0.7 J</b>	<5	<b>1.1J</b>	<b>7.7</b>	<b>0.51J</b>
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	<b>39</b>	<b>80</b>	<b>18</b>	<b>44</b>	<b>22</b>
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>TVOCs</b>	<b>65</b>	<b>132.5</b>	<b>46.5</b>	<b>91.06</b>	<b>49.23</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-109 VP-109 (75-80) 2/5/2007	VP-109 VP-109 (85-90) 2/2/2007	VP-109 VP-109 (95-100) 2/2/2007	VP-109 VP-109 (105-110) 2/2/2007	VP-109 VP-109 (115-120) 2/1/2007
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		<5	<5	<25	<b>0.41J</b>	<b>0.42J</b>
1,1,2,2-Tetrachloroethane		<5	<5	<25	<5	<5
1,1,2-Trichloroethane		<5	<5	<25	<5	<5
1,1-Dichloroethane		<b>0.24J</b>	<b>1.7J</b>	<b>4.9J</b>	<b>6.3</b>	<b>6.3</b>
1,1-Dichloroethene		<5	<b>0.91J</b>	<25	<b>2.7J</b>	<b>2.7J</b>
1,2-Dichloroethane		<5	<5	<25	<b>0.63J</b>	<5
1,2-Dichloropropane		<5	<5	<25	<5	<5
2-Butanone		<10	<10	<50	<10	<10
2-Hexanone		<10	<10	<50	<10	<10
4-Methyl-2-pentanone		<10	<10	<50	<10	<10
Acetone		<10	<10	<50	<10JB	<10JB
Benzene		<0.7	<0.7	<3.5	<0.7	<0.7
Bromodichloromethane		<5	<5	<25	<5	<5
Bromoform		<5	<5	<25	<5	<5
Bromomethane		<5	<5	<25	<5	<5
Carbon disulfide		<5	<5	<25	<5	<5
Carbon tetrachloride		<5	<5	<25	<5	<5
Chlorobenzene		<5	<5	<25	<5	<5
Chlorodifluoromethane		<5	<b>0.23J</b>	<25	<5	<5
Chloroethane		<5	<5	<25	<5	<5
Chloroform		<5	<b>1.4J</b>	<25	<b>1.9J</b>	<b>1.8J</b>
Chloromethane		<5	<5	<25	<5	<5
cis-1,2-Dichloroethylene		<b>29</b>	<b>240D</b>	<b>420D</b>	<b>510D</b>	<b>480D</b>
cis-1,3-Dichloropropene		<5	<5	<25	<5	<5
Dibromochloromethane		<5	<5	<25	<5	<5
Dichlorodifluoromethane		<5	<5	<25	<5	<5
Ethylbenzene		<5	<5	<25	<5	<5
Freon 113		<5	<5	<25	<5	<5
Methylene chloride		<5	<5	<b>2.3J</b>	<5	<5
Styrene		<5	<5	<25	<5	<5
Tetrachloroethene		<5	<b>0.76J</b>	<25	<b>2.4J</b>	<b>2.3J</b>
Toluene		<b>0.8J</b>	<b>0.79J</b>	<25	<b>2.8J</b>	<b>3J</b>
trans-1,2-Dichloroethylene		<5	<b>0.62J</b>	<25	<b>1.8J</b>	<b>1.7J</b>
trans-1,3-Dichloropropene		<5	<5	<25	<5	<5
Trichloroethene		<b>27</b>	<b>120</b>	<b>200</b>	<b>220D</b>	<b>300D</b>
Vinyl Acetate		<5	<5	<25	<5	<5
Vinyl Chloride		<2	<b>0.22J</b>	<10	<b>1.9J</b>	<b>2.4</b>
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<25	<5	<5
<b>TVOCs</b>		<b>58.14</b>	<b>367.73</b>	<b>627.63</b>	<b>751.68</b>	<b>801.02</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-109 Sample ID: VP-109 (125-130) Sample Date: 2/1/2007	VP-109 VP-109 (135-140) 1/31/2007	VP-109 VP-109 (145-150) 1/31/2007	VP-109 VP-109 (155-160) 1/31/2007	VP-109 VP-109 (165-170) 1/30/2007
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	0.73J	1.1J	1.1J	<5	<50
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<50
1,1,2-Trichloroethane	<5	<5	<5	<5	<50
1,1-Dichloroethane	8.6	12	12	6.4	11J
1,1-Dichloroethene	3.9J	5.9	6.4	3.5J	4.5J
1,2-Dichloroethane	<5	3J	2.9J	2.1J	<50
1,2-Dichloropropane	<5	0.56J	0.78J	<5	<50
2-Butanone	<10	<10	<10	<10	<100
2-Hexanone	<10	<10	<10	<10	<100
4-Methyl-2-pentanone	<10	<10	<10	<10	<100
Acetone	<10JB	<10JB	<10JB	<10JB	<100JB
Benzene	<0.7	0.24J	0.32J	<0.7	<7
Bromodichloromethane	<5	<5	<5	<5	<50
Bromoform	<5	<5	<5	<5	<50
Bromomethane	<5	<5	<5	<5	<50
Carbon disulfide	<5	<5	<5	<5	<50
Carbon tetrachloride	<5	<5	<5	<5	<50
Chlorobenzene	<5	<5	<5	<5	<50
Chlorodifluoromethane	<5	0.21J	0.28J	<5	<50
Chloroethane	<5	<5	<5	<5	<50
Chloroform	2.6J	3J	2.7J	1.7J	4.4J
Chloromethane	<5	0.62J	0.8J	<5	<50
cis-1,2-Dichloroethylene	380D	690D	670D	410DD	1200D
cis-1,3-Dichloropropene	<5	<5	<5	<5	<50
Dibromochloromethane	<5	<5	<5	<5	<50
Dichlorodifluoromethane	<5	<5	<5	<5	<50
Ethylbenzene	<5	<5	<5	<5	<50
Freon 113	<5	<5	<5	<5	<50
Methylene chloride	<5JB	<5JB	<5JB	<5JB	<50JB
Styrene	<5	<5	<5	<5	<50
Tetrachloroethene	3.5J	4.5J	4.5J	3.9J	<50
Toluene	3J	7.1	5.5	3.1J	1.3J
trans-1,2-Dichloroethylene	2.6J	2.1J	2.1J	1.2J	<50
trans-1,3-Dichloropropene	<5	<5	<5	<5	<50
Trichloroethene	150D	680D	710D	540D	1200D
Vinyl Acetate	<5	<5	<5	<5	<50
Vinyl Chloride	5	8.3	9.1	5.3	5J
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<50
<b>TVOCs</b>	<b>559.93</b>	<b>1419.31</b>	<b>1428.84</b>	<b>977.7</b>	<b>2426.97</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-109 Sample ID: VP-109 (175-180) Sample Date: 1/30/2007	VP-109 VP-109 (185-190) 1/30/2007	VP-109 VP-109 (195-200) 1/29/2007	VP-109 VP-109 (205-210) 1/29/2007	VP-109 VP-109 (215-220) 1/26/2007
