

Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	4/11/2008	8/4/2008	9/29/2008	12/29/2008	3/31/2009	7/22/2009	11/3/2009	12/3/2009
Constituent Name (units in ug/L)								
1,1,1-Trichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2,2-Tetrachloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethene	< 50	< 50	< 50	< 50	3.7 J	< 50	< 50	< 50
1,2-Dichloroethane	< 50	< 50	< 50	< 50	15 J	6.5 J	7.0 J	7.9 J
1,2-Dichloropropane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Butanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
2-Hexanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
4-methyl-2-pentanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Acetone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Benzene	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0
Bromodichloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromoform	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromomethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon Disulfide	< 500	< 500	< 500	< 500	< 50	< 50	< 50	< 50
Carbon Tetrachloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorodifluoromethane (Freon 22)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroform	< 70	< 70	< 70	< 70	34 J	15 J	13 J	14 J
Chloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50 R
cis-1,2-dichloroethene	130	130	140	150	210	130	150	160
cis-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dichlorodifluoromethane (Freon 12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Methyl tert-Butyl Ether	--	--	--	--	--	--	--	--
Methylene Chloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Styrene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Toluene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-dichloroethene	< 50	< 50	< 50	< 50	5.6 J	< 50	5.3 J	< 50
trans-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	1100	1100	1300	1100	1200	1100	2000	2000 D
Trichlorofluoromethane (CFC-11)	--	--	--	--	--	--	--	--
Trichlorotrifluoroethane (Freon 113)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Vinyl Chloride	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Xylene-o	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Xylenes - m,p	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
TVOCs	1200	1200	1400	1300	1500	1300	2200	2200

Notes and Abbreviations on last page.

Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	1/13/2010	2/8/2010	3/11/2010	4/26/2010	5/26/2010	6/25/2010	7/27/2010	8/25/2010	9/20/2010
Constituent Name (units in ug/L)									
1,1,1-Trichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2,2-Tetrachloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	3.6 J
1,2-Dichloroethane	7.5 J	5.6 J	7.0 J	7.7 J	8.2 J	9.0 J	8.2 J	8.4 J	9.0 J
1,2-Dichloropropane	< 50	< 50	< 50	< 50	< 50	< 50	4.5 J	5.1 J	5.1 J
2-Butanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
2-Hexanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
4-methyl-2-pentanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500
Acetone	< 500	< 500 B	< 500	< 500	< 500	< 500	< 500	< 500	9.5 J
Benzene	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0
Bromodichloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromoform	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromomethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon Disulfide	< 50	3.4 J	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon Tetrachloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorodifluoromethane (Freon 22)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroform	12 J	9.4 J	10 J	13 J	15 J	20 J	15 J	15 J	15 J
Chloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-dichloroethene	150	130	150	180	170	180	180	190	160
cis-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dichlorodifluoromethane (Freon 12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Methyl tert-Butyl Ether	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Methylene Chloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Styrene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Toluene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-dichloroethene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	3.5 J	< 50
trans-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	2000	1600	1700	1800	1800	1700	1700	1900	2100 D
Trichlorofluoromethane (CFC-11)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorotrifluoroethane (Freon 113)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Vinyl Chloride	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Xylene-o	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Xylenes - m,p	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
TVOCs	2200	1700	1900	2000	2000	1900	1900	2100	2300

