



LEGEND

- MW-7 Existing Monitoring Well
- Soil Boring and/or Vapor Point Location

Former Ithaca Gun Factory - Offsite
NYSDEC Site #C755019A
Ithaca, New York

Figure 4

DATE: August, 2013 Scale 1" = 100'

SOIL VAPOR VOC DISTRIBUTION MAP



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VP-1

Parameter	(ug/m ³)
Benzene	5.9
Carbon Tetrachloride	83
Chloroform	520
Dichlorodifluoromethane	9.3
Ethylbenzene	21
M&P Xylene	72
N-Hexane	13
O-Xylene	30
Styrene	14
Tetrachloroethene	420
Toluene	55
Trichloroethene	910
1,1,1 Trichloroethane	150
1,2,4 Trimethylbenzene	42
1,3,5 Trimethylbenzene	10

VP-2

Parameter	(ug/m ³)
Benzene	3.5
Carbon Tetrachloride	3.1
Cyclohexane	16
Dichlorodifluoromethane	2.1
Ethanol	7.2
Ethylbenzene	0.95
M&P Xylene	4.7
N-Hexane	27
O-Xylene	1.7
Tetrachloroethene	1.9
Toluene	7.4
1,1,1 Trichloroethane	8.1
1,1,2 Trichloroethane	1.4
1,2,4 Trimethylbenzene	1.8
1,3,5 Trimethylbenzene	1.0
2-Butanone	3.4
4-Methyl-2-Pentanone (MIBK)	13

VP-3

Parameter	(ug/m ³)
Benzene	2.1
Carbon Tetrachloride	1.9
Chloroform	1.7
Cyclohexane	9.0
Ethanol	5.0
Ethylbenzene	1.0
Methylene Chloride	2.3
N-Hexane	7.7
Tetrachloroethene	0.57
Toluene	6.2
Trichloroethene	1.7
Trichlorofluoromethane	0.94
1,1,1 Trichloroethane	4.6
1,1,2 Trichloroethane	0.80
1,2 Dichloroethane	0.36
1,2,4 Trimethylbenzene	2.6
1,3,5 Trimethylbenzene	1.6
2-Butanone	5.1
4-Methyl-2-Pentanone (MIBK)	4.7

VP-4

Parameter	(ug/m ³)
Benzene	1.4
Carbon Tetrachloride	120
Chloroform	99
Cyclohexane	6.9
Dichlorodifluoromethane	45
Ethanol	12
M&P Xylene	2.4
N-Hexane	11
O-Xylene	3.2
Styrene	57
Trichloroethene	6.2
Trichlorofluoromethane	1.1
1,1,1 Trichloroethane	170
1,1,2 Trichloroethane (MIBK)	3.9

VP-5

Parameter	(ug/m ³)
Benzene	6.7
Carbon Tetrachloride	37
Chloroform	12
Cyclohexane	7.2
Dichlorodifluoromethane	27
Ethanol	11
Ethylbenzene	3.7
M&P Xylene	11
Methylene Chloride	0.75
O-Xylene	4.3
Styrene	2.2
Tetrachloroethene	6.7
Toluene	11
Trichloroethene	5.2
Trichlorofluoromethane	19
1,1,1 Trichloroethane	56
1,1,2 Trichloroethane	2.1
1,2 Dichloroethane	0.84
1,2,4 Trimethylbenzene	6.8
1,3,5 Trimethylbenzene	2.2
2,2,4-Trimethylpentane	2.1
2-Butanone	6.2
4-Methyl-2-Pentanone (MIBK)	37

VP-6

Parameter	(ug/m ³)
Benzene	2.2
Carbon Tetrachloride	38
Chloroform	0.84
Cyclohexane	16
Dichlorodifluoromethane	22
Ethanol	4.0
Ethylbenzene	2.2
M&P Xylene	10
Methylene Chloride	1.1
N-Hexane	36
O-Xylene	3.1
Styrene	0.55
Tetrachloroethene	1.3
Toluene	14
Trichlorofluoromethane	40
1,1,1 Trichloroethane	47
1,1,2 Trichloroethane	1.5
1,2,4 Trimethylbenzene	3.5
1,3,5 Trimethylbenzene	1.6
2,2,4-Trimethylpentane	1.0
2-Butanone	13
4-Methyl-2-Pentanone (MIBK)	6.2

VP-7

Parameter	(ug/m ³)
Carbon Tetrachloride	96
Chloroform	310
Dichlorodifluoromethane	34
N-Hexane	30
Tetrachloroethene	21
Trichloroethene	730
1,1,1 Trichloroethane	200

VP-8

Parameter	(ug/m ³)
Carbon Tetrachloride	47
Chloroform	500
Tetrachloroethene	150
Trichloroethene	1,400
1,1,1 Trichloroethane	110

VP-9

Parameter	(ug/m ³)
Benzene	4.9
Carbon Tetrachloride	7.9
Chloroform	320
Cyclohexane	12
Dichlorodifluoromethane	43
M&P Xylene	6.2
N-Hexane	25
Toluene	7.3
Trichloroethene	320
Trichlorofluoromethane	19
1,1,1 Trichloroethane	42

VP-10

Parameter	(ug/m ³)
Benzene	2.8
Carbon Tetrachloride	2.5
Chloroform	12
Cyclohexane	1.3
Dichlorodifluoromethane	4.4
Ethanol	6.4
Ethylbenzene	0.94
M&P Xylene	3.4
N-Hexane	6.4
O-Xylene	1.2
Tetrachloroethene	16
Toluene	4.8
Trichloroethene	120
Trichlorofluoromethane	1.3
1,1,1 Trichloroethane	8.2
1,2,4 Trimethylbenzene	1.3
2-Butanone	5.7
4-Methyl-2-Pentanone (MIBK)	2.9

VP-11

Parameter	(ug/m ³)
Benzene	10
Carbon Tetrachloride	75
Chloroform	430
Cyclohexane	22
Dichlorodifluoromethane	260
Ethanol	56
Ethylbenzene	26
M&P Xylene	84
N-Hexane	29
O-Xylene	34
Styrene	15
Tetrachloroethene	500
Toluene	72
Trichloroethene	130
Trichlorofluoromethane	28
1,1,1 Trichloroethane	210
1,2,4 Trimethylbenzene	32
1,3,5 Trimethylbenzene	11
2-Butanone	9.5
4-Methyl-2-Pentanone (MIBK)	9.7

VP-12

Parameter	(ug/m ³)
Benzene	7.4
Carbon Tetrachloride	5.8
Chloroform	33
Dichlorodifluoromethane	6.2
Ethanol	28
Ethylbenzene	25
M&P Xylene	86
N-Hexane	14
O-Xylene	35
Styrene	17
Tetrachloroethene	490
Toluene	64
Trichloroethene	3.6
1,1,1 Trichloroethane	17
1,2,4 Trimethylbenzene	55
1,3,5 Trimethylbenzene	14