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<50	<100	0.76J	2J	<100
1,1,2,2-Tetrachloroethane	<50	<100	<5	<5	<100
1,1,2-Trichloroethane	<50	<100	0.39J	0.79J	<100
1,1-Dichloroethane	15J	21J	25	33	38J
1,1-Dichloroethene	3J	<100	5.7	14	15J
1,2-Dichloroethane	<50	<100	1.9J	3.8J	14J
1,2-Dichloropropane	<50	<100	0.48J	1.5J	<100
2-Butanone	<100	<200	<10	<10	<200
2-Hexanone	<100	<200	<10	<10	<200
4-Methyl-2-pentanone	1.8J	5.6J	<10	<10	<200
Acetone	<100JB	<200JB	<10JB	<10JB	<200JB
Benzene	<7	<14	<0.7	0.51J	<14
Bromodichloromethane	<50	<100	<5	<5	<100
Bromoform	<50	<100	<5	<5	<100
Bromomethane	<50	<100	<5	<5	<100
Carbon disulfide	<50	<100	<5	<5	<100
Carbon tetrachloride	<50	<100	<5	<5	<100
Chlorobenzene	<50	<100	<5	<5	<100
Chlorodifluoromethane	<50	<100	0.96J	0.53J	<100
Chloroethane	<50	<100	<5	<5	<100
Chloroform	5.5J	2.9J	6	4.1J	<100
Chloromethane	<50	<100	<5	<5	<100
cis-1,2-Dichloroethylene	1500D	2000D	2000D	3400D	2700D
cis-1,3-Dichloropropene	<50	<100	<5	<5	<100
Dibromochloromethane	<50	<100	3.5J	<5	<100
Dichlorodifluoromethane	<50	<100	<5	<5	<100
Ethylbenzene	<50	<100	<5	<5	<100
Freon 113	<50	<100	<5	1.1J	<100
Methylene chloride	<50JB	<100JB	<5JB	<5JB	<100JB
Styrene	<50	<100	<5	<5	<100
Tetrachloroethene	2.5J	<100	6.4	8.7	3.2J
Toluene	<50	<100	0.7J	1.3J	<100J
trans-1,2-Dichloroethylene	3.9J	<100	7	13	12J
trans-1,3-Dichloropropene	<50	<100	<5	<5	<100
Trichloroethene	1500D	1700D	1500D	1800D	2400D
Vinyl Acetate	<50	<100	<5	<5	<100
Vinyl Chloride	<20	11J	6.2	47	44
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<50	<100	<5	<5	<100
<b>TVOCs</b>	<b>3032.21</b>	<b>3741.12</b>	<b>3565.84</b>	<b>5331.71</b>	<b>5226.2</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-109 Sample ID: VP-109 (225-230) Sample Date: 1/25/2007	VP-109 VP-109 (235-240) 1/25/2007	VP-109 REP012506 1/25/2007	VP-109 VP-109 (247-252) 1/24/2007	VP-109 VP-109 (255-260) 1/24/2007
<b><u>Volatile Organic Compounds</u></b>					
1,1,1-Trichloroethane	<250	<250	<250	<b>3.9J</b>	<b>2.2J</b>
1,1,1,2-Tetrachloroethane	<250	<250	<250	<5	<5
1,1,2-Trichloroethane	<250	<250	<250	<b>0.7J</b>	<b>0.24J</b>
1,1-Dichloroethane	<b>48J</b>	<b>64J</b>	<b>51J</b>	<b>13</b>	<b>6.9</b>
1,1-Dichloroethene	<b>26J</b>	<b>27J</b>	<b>20J</b>	<b>8.5</b>	<b>4.8J</b>
1,2-Dichloroethane	<b>14J</b>	<b>25J</b>	<b>17J</b>	<b>3.1J</b>	<b>1.3J</b>
1,2-Dichloropropane	<250	<250	<250	<5	<5
2-Butanone	<500	<500	<500	<10	<10
2-Hexanone	<500	<500	<500	<10	<10
4-Methyl-2-pentanone	<500	<b>7.8J</b>	<500	<10	<10
Acetone	<500JB	<500JB	<500	<10JB	<10JB
Benzene	<35	<35	<35	<0.7	<0.7
Bromodichloromethane	<250	<250	<250	<5	<5
Bromoform	<250	<250	<250	<5	<5
Bromomethane	<250	<250	<250	<5	<5
Carbon disulfide	<250	<250	<250	<5	<5
Carbon tetrachloride	<250	<250	<250	<5	<5
Chlorobenzene	<250	<250	<250	<5	<5
Chlorodifluoromethane	<250	<250	<250	<b>0.27J</b>	<b>0.23J</b>
Chloroethane	<250	<250	<250	<5	<5
Chloroform	<250	<250	<250	<b>3.2J</b>	<b>2.1J</b>
Chloromethane	<250	<250	<250	<5	<5
cis-1,2-Dichloroethylene	<b>2800D</b>	<b>3200D</b>	<b>3000D</b>	<b>560D</b>	<b>280D</b>
cis-1,3-Dichloropropene	<250	<250	<250	<5	<5
Dibromochloromethane	<250	<250	<250	<5	<5
Dichlorodifluoromethane	<250	<250	<250	<5	<5
Ethylbenzene	<250	<250	<250	<5	<5
Freon 113	<250	<250	<250	<5	<5
Methylene chloride	<250JB	<250JB	<250JB	<5JB	<5JB
Styrene	<250	<250	<250	<5	<5
Tetrachloroethene	<250	<250	<250	<b>11</b>	<b>8.9</b>
Toluene	<250	<250	<250	<b>1.3J</b>	<b>0.45J</b>
trans-1,2-Dichloroethylene	<b>21J</b>	<b>22J</b>	<250	<b>1.9J</b>	<b>1.1J</b>
trans-1,3-Dichloropropene	<250	<250	<250	<5	<5
Trichloroethene	<b>3900D</b>	<b>5800DJ</b>	<b>4200DJ</b>	<b>2400D</b>	<b>1300D</b>
Vinyl Acetate	<250	<250	<250	<5	<5
Vinyl Chloride	<b>38J</b>	<b>27J</b>	<b>39J</b>	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<250	<250	<250	<5	<5
<b>TVOCs</b>	<b>6847</b>	<b>9172.8</b>	<b>7327</b>	<b>3007.44</b>	<b>1608.95</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings, Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: VP-109 Sample ID: VP-109 (265-270) Sample Date: 1/23/2007	VP-109 VP-109 (275-280) 1/23/2007	VP-109 VP-109 (288-293) 1/22/2007
<b>Volatile Organic Compounds</b>			
1,1,1-Trichloroethane	<250	<100	<250