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Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5 ⁽¹⁾	MW-116-5
Sample Date:	10/22/2010	11/22/2010	12/17/2010	1/17/2011	2/16/2011	3/22/2011	4/21/2011	5/19/2011
Constituent Name (units in ug/L)								
1,1,1-Trichloroethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
1,1,2,2-Tetrachloroethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
1,1,2-Trichloroethane	< 100	< 50	3.1 J	< 50	3.6 J	3.3 J	4.2 J	3.6 J
1,1-Dichloroethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
1,1-Dichloroethene	< 100	4.0 J	4.5 J	5.8 J	5.8 J	6.3 J	4.4 J	6.1 J
1,2-Dichloroethane	12 J	15 J	16 J	17 J	20 J	17 J	17 J	17 J
1,2-Dichloropropane	< 100	4.3 J	3.3 J	3.8 J	4.4 J	4.4 J	4.2 J	5.6 J
2-Butanone	<1000	< 500	< 500	< 500	< 500	< 500	500R	< 500
2-Hexanone	<1000	< 500	< 500	< 500	< 500	< 500	500R	< 500
4-methyl-2-pentanone	<1000	< 500	< 500	< 500	< 500	< 500	500R	< 500
Acetone	<1000	< 500	< 500	< 500	< 500	< 500	500R	< 500
Benzene	< 14	< 7.0	< 7.0	< 7.0	< 7.0	< 7.0	7.0R	< 7.0
Bromodichloromethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Bromoform	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Bromomethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Carbon Disulfide	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Carbon Tetrachloride	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Chlorobenzene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Chlorodifluoromethane (Freon 22)	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Chloroethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Chloroform	18 J	28 J	31 J	32 J	33 J	32 J	32 J	34 J
Chloromethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
cis-1,2-dichloroethene	170	230	250	270	270	270	300 J	280
cis-1,3-dichloropropene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Dibromochloromethane	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Dichlorodifluoromethane (Freon 12)	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Ethylbenzene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Methyl tert-Butyl Ether	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Methylene Chloride	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Styrene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Tetrachloroethene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Toluene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
trans-1,2-dichloroethene	< 100	4.8 J	4.7 J	< 50	5.9J	6.1J	50R	4.3J
trans-1,3-dichloropropene	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Trichloroethylene	2100	1800	1800	1900	1900	1900	2000J	2200
Trichlorofluoromethane (CFC-11)	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Trichlorotrifluoroethane (Freon 113)	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Vinyl Chloride	< 40	< 20	< 20	< 20	< 20	< 20	50R	< 20
Xylene-o	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
Xylenes - m,p	< 100	< 50	< 50	< 50	< 50	< 50	50R	< 50
TVOCs	2300	2100	2100	2200	2200	2200	2400	2600

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Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	6/21/2011	7/19/2011	8/22/2011	9/22/2011	10/17/2011	11/16/2011	12/21/2011	1/24/2012
Constituent Name (units in ug/L)								
1,1,1-Trichloroethane	<100	<100	<100	<100	<100	<100	< 100	< 100
1,1,2,2-Tetrachloroethane	<100	<100	<100	<100	<100	<100	< 100	< 100
1,1,2-Trichloroethane	<100	<100	<100	<100	4.8 J	<100	< 100	< 100
1,1-Dichloroethane	<100	<100	<100	<100	<100	<100	< 100	< 100
1,1-Dichloroethene	<100	6.2 J	6.0 J	5.4 J	5 J	5.8 J	< 100	< 100
1,2-Dichloroethane	15 J	15 J	14 J	12 J	14 J	17 J	16 J	20 J
1,2-Dichloropropane	<100	7.0 J	6.6 J	<100	8 J	8.6 J	7.6 J	< 100
2-Butanone	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
2-Hexanone	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
4-methyl-2-pentanone	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Acetone	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene	< 14	< 14	< 14	< 14	< 14	< 14	< 14	< 14
Bromodichloromethane	<100	<100	<100	<100	<100	<100	< 100	< 100
Bromoform	<100	<100	<100	<100	<100	<100	< 100	< 100
Bromomethane	<100	<100	<100	<100	<100	<100	< 100	< 100
Carbon Disulfide	<100	<100	<100	<100	<100	<100	< 100	< 100
Carbon Tetrachloride	<100	<100	<100	<100	<100	<100	< 100	< 100
Chlorobenzene	<100	<100	<100	<100	<100	<100	< 100	< 100
Chlorodifluoromethane (Freon 22)	<100	<100	<100	<100	<100	<100	< 100	< 100
Chloroethane	<100	<100	<100	<100	<100	<100	< 100	< 100
Chloroform	28 J	28 J	25 J	29 J	25 J	26J	26 J	35 J
Chloromethane	<100	<100	<100	<100	<100	<100	< 100	< 100
cis-1,2-dichloroethene	350	350	270	350	360	390	380	430
cis-1,3-dichloropropene	<100	<100	<100	<100	<100	<100	< 100	< 100
Dibromochloromethane	<100	<100	<100	<100	<100	<100	< 100	< 100
Dichlorodifluoromethane (Freon 12)	<100	<100	<100	<100	<100	<100	< 100	< 100
Ethylbenzene	<100	<100	<100	<100	<100	<100	< 100	< 100
Methyl tert-Butyl Ether	<100	<100	<100	<100	<100	<100	< 100	< 100
Methylene Chloride	<100	<100	<100	<100	<100	4.6 BJ	< 100	< 100
Styrene	<100	<100	<100	<100	<100	<100	< 100	< 100
Tetrachloroethene	<100	<100	<100	<100	<100	<100	< 100	< 100
Toluene	<100	<100	<100	<100	<100	<100	< 100	< 100
trans-1,2-dichloroethene	<100	<100	<100	<100	5 J	<100	9.6 J	11 J
trans-1,3-dichloropropene	<100	<100	<100	<100	<100	<100	< 100	< 100
Trichloroethylene	2300	2600	2700	2600	3000	2900	2700	2400
Trichlorofluoromethane (CFC-11)	< 50	<100	<100	<100	<100	<100	< 100	< 100
Trichlorotrifluoroethane (Freon 113)	< 50	<100	<100	<100	<100	<100	< 100	< 100
Vinyl Chloride	< 20	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylene-o	< 50	<100	<100	<100	<100	<100	< 100	< 100
Xylenes - m,p	< 50	<100	<100	<100	<100	<100	< 100	< 100
TVOCs	2700	3000	3000	3000	3400	3400	3100	2900