1,1,1,2-Tetrachloroethane	<250	<100	<250
1,1,2-Trichloroethane	<250	<100	<250
1,1-Dichloroethane	<b>35J</b>	<b>26J</b>	<b>31J</b>
1,1-Dichloroethene	<b>19J</b>	<b>13J</b>	<b>19J</b>
1,2-Dichloroethane	<250	<100	<250
1,2-Dichloropropane	<250	<100	<250
2-Butanone	<500	<200	<500
2-Hexanone	<500	<200	<500
4-Methyl-2-pentanone	<500	<200	<500
Acetone	<500JB	<200JB	<500
Benzene	<35	<14	<35
Bromodichloromethane	<250	<100	<250
Bromoform	<250	<100	<250
Bromomethane	<250	<100	<250
Carbon disulfide	<250	<100	<250
Carbon tetrachloride	<250	<100	<250
Chlorobenzene	<250	<100	<250
Chlorodifluoromethane	<250	<100	<250
Chloroethane	<250	<100	<250
Chloroform	<250	<100	<250
Chloromethane	<250	<100	<250
cis-1,2-Dichloroethylene	<b>2500D</b>	<b>1500D</b>	<b>2200D</b>
cis-1,3-Dichloropropene	<250	<100	<250
Dibromochloromethane	<250	<100	<250
Dichlorodifluoromethane	<250	<100	<250
Ethylbenzene	<250	<100	<250
Freon 113	<250JB	<100JB	<250JB
Methylene chloride	<250	<100	<250
Styrene	<250	<b>2.4J</b>	<250
Tetrachloroethene	<250	<b>2.1J</b>	<250
Toluene	<250	<100	<250
trans-1,2-Dichloroethylene	<250	<100	<250
trans-1,3-Dichloropropene	<250	<100	<250
Trichloroethene	<b>5200D</b>	<b>3900D</b>	<b>5500D</b>
Vinyl Acetate	<250	<100	<250
Vinyl Chloride	<100	<40	<b>8.2J</b>
Xylene-O	--	--	--
Xylene-M,P	--	--	--
Xylene (total)	<250	<100	<250
<b>TVOCs</b>	<b>7754</b>	<b>5443.5</b>	<b>7758.2</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-110 VP-110 (40-45) 2/22/2007	VP-110 VP-110 (50-55) 2/22/2007	VP-110 REP0022207 2/22/2007	VP-110 VP-110 (60-65) 2/21/2007	VP-110 VP-110 (70-75) 2/21/2007
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10JB	<10JB	<10JB	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5JB	<5JB	<5JB	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	0.22J	<5	<5	<5
Toluene		9.6	21	18	2.5J	<5
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	0.24J	0.2J	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>Sum of Constituents</b>		<b>9.6</b>	<b>21.46</b>	<b>18.2</b>	<b>2.5</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-110 VP-110 (80-85) 2/21/2007	VP-110 VP-110 (90-95) 2/21/2007	VP-110 VP-110 (100-105) 2/21/2007	VP-110 VP-110 (110-115) 2/20/2007	VP-110 VP-110 (120-125) 2/20/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	0.78J
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	0.24J
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10JB	<10JB
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5JB	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5JB	<5JB
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		0.56J	0.53J	0.98J	0.97J	0.49J
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>Sum of Constituents</b>		<b>0.56</b>	<b>0.53</b>	<b>0.98</b>	<b>1.66</b>	<b>2.46</b>



# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-110 Sample ID: VP-110 (140-145) Sample Date: 2/20/2007	VP-110 VP-110 (150-155) 2/20/2007	VP-110 VP-110 (160-165) 2/20/2007	VP-110 VP-110(170-175) 2/16/2007	VP-110 VP-110(180-185) 2/16/2007
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	0.2J	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10JB	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10JB	<10JB	<10JB	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5JB	<5	<5JB	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	0.19J	0.34J	0.34J	<5	<5
Chloromethane	<5J	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<5	<5	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	<5	<5
Methylene chloride	<5JB	<5JB	<5JB	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	0.31J	<5	<5
Toluene	2J	0.87J	0.98J	0.33J	0.77J
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	0.38J	<5	<5	<5	<5
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>Sum of Constituents</b>	<b>3.36</b>	<b>2.51</b>	<b>2.83</b>	<b>1.73</b>	<b>1.55</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-110 VP-110(190-195) 2/16/2007	VP-110 REP021607 2/16/2007	VP-110 VP-110(200-205) 2/13/2007	VP-110 VP-110(210-215) 2/13/2007	VP-110 VP-110(220-225) 2/13/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<b>0.52J</b>	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<b>0.65J</b>	<b>0.75J</b>	<b>1.2J</b>	<b>1.3J</b>	<b>1.3J</b>
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		--	--	--	--	--
Xylene-M,P		--	--	--	--	--
Xylene (total)		<5	<5	<5	<5	<5
<b>Sum of Constituents</b>		<b>1.36</b>	<b>1.68</b>	<b>2.63</b>	<b>2.3</b>	<b>2.3</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-110 VP-110 (230-235) 2/9/2007	VP-110 VP-110 (240-245) 2/9/2007	VP-110 VP-110 (250-255) 2/7/2007	VP-110 VP-110 (260-265) 2/7/2007	VP-110 VP-110 (270-275) 2/7/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane		<5	<5	<5	<5	<5
1,1,2-Trichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethane		<5	<5	<5	<5	<5
1,1-Dichloroethene		<5	<5	<5	<5	<5
1,2-Dichloroethane		<5	<5	<5	<5	<5
1,2-Dichloropropane		<5	<5	<5	<5	<5
2-Butanone		<10	<10	<10	<10	<10
2-Hexanone		<10	<10	<10	<10	<10
4-Methyl-2-pentanone		<10	<10	<10	<10	<10
Acetone		<10	<10	<10	<10	<10
Benzene		<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane		<5	<5	<5	<5	<5
Bromoform		<5	<5	<5	<5	<5
Bromomethane		<5	<5	<5	<5	<5
Carbon disulfide		<5	<5	<5	<5	<5
Carbon tetrachloride		<5	<5	<5	<5	<5
Chlorobenzene		<5	<5	<5	<5	<5
Chlorodifluoromethane		<5	<5	<5	<5	<5
Chloroethane		<5	<5	<5	<5	<5
Chloroform		<5	<5	<5	<5	<5
Chloromethane		<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene		<5	<5	<5	<5	<5
cis-1,3-Dichloropropene		<5	<5	<5	<5	<5
Dibromochloromethane		<5	<5	<5	<5	<5
Dichlorodifluoromethane		<5	<5	<5	<5	<5
Ethylbenzene		<5	<5	<5	<5	<5
Freon 113		<5	<5	<5	<5	<5
Methylene chloride		<5	<5	<5	<5	<5
Styrene		<5	<5	<5	<5	<5
Tetrachloroethene		<5	<5	<5	<5	<5
Toluene		<b>0.87J</b>	<b>1.5J</b>	<b>1.5J</b>	<b>0.54J</b>	<b>1.5J</b>
trans-1,2-Dichloroethylene		<5	<5	<5	<5	<5
trans-1,3-Dichloropropene		<5	<5	<5	<5	<5
Trichloroethene		<5	<5	<5	<5	<5
Vinyl Acetate		<5	<5	<5	<5	<5
Vinyl Chloride		<2	<2	<2	<2	<2
Xylene-O		-	-	-	-	-
Xylene-M,P		-	-	-	-	-
Xylene (total)		<5	<5	<5	<5	<5
<b>Sum of Constituents</b>		<b>2.47</b>	<b>3.4</b>	<b>4</b>	<b>2.74</b>	<b>3.2</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-110 Sample ID: VP-110(283-288) Sample Date: 2/6/2007	VP-110 VP-110(295-300) 2/6/2007	VP-110 VP-110(315-320) 2/6/2007	VP-110 REP020107 2/1/2007	VP-110 VP-110 (325-330) 2/5/2007
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	<5	<5	<5	0.96J	0.74J
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5	0.46J	0.36J
1,1-Dichloroethene	<5	<5	1.4J	2.6J	1.8J
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	1.9JB	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	<5	<5	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	<5	<5	<5	<5	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	<5	<5	<5	<5	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	<5	<5	<5	0.23J	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	<5	<5	<5	0.96J	0.7J
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	<5	<5	0.6J	1.9J	1.3J
Toluene	0.56J	1.2J	0.77J	0.73J	1J
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	0.39J	2.3J	6.8	13	8.5
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	-	-	-	-	-
Xylene-M,P	-	-	-	-	-
Xylene (total)	<5	<5	<5	<5	<5
<b>Sum of Constituents</b>	<b>2.35</b>	<b>4.47</b>	<b>13.07</b>	<b>22.64</b>	<b>15.7</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-110 Sample ID: VP-110 (333-338) Sample Date: 2/5/2007	VP-110 VP-110 (344-349) 2/1/2007	VP-110 VP-110 (352-357) 2/1/2007	VP-110 VP-110 (362-367) 1/31/2007	VP-110 VP-110 (372-377) 1/31/2007
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	7.1	4.8J	0.99J	2.8J	0.48J
1,1,2,2-Tetrachloroethane	<5	<5	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5	<5	<5
1,1-Dichloroethane	0.79J	1.1J	0.4J	1.3J	0.33J
1,1-Dichloroethene	22	16	3.3J	13	1.4J
1,2-Dichloroethane	<5	<5	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5	<5	<5
2-Butanone	<10	<10	<10	<10	<10
2-Hexanone	<10	<10	<10	<10	<10
4-Methyl-2-pentanone	<10	<10	<10	<10	<10
Acetone	<10	<10	<10	<10	<10
Benzene	<0.7	<0.7	<0.7	<0.7	<0.7
Bromodichloromethane	<5	<5	<5	<5	<5
Bromoform	<5	<5	<5	<5	<5
Bromomethane	<5	<5	<5	<5	<5
Carbon disulfide	<5	<5	<5	<5	<5
Carbon tetrachloride	0.96J	0.61J	<5	<5	<5
Chlorobenzene	<5	<5	<5	<5	<5
Chlorodifluoromethane	0.47J	<5	<5	0.4J	<5
Chloroethane	<5	<5	<5	<5	<5
Chloroform	0.49J	0.46J	0.24J	0.79J	<5
Chloromethane	<5	<5	<5	<5	<5
cis-1,2-Dichloroethylene	4.6J	5.4	0.35J	5.6	<5
cis-1,3-Dichloropropene	<5	<5	<5	<5	<5
Dibromochloromethane	<5	<5	<5	<5	<5
Dichlorodifluoromethane	<5	<5	<5	<5	<5