Notes and Abbreviations on last page.

Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	2/22/2012	3/30/2012	4/30/2012	5/30/2012	6/28/2012	7/24/2012	8/30/2012	9/20/2012
Constituent Name (units in ug/L)								
1,1,1-Trichloroethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
1,1,2,2-Tetrachloroethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
1,1,2-Trichloroethane	< 100	< 100	< 100	<50	<50	2.3 J	<50	2.6 J
1,1-Dichloroethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
1,1-Dichloroethene	4.4 J	5.4 J	4.2 J	3.6 J	<50	2.8 J	2.6 J	2.5 J
1,2-Dichloroethane	16 J	13 J	9.4 J	10 J	<50	10 J	7.9 J	9.3 J
1,2-Dichloropropane	< 100	< 100	6.2 J	4.9 J	5.2 J	4.3 J	3.2 J	5.2 J
2-Butanone	< 1000	< 1000	< 1000	<500	<500	<500	<500	<500
2-Hexanone	< 1000	< 1000	< 1000	<500	<500	<500	<500	<500
4-methyl-2-pentanone	< 1000	< 1000	< 1000	<500	<500	<500	<500	<500
Acetone	< 1000	< 1000	< 1000	<500	<500 B	<500	<500	<500
Benzene	< 14	< 14	< 14	< 7	< 7	<7	<7	<7
Bromodichloromethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
Bromoform	< 100	< 100	< 100	<50	<50	<50	<50	<50
Bromomethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
Carbon Disulfide	< 100	< 100	< 100	<50	<50	<50	<50	<50
Carbon Tetrachloride	< 100	< 100	< 100	<50	<50	<50	<50	<50
Chlorobenzene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Chlorodifluoromethane (Freon 22)	< 100	< 100	< 100	<50	<50	<50	<50	<50
Chloroethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
Chloroform	26 J	20 J	13 J	14 J	14 J	14 J	13 J	13 J
Chloromethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
cis-1,2-dichloroethene	370	270	230	210	210	200	190	220
cis-1,3-dichloropropene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Dibromochloromethane	< 100	< 100	< 100	<50	<50	<50	<50	<50
Dichlorodifluoromethane (Freon 12)	< 100	< 100	< 100	<50	<50	<50	<50	<50
Ethylbenzene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Methyl tert-Butyl Ether	< 100	< 100	< 100	<50	<50	<50	<50	<50
Methylene Chloride	5 J	< 100	< 100	<50	<50	<50	<50	<50
Styrene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Tetrachloroethene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Toluene	< 100	< 100	< 100	<50	<50	<50	<50	<50
trans-1,2-dichloroethene	4.8 J	< 100	4.6 J	3.7 J	2.2 J	<50	<50	2.2 J
trans-1,3-dichloropropene	< 100	< 100	< 100	<50	<50	<50	<50	<50
Trichloroethylene	2500	1900	1900	2000	1900	1900	1700	1900
Trichlorofluoromethane (CFC-11)	< 100	< 100	< 100	<50	<50	<50	<50	<50
Trichlorotrifluoroethane (Freon 113)	< 100	< 100	< 100	<50	<50	<50	<50	<50
Vinyl Chloride	< 40	< 40	< 40	< 20	<50	<20	<20	<20
Xylene-o	< 100	< 100	< 100	<50	<50	<50	<50	<50
Xylenes - m,p	< 100	< 100	< 100	<50	<50	<50	<50	<50
TVOCs	2900	2200	2200	2200	2100	2100	1900	2200