Ethylbenzene	<5	<5	<5	<5	<5
Freon 113	8.9	5.3	1.1J	3.8J	0.51J
Methylene chloride	<5	<5	<5	<5	<5
Styrene	<5	<5	<5	<5	<5
Tetrachloroethene	11	7.8	2.2J	10	1.4J
Toluene	1.3J	0.32J	0.71J	0.23J	0.45J
trans-1,2-Dichloroethylene	<5	<5	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5	<5	<5
Trichloroethene	43	47	14	51	6.8
Vinyl Acetate	<5	<5	<5	<5	<5
Vinyl Chloride	<2	<2	<2	<2	<2
Xylene-O	--	--	--	--	--
Xylene-M,P	--	--	--	--	--
Xylene (total)	<5	<5	<5	<5	<5
<b>Sum of Constituents</b>	<b>104.51</b>	<b>91.79</b>	<b>24.89</b>	<b>91.82</b>	<b>12.67</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: VP-110 Sample ID: VP-110 (382-387) Sample Date: 1/30/2007	VP-111 VP-111 (51-50) 4/17/2007	VP-111 VP-111 (71-70) 4/17/2007	VP-111 VP-111 (91) 4/17/2007	VP-111 VP-111 (111) 4/17/2007
<b>Volatile Organic Compounds</b>					
1,1,1-Trichloroethane	1.4J	< 5	< 5	< 5	< 5
1,1,1,2-Tetrachloroethane	<5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane	<5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	3.9J	< 5	< 5	< 5	< 5
1,1-Dichloroethene	6.3	< 5	< 5	< 5	< 5
1,2-Dichloroethane	0.79J	< 5	< 5	< 5	< 5
1,2-Dichloropropane	<5	< 5	< 5	< 5	< 5
2-Butanone	<10	< 50	< 50	< 50	< 50
2-Hexanone	<10	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone	0.18J	< 50	< 50	< 50	< 50
Acetone	<10	< 50	< 50	< 50	< 50
Benzene	<0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane	<5	< 5	< 5	< 5	< 5
Bromoform	<5	< 5	< 5	< 5	< 5
Bromomethane	<5	< 5	< 5	< 5	< 5
Carbon disulfide	<5	< 50	< 50	< 50	< 50
Carbon tetrachloride	<5	< 5	< 5	< 5	< 5
Chlorobenzene	<5	< 5	< 5	< 5	< 5
Chlorodifluoromethane	0.5J	< 5	< 5	< 5	< 5
Chloroethane	<5	< 5	< 5	< 5	< 5
Chloroform	1.5J	< 7	< 7	< 7	< 7
Chloromethane	<5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene	59	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene	<5	< 5	< 5	< 5	< 5
Dibromochloromethane	<5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane	<5	< 5	< 5	< 5	< 5
Ethylbenzene	<5	< 5	< 5	< 5	< 5
Freon 113	1.9J	< 5	< 5	< 5	< 5
Methylene chloride	<5	< 5	< 5	< 5	< 5
Styrene	<5	< 5	< 5	< 5	< 5
Tetrachloroethene	11	< 5	< 5	< 5	< 5
Toluene	<5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene	<5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene	<5	< 5	< 5	< 5	< 5
Trichloroethene	120	< 5	< 5	< 5	< 5
Vinyl Acetate	<5	--	--	--	--
Vinyl Chloride	<2	< 2	< 2	< 2	< 2
Xylene-O	--	< 5	< 5	< 5	< 5
Xylene-M,P	--	< 5	< 5	< 5	< 5
Xylene (total)	<5	--	--	--	--
<b>Sum of Constituents</b>	<b>207.87</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111(131) 4/18/2007	VP-111 VP-111(151) 4/18/2007	VP-111 VP-111(171) 4/18/2007	VP-111 REP041807 4/18/2007	VP-111 VP-111(191) 4/19/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		< 5	< 5	< 5	< 5	< 5
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	< 5	< 5	< 5	< 5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111(211) 4/19/2007	VP-111 VP-111(231) 4/19/2007	VP-111 VP-111(251) 4/19/2007	VP-111 VP-111(271) 4/20/2007	VP-111 VP-111(291) 4/20/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	7.4	10
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		< 5	< 5	< 5	9.2	48
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	< 5	< 5	8	8.5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>24.6</b>	<b>66.5</b>



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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111(311) 4/20/2007	VP-111 VP-111(331) 4/20/2007	VP-111 VP-111 (351) 4/23/2007	VP-111 VP-111 (371) 4/23/2007	VP-111 VP-111 (391) 4/24/2007
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		< 5	5.8	7.6	10	5.6
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		6.4	< 5	< 5	< 5	6.9
1,1-Dichloroethene		5.6	7.6	9.2	10	7.4
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	23	65
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	5.1	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		18	18	14	11	28
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		17	25	30	55	160
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>47</b>	<b>56.4</b>	<b>60.8</b>	<b>114.1</b>	<b>272.9</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111 (411) 4/24/2007	VP-111 VP-111 (431) 4/24/2007	VP-111 VP-111 (451) 4/24/2007	VP-111 VP-111 (471) 4/25/2007	VP-111 VP-111 (491) 4/25/2007
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		< 10	< 25	< 250	< 250	< 25
1,1,2,2-Tetrachloroethane		< 10	< 25	< 250	< 250	< 25
1,1,2-Trichloroethane		< 10	< 25	< 250	< 250	< 25
1,1-Dichloroethane		< 10	< 25	< 250	< 250	< 25
1,1-Dichloroethene		< 10	< 25	< 250	< 250	< 25
1,2-Dichloroethane		< 10	< 25	< 250	< 250	< 25
1,2-Dichloropropane		< 10	< 25	< 250	< 250	< 25
2-Butanone		< 100	< 250	< 2500	< 2500	< 250
2-Hexanone		< 100	< 250	< 2500	< 2500	< 250
4-Methyl-2-pentanone		< 100	< 250	< 2500	< 2500	< 250
Acetone		< 100	< 250	< 2500	< 2500	< 250
Benzene		< 1.4	< 3.5	< 35	< 35	< 3.5
Bromodichloromethane		< 10	< 25	< 250	< 250	< 25
Bromoform		< 10	< 25	< 250	< 250	< 25
Bromomethane		< 10	< 25	< 250	< 250	< 25
Carbon disulfide		< 100	< 250	< 2500	< 2500	< 250
Carbon tetrachloride		< 10	< 25	< 250	< 250	< 25
Chlorobenzene		< 10	< 25	< 250	< 250	< 25
Chlorodifluoromethane		< 10	< 25	< 250	< 250	< 25
Chloroethane		< 10	< 25	< 250	< 250	< 25
Chloroform		< 14	< 35	< 350	< 350	< 35
Chloromethane		< 10	< 25	< 250	< 250	< 25
cis-1,2-Dichloroethylene		<b>130</b>	<b>300</b>	<b>1400</b>	<b>1200</b>	<b>55</b>
cis-1,3-Dichloropropene		< 10	< 25	< 250	< 250	< 25
Dibromochloromethane		< 10	< 25	< 250	< 250	< 25
Dichlorodifluoromethane		< 10	< 25	< 250	< 250	< 25
Ethylbenzene		< 10	< 25	< 250	< 250	< 25
Freon 113		< 10	< 25	< 250	< 250	< 25
Methylene chloride		< 10	< 25	< 250	< 250	< 25
Styrene		< 10	< 25	< 250	< 250	< 25
Tetrachloroethene		<b>13</b>	< 25	< 250	< 250	< 25
Toluene		< 10	< 25	< 250	< 250	< 25
trans-1,2-Dichloroethylene		< 10	< 25	< 250	< 250	< 25
trans-1,3-Dichloropropene		< 10	< 25	< 250	< 250	< 25
Trichloroethene		<b>240</b>	<b>520</b>	<b>9100</b>	<b>6500</b>	<b>1700 D</b>
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 4	< 10	< 100	< 100	< 10
Xylene-O		< 10	< 25	< 250	< 250	< 25
Xylene-M,P		< 10	< 25	< 250	< 250	< 25
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>383</b>	<b>820</b>	<b>10500</b>	<b>7700</b>	<b>1755</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111 (511) 4/25/2007	VP-111 VP-111 (531) 4/26/2007	VP-111 VP-111 (551) 4/26/2007	VP-111 REP042607 4/26/2007	VP-111 VP-111(571) 4/27/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 13	< 10	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 13	< 10	< 5	< 5	< 5
1,1,2-Trichloroethane		< 13	< 10	< 5	< 5	< 5
1,1-Dichloroethane		< 13	< 10	< 5	< 5	< 5
1,1-Dichloroethene		< 13	< 10	< 5	< 5	< 5
1,2-Dichloroethane		< 13	< 10	< 5	< 5	< 5
1,2-Dichloropropane		< 13	< 10	< 5	< 5	< 5
2-Butanone		< 130	< 100	< 50	< 50	< 50
2-Hexanone		< 130	< 100	< 50	< 50	< 50
4-Methyl-2-pentanone		< 130	< 100	< 50	< 50	< 50
Acetone		< 130	< 100	< 50	< 50	< 50
Benzene		< 1.8	< 1.4	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 13	< 10	< 5	< 5	< 5
Bromoform		< 13	< 10	< 5	< 5	< 5
Bromomethane		< 13	< 10	< 5	< 5	< 5
Carbon disulfide		< 130	< 100	< 50	< 50	< 50
Carbon tetrachloride		< 13	< 10	< 5	< 5	< 5
Chlorobenzene		< 13	< 10	< 5	< 5	< 5
Chlorodifluoromethane		< 13	< 10	< 5	< 5	< 5
Chloroethane		< 13	< 10	< 5	< 5	< 5
Chloroform		< 18	< 14	< 7	< 7	< 7
Chloromethane		< 13	< 10	< 5	< 5	< 5
cis-1,2-Dichloroethylene		<b>13</b>	< 10	< 5	< 5	< 5
cis-1,3-Dichloropropene		< 13	< 10	< 5	< 5	< 5
Dibromochloromethane		< 13	< 10	< 5	< 5	< 5
Dichlorodifluoromethane		< 13	< 10	< 5	< 5	< 5
Ethylbenzene		< 13	< 10	< 5	< 5	< 5
Freon 113		< 13	< 10	< 5	< 5	< 5
Methylene chloride		< 13	< 10	< 5	< 5	< 5
Styrene		< 13	< 10	< 5	< 5	< 5
Tetrachloroethene		< 13	< 10	< 5	< 5	< 5
Toluene		< 13	< 10	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 13	< 10	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 13	< 10	< 5	< 5	< 5
Trichloroethene		<b>820 D</b>	<b>430 D</b>	<b>52</b>	<b>54</b>	< 5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 5	< 4	< 2	< 2	< 2
Xylene-O		< 13	< 10	< 5	< 5	< 5
Xylene-M,P		< 13	< 10	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>833</b>	<b>430</b>	<b>52</b>	<b>54</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-111 VP-111(591) 4/27/2007	VP-111 VP-111 (616) 4/30/2007	VP-111 VP-111 (631) 5/1/2007	VP-112 VP-112 (60) 5/23/2007	VP-112 VP-112 (80) 5/23/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		< 5	< 5	< 5	< 5	< 5