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Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	11/13/2012	12/19/2012	1/24/2013	2/22/2013	3/25/2013	4/25/2013	5/17/2013	6/4/2013
Constituent Name (units in ug/L)								
1,1,1-Trichloroethane	< 50	< 50	< 50	< 50 U	< 50 U	<50	< 50	1.8
1,1,2,2-Tetrachloroethane	< 50	< 50	< 50	< 50 U	< 50 U	<50	< 50	<0.50
1,1,2-Trichloroethane	< 50	2.5 J	2.1 J	< 50 U	3.3 J	2.6 J	3.2 J	3.2
1,1-Dichloroethane	< 50	< 50	< 50	< 50 U	< 50 U	<50	< 50	1.9
1,1-Dichloroethene	3.5 J	2.5 J	2.6 J	2.6 J	3.4 J	4.0 J	5.0 J	6.6
1,2-Dichloroethane	8.5 J	9.8 J	8.5 J	8.7 J	11 J	11 J	13 J	16.9
1,2-Dichloropropane	5.2 J	5.9 J	4.2 J	5.4 J	5.0 J	4.3 J	5.5 J	5.3
2-Butanone	< 500	< 500	< 500	< 500	< 500	<500	< 500	<2.5
2-Hexanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	<2.5
4-methyl-2-pentanone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	<2.5
Acetone	< 500	< 500	< 500	< 500	< 500	< 500	< 500	<5.0
Benzene	< 7	< 7	< 7	< 7	< 7	<7	< 7	<0.50
Bromodichloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Bromoform	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Bromomethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Carbon Disulfide	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Carbon Tetrachloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	1.6
Chlorobenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Chlorodifluoromethane (Freon 22)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Chloroethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Chloroform	12 J	14 J	15 J	15 J	16 J	17 J	20 J	26.1
Chloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
cis-1,2-dichloroethene	190	210	200	200	210	250	270	332 D
cis-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	<50	< 50	<0.50
Dibromochloromethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Dichlorodifluoromethane (Freon 12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Ethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Methyl tert-Butyl Ether	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Methylene Chloride	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Styrene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Tetrachloroethene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	1.4
Toluene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
trans-1,2-dichloroethene	< 50	2.5 J	< 50	2.6 J	< 50	< 50	4.1 J	1.5
trans-1,3-dichloropropene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Trichloroethylene	1700	1900	1800	2100 D	1900	1900	1900	2480 D
Trichlorofluoromethane (CFC-11)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Trichlorotrifluoroethane (Freon 113)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	--
Vinyl Chloride	< 20	< 20	< 20	< 20	< 20	< 20	< 20	<0.50
Xylene-o	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<0.50
Xylenes - m,p	< 50	< 50	< 50	< 50	< 50	< 50	< 50	<1.0
TVOCs	1900	2100	2000	2300	2200	2200	2200	2900

Notes and Abbreviations on last page.

Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5
Sample Date:	7/26/2013	8/23/2013	9/26/2013	10/24/2013	11/20/2013	12/27/2013	1/23/2014	2/20/2014	3/19/2014
Constituent Name (units in ug/L)									
1,1,1-Trichloroethane	2.2 J	< 100 J	<100	<100	<100	<100	<100	<100	<100
1,1,2,2-Tetrachloroethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	3.4 J	< 100 J	4.6 J	<100	<100	5.6 J	6.0 J	4.4 J	5.2 J
1,1-Dichloroethane	2.5 J	< 100 J	<100	<100	<100	<100	<100	<100	<100
1,1-Dichloroethene	4.7 J	5.8 J	7.0J	6.0 J	7.0 J	7.6 J	5.8 J	4.2 J	5.8 J
1,2-Dichloroethane	17 J	18 J	18J	19 J	20 J	20 J	21 J	18 J	18 J
1,2-Dichloropropane	6.3 J	< 100 J	8.6J	6.8 J	8.0 J	8.4 J	7.6 J	7.8 J	6.6 J
2-Butanone	<500	< 1000 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Hexanone	<500	< 1000 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-methyl-2-pentanone	<500	< 1000 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Acetone	<500	< 1000 J	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Benzene	<7	< 14 J	<14	<14	<14	<14	<14	<14	<14
Bromodichloromethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Bromoform	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Bromomethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Carbon Disulfide	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Carbon Tetrachloride	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Chlorobenzene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Chlorodifluoromethane (Freon 22)	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Chloroethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Chloroform	24 J	24 J	26J	26 J	28 J	30 J	28 J	25 J	25 J
Chloromethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
cis-1,2-dichloroethene	390	380 J	420	430	470	460	430	450	440
cis-1,3-dichloropropene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Dibromochloromethane	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Dichlorodifluoromethane (Freon 12)	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Methyl tert-Butyl Ether	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Methylene Chloride	<50	< 100 J	<100	5.4 J	<100	<100	<100	<100	<100
Styrene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Tetrachloroethene	<50	< 100 J	<100	<100	<100	<100	<100	<100	5.4 J
Toluene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
trans-1,2-dichloroethene	5.9 J	< 100 J	<100	4.4 J	<100	<100	<100	<100	<100
trans-1,3-dichloropropene	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Trichloroethylene	2600 D	2600 J	2600	2700	2700	2700	2800	2700	2800
Trichlorofluoromethane (CFC-11)	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Trichlorotrifluoroethane (Freon 113)	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Vinyl Chloride	<20	< 40 J	<100	<100	<100	<100	<100	<100	<100
Xylene-o	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
Xylenes - m,p	<50	< 100 J	<100	<100	<100	<100	<100	<100	<100
TVOCs	3100	3000	3100	3200	3200	3200	3300	3200	3300

Notes and Abbreviations on last page.

Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-5	MW-116-R	MW-116-5	MW-116-5	MW-116-5
Sample Date:	4/21/2014	5/23/2014	6/12/2014	7/14/2014	8/13/2014	8/13/2014	9/10/2014	10/13/2014	11/10/2014
Constituent Name (units in ug/L)									
1,1,1-Trichloroethane	<100	1.7 J	<50	1.3 J	<25	<50	<25	2.2	1.5
1,1,2,2-Tetrachloroethane	<100	< 25	<50	<25	<25	<50	<25	<1	< 1.0
1,1,2-Trichloroethane	5.0 J	3.5 J	<50	1.6 J	2.2 J	<50	<25	2.9	1.9
1,1-Dichloroethane	<100	2.1 J	<50	1.8 J	2.0 J	2.6 J	<25	3.3	2.6
1,1-Dichloroethene	4.2 J	4.9 J	4.8 J	4.4 J	4.3 J	<50	<25	7.3	5.3
1,2-Dichloroethane	17 J	16 J	12 J	13 J	15 J	16 J	<25	16.4	12.5
1,2-Dichloropropane	5.4 J	3.6 J	4.1 J	3.4 J	3.7 J	3.9 J	<25	5.5	4.0
2-Butanone	<1000	< 250	<500	< 250	< 250	<500	<50	<10	<10
2-Hexanone	<1000	< 250	<500	< 250	< 250	<500	<50	<5	<5
4-methyl-2-pentanone	<1000	< 250	<500	< 250	< 250	<500	<50	<5	<5
Acetone	<1000	< 250	<500	< 250	< 250	<500	<50	<10	<10
Benzene	<14	< 3.5	<7.0	< 3.5	< 3.5	<7.0	<25	<1	<1
Bromodichloromethane	<100	< 25	<50	< 25	< 25	<50	<25	<1	<1
Bromoform	<100	< 25	<50	< 25	< 25	<50	<25	<4	<4
Bromomethane	<100	< 25	<50	< 25	< 25	<50	<25	<2	<2
Carbon Disulfide	<100	< 25	<50	< 25	< 25	<50	<50	<2	<2
Carbon Tetrachloride	<100	1.5 J	<50	< 25	< 25	<50	<25	2.4	1.8
Chlorobenzene	<100	1.3 J	<50	< 25	< 25	<50	<25	<1	<1
Chlorodifluoromethane (Freon 22)	<100	< 25	<50	< 25	< 25	<50	<25 J	<5	<5
Chloroethane	<100	< 25	<50	< 25	< 25	<50	<25	<1	<1
Chloroform	25 J	21 J	18 J	15 J	17 J	18 J	<25	23.9	17.0
Chloromethane	<100	< 25	<50	<25	< 25	<50	<25 J	<1	<1
cis-1,2-dichloroethene	390	310	240	230	230	250	250	220 D	242 D
cis-1,3-dichloropropene	<100	< 25	<50	<25	<25	<50	<25	<1	<1
Dibromochloromethane	<100	< 25	<50	<25	<25	<50	<25	<1	<1
Dichlorodifluoromethane (Freon 12)	<100	< 25	<50	<25	<25	<50	<25	<5	<5
Ethylbenzene	<100	< 25	<50	<25	<25	<50	<25	<1	<1
Methyl tert-Butyl Ether	<100	--	--	--	--	--	--	--	--
Methylene Chloride	7.0 J	< 25	<50	< 25 B	<25	<50	<25	<2	<2
Styrene	<100	< 25	<50	< 25	<25	<50	<25	<5	<5
Tetrachloroethene	<100	1.5 J	<50	1.2 J	<25	<50	<25	1.4 J	0.99 J
Toluene	<100	< 25	<50	< 25	<25	<50	<25	<1	<1
trans-1,2-dichloroethene	<100	3.2 J	<50	2.4 J	3.1 J	<50	<25	3.6	2.2
trans-1,3-dichloropropene	<100	< 25	<50	<25	<25	<50	<25	<1	<1
Trichloroethylene	2700	2000 D	1600	1500 D	1600 D	1500	1700 D	1640 D	1410 D
Trichlorofluoromethane (CFC-11)	<100	--	--	--	--	--	--	--	--
Trichlorotrifluoroethane (Freon 113)	<100	< 25	<50	< 25	< 25	<50	<25	<5	<5
Vinyl Chloride	<100	< 10	<20	< 10	< 10	<20	<25	<1	<1
Xylene-o	<100	< 25	<50	< 25	< 25	<50	<25	<1	<1
Xylenes - m,p	<100	< 25	<50	< 25	< 25	<50	<25	<1	<1
TVOCs	3200	2400	1900	1800	1900	1800	2000	1900	1700