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	30	< 5	< 5	< 5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (100) 5/23/2007	VP-112 VP-112 (120) 5/24/2007	VP-112 VP-112 (140) 5/24/2007	VP-112 VP-112 (165) 5/24/2007	VP-112 VP-112 (185) 5/30/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	5.4	20
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		6.4	< 5	16	62	76
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	< 5	< 5	5.2	20
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	5.9
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>6.4</b>	<b>0</b>	<b>16</b>	<b>72.6</b>	<b>121.9</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (200) 5/30/2007	VP-112 VP-112 (220) 5/31/2007	VP-112 VP-112 (240) 5/31/2007	VP-112 VP-112 (260) 5/31/2007	VP-112 VP-112 (280) 5/31/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	<b>19</b>	<b>66</b>	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		<b>9.8</b>	<b>84</b>	<b>190</b>	<b>6.8</b>	< 5
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	<b>19</b>	<b>56</b>	< 5	< 5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	<b>4.1</b>	<b>5.2</b>	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>9.8</b>	<b>126.1</b>	<b>317.2</b>	<b>6.8</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 REP053107 5/31/2007	VP-112 VP-112 (300) 6/1/2007	VP-112 VP-112 (320) 6/1/2007	VP-112 VP-112 (340) 6/1/2007	VP-112 VP-112 (360) 6/4/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		64	< 5	< 5	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		180	< 5	< 5	< 5	< 5
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		55	< 5	< 5	< 5	< 5
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		5.1	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>304.1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (380) 6/4/2007	VP-112 VP-112(410) 6/5/2007	VP-112 VP-112 (420) 6/6/2007	VP-112 VP-112 (440) 6/6/2007	VP-112 VP-112 (470) 6/7/2007
<b>Volatile Organic Compounds</b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	5.4	5.2	5.4
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 50
Acetone		< 50	< 50	< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 5
Bromoform		< 5	< 5	< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5	< 5	< 5
Chloroform		< 7	< 7	< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	13
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5	< 5	< 5
Freon 113		< 5	< 5	< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5	< 5	< 5
Styrene		< 5	< 5	< 5	< 5	< 5
Tetrachloroethene		< 5	< 5	< 5	< 5	< 5
Toluene		< 5	< 5	< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 5
Trichloroethene		< 5	< 5	< 5	< 5	86
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5	< 5	< 5
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>0</b>	<b>0</b>	<b>5.4</b>	<b>5.2</b>	<b>104.4</b>



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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (480) 6/7/2007	VP-112 VP-112 (500) 6/7/2007	VP-112 VP-112 (520) 6/7/2007	VP-112 REP060707 6/7/2007	VP-112 VP-112 (545) 6/8/2007
<b>Volatiles Organic Compounds</b>						
1,1,1-Trichloroethane		< 5	< 5	< 5	< 5	< 50
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5	< 5	< 50
1,1,2-Trichloroethane		< 5	< 5	< 5	< 5	< 50
1,1-Dichloroethane		<b>6.1</b>	<b>5.6</b>	< 5	<b>5.5</b>	< 50
1,1-Dichloroethene		< 5	< 5	< 5	< 5	< 50
1,2-Dichloroethane		< 5	< 5	< 5	< 5	< 50
1,2-Dichloropropane		< 5	< 5	< 5	< 5	< 50
2-Butanone		< 50	< 50	< 50	< 50	< 500
2-Hexanone		< 50	< 50	< 50	< 50	< 500
4-Methyl-2-pentanone		< 50	< 50	< 50	< 50	< 500
Acetone		< 50	< 50	< 50	< 50	< 500
Benzene		< 0.7	< 0.7	< 0.7	< 0.7	< 7
Bromodichloromethane		< 5	< 5	< 5	< 5	< 50
Bromoform		< 5	< 5	< 5	< 5	< 50
Bromomethane		< 5	< 5	< 5	< 5	< 50
Carbon disulfide		< 50	< 50	< 50	< 50	< 500
Carbon tetrachloride		< 5	< 5	< 5	< 5	< 50
Chlorobenzene		< 5	< 5	< 5	< 5	< 50
Chlorodifluoromethane		< 5	< 5	< 5	< 5	< 50
Chloroethane		< 5	< 5	< 5	< 5	< 50
Chloroform		< 7	< 7	< 7	< 7	< 70
Chloromethane		< 5	< 5	< 5	< 5	< 50
cis-1,2-Dichloroethylene		<b>8.9</b>	<b>24</b>	<b>30</b>	<b>14</b>	<b>110</b>
cis-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 50
Dibromochloromethane		< 5	< 5	< 5	< 5	< 50
Dichlorodifluoromethane		< 5	< 5	< 5	< 5	< 50
Ethylbenzene		< 5	< 5	< 5	< 5	< 50
Freon 113		< 5	< 5	< 5	< 5	< 50
Methylene chloride		< 5	< 5	< 5	< 5	< 50
Styrene		< 5	< 5	< 5	< 5	< 50