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Table 1. Concentrations of Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Well MW116-5, Northrop Grumman Systems Corporation, Bethpage, New York.

Location ID:	MW-116-5	MW-116-5
Sample Date:	12/17/2014	1/15/2015
Constituent Name (units in ug/L)		
1,1,1-Trichloroethane	<10	<5.0
1,1,1,2,2-Tetrachloroethane	<10	<5.0
1,1,2-Trichloroethane	<10	2.6 J
1,1-Dichloroethane	<10	2.7 J
1,1-Dichloroethene	<10	5.8
1,2-Dichloroethane	13.8	13.8
1,2-Dichloropropane	<10	5.2
2-Butanone	<100	<50
2-Hexanone	<50	<25
4-methyl-2-pentanone	<50	<25
Acetone	<100	<50
Benzene	<10	<5.0
Bromodichloromethane	<10	<5.0
Bromoform	<40	<20
Bromomethane	<20	<10
Carbon Disulfide	<20	<10
Carbon Tetrachloride	<10	1.8 J
Chlorobenzene	<10	<5.0
Chlorodifluoromethane (Freon 22)	<50	<25
Chloroethane	<10	<5.0
Chloroform	16.5	18.7
Chloromethane	<10	<5.0
cis-1,2-dichloroethene	233	309
cis-1,3-dichloropropene	<10	<5.0
Dibromochloromethane	<10	<5.0
Dichlorodifluoromethane (Freon 12)	<50	<25
Ethylbenzene	<10	<5.0
Methyl tert-Butyl Ether	--	--
Methylene Chloride	<20	<10
Styrene	<50	<25
Tetrachloroethene	<10	<5.0
Toluene	<10	<5.0
trans-1,2-dichloroethene	8.5 J	<5.0
trans-1,3-dichloropropene	<10	<5.0
Trichloroethylene	1430	1690 D
Trichlorofluoromethane (CFC-11)	--	--
Trichlorotrifluoroethane (Freon 113)	<50	<25
Vinyl Chloride	<10	<5.0
Xylene-o	<10	<5.0
Xylenes - m,p	<10	<5.0
TVOCs	1700	2000

Notes and Abbreviations on last page.