Tetrachloroethene		< 5	< 5	< 5	< 5	< 50
Toluene		< 5	< 5	< 5	< 5	< 50
trans-1,2-Dichloroethylene		< 5	< 5	< 5	< 5	< 50
trans-1,3-Dichloropropene		< 5	< 5	< 5	< 5	< 50
Trichloroethene		<b>26</b>	<b>40</b>	<b>260 D</b>	<b>86</b>	<b>760</b>
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 2	< 2	< 2	< 2	< 20
Xylene-O		< 5	< 5	< 5	< 5	< 50
Xylene-M,P		< 5	< 5	< 5	< 5	< 50
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>41</b>	<b>69.6</b>	<b>290</b>	<b>105.5</b>	<b>870</b>

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Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (560) 6/8/2007	VP-112 VP-112 (580) 6/8/2007	VP-112 VP-112 (600) 6/11/2007	VP-112 VP-112 (620) 6/13/2007	VP-112 VP-112 (640) 6/13/2007
<b><u>Volatile Organic Compounds</u></b>						
1,1,1-Trichloroethane		< 25	< 50	< 25	< 25	< 25
1,1,2,2-Tetrachloroethane		< 25	< 50	< 25	< 25	< 25
1,1,2-Trichloroethane		< 25	< 50	< 25	< 25	< 25
1,1-Dichloroethane		< 25	< 50	< 25	< 25	< 25
1,1-Dichloroethene		< 25	< 50	< 25	< 25	< 25
1,2-Dichloroethane		< 25	< 50	< 25	< 25	< 25
1,2-Dichloropropane		< 25	< 50	< 25	< 25	< 25
2-Butanone		< 250	< 500	< 250	< 250	< 250
2-Hexanone		< 250	< 500	< 250	< 250	< 250
4-Methyl-2-pentanone		< 250	< 500	< 250	< 250	< 250
Acetone		< 250	< 500	< 250	< 250	< 250
Benzene		< 3.5	< 7	< 3.5	< 3.5	< 3.5
Bromodichloromethane		< 25	< 50	< 25	< 25	< 25
Bromoform		< 25	< 50	< 25	< 25	< 25
Bromomethane		< 25	< 50	< 25	< 25	< 25
Carbon disulfide		< 250	< 500	< 250	< 250	< 250
Carbon tetrachloride		< 25	< 50	< 25	< 25	< 25
Chlorobenzene		< 25	< 50	< 25	< 25	< 25
Chlorodifluoromethane		< 25	< 50	< 25	< 25	< 25
Chloroethane		< 25	< 50	< 25	< 25	< 25
Chloroform		< 35	< 70	45	< 35	< 35
Chloromethane		< 25	< 50	< 25	< 25	< 25
cis-1,2-Dichloroethylene		96	190	130	30	< 25
cis-1,3-Dichloropropene		< 25	< 50	< 25	< 25	< 25
Dibromochloromethane		< 25	< 50	< 25	< 25	< 25
Dichlorodifluoromethane		< 25	< 50	< 25	< 25	< 25
Ethylbenzene		< 25	< 50	< 25	< 25	< 25
Freon 113		< 25	< 50	< 25	< 25	< 25
Methylene chloride		< 25	< 50	< 25	< 25	< 25
Styrene		< 25	< 50	< 25	< 25	< 25
Tetrachloroethene		< 25	< 50	< 25	< 25	< 25
Toluene		< 25	< 50	< 25	< 25	< 25
trans-1,2-Dichloroethylene		< 25	< 50	< 25	< 25	< 25
trans-1,3-Dichloropropene		< 25	< 50	< 25	< 25	< 25
Trichloroethene		480	680	580	560	120
Vinyl Acetate		--	--	--	--	--
Vinyl Chloride		< 10	< 20	< 10	< 10	< 10
Xylene-O		< 25	< 50	< 25	< 25	< 25
Xylene-M,P		< 25	< 50	< 25	< 25	< 25
Xylene (total)		--	--	--	--	--
<b>Sum of Constituents</b>		<b>576</b>	<b>870</b>	<b>755</b>	<b>590</b>	<b>120</b>

# ARCADIS

Table 1. Concentrations of Volatile Organic Compounds in Off-Site Vertical Profile Borings,  
Northrop Grumman Systems Corporation, Operable Unit 3 (Former Grumman Settling Ponds), Bethpage, New York

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CONSTITUENT	Site ID: Sample ID: Sample Date:	VP-112 VP-112 (660) 6/14/2007	VP-112 VP-112 (680) 6/14/2007	VP-112 VP-112 (700) 6/14/2007
<b><u>Volatile Organic Compounds</u></b>				
1,1,1-Trichloroethane		< 5	< 5	< 5
1,1,2,2-Tetrachloroethane		< 5	< 5	< 5
1,1,2-Trichloroethane		< 5	< 5	< 5
1,1-Dichloroethane		< 5	< 5	< 5
1,1-Dichloroethene		< 5	< 5	< 5
1,2-Dichloroethane		< 5	< 5	< 5
1,2-Dichloropropane		< 5	< 5	< 5
2-Butanone		< 50	< 50	< 50
2-Hexanone		< 50	< 50	< 50
4-Methyl-2-pentanone		< 50	< 50	< 50
Acetone		< 50	< 50	< 50
Benzene		< 0.7	< 0.7	< 0.7
Bromodichloromethane		< 5	< 5	< 5
Bromoform		< 5	< 5	< 5
Bromomethane		< 5	< 5	< 5
Carbon disulfide		< 50	< 50	< 50
Carbon tetrachloride		< 5	< 5	< 5
Chlorobenzene		< 5	< 5	< 5
Chlorodifluoromethane		< 5	< 5	< 5
Chloroethane		< 5	< 5	< 5
Chloroform		< 7	< 7	< 7
Chloromethane		< 5	< 5	< 5
cis-1,2-Dichloroethylene		< 5	< 5	< 5
cis-1,3-Dichloropropene		< 5	< 5	< 5
Dibromochloromethane		< 5	< 5	< 5
Dichlorodifluoromethane		< 5	< 5	< 5
Ethylbenzene		< 5	< 5	< 5
Freon 113		< 5	< 5	< 5
Methylene chloride		< 5	< 5	< 5
Styrene		< 5	< 5	< 5
Tetrachloroethene		< 5	< 5	< 5
Toluene		< 5	< 5	< 5
trans-1,2-Dichloroethylene		< 5	< 5	< 5
trans-1,3-Dichloropropene		< 5	< 5	< 5
Trichloroethene		< 5	< 5	< 5
Vinyl Acetate		--	--	--
Vinyl Chloride		< 2	< 2	< 2
Xylene-O		< 5	< 5	< 5
Xylene-M,P		< 5	< 5	< 5
Xylene (total)		--	--	--
<b>Sum of Constituents</b>		<b>0</b>	<b>0</b>	<b>0</b>