

Former Pfizer LTM Summary
Darbytown Road, Richmond, VA
October 2014

Sample ID	Screening Criteria	MW-3	MW-5	MW-09	MW-10		MW-13	MW-15	MW-19	MW-35	MW-36		MW-37	MW-38	MW-39
		October 2014	October 2014	October 2014	October 2014	Duplicate	October 2014	October 2014	October 2014	October 2014	October 2014	October 2014	Duplicate	October 2014	October 2014
VOCs (ug/L)															
1,1-Dichloroethene	<u>7.0</u>	0.5 U	0.5 U	0.74 U	0.089 J	0.1 J	0.1 J	0.27 J	0.24 J	0.5 U	0.5 U	0.5 U	0.5 U	0.24 J	0.11 J
cis-1,2-Dichloroethene	<u>70</u>	0.5 U	0.5 U	0.74 U	0.16 J	0.16 J	0.14 J	0.17 J	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.16 J	0.063 J
trans-1,2-Dichloroethene	<u>100</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	<u>2.7</u>	0.24 J	0.064 J	0.11 JD	0.19 J	0.18 J	0.19 J	0.28 J	0.33 J	0.5 U	0.5 U	0.5 U	0.5 U	0.28 J	0.15 J
1,2-Dichlorobenzene	<u>600</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.034 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroform	<u>80</u> ¹	24	33	42 D	16	17	25	17	35	0.16 J	1.7	1.7	2.5	18	37
Chloromethane	<u>19</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Tetrachloride	<u>5</u>	1.1	1.5	1.6 D	1.1	1.1	1.1	1	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2
Dichlorodifluoromethane	<u>20</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl-tert-butyl-ether	<u>14</u>	0.5 U	0.11 J	0.74 U	0.15 J	0.14 J	0.22 J	0.069 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.062 J	0.088 J
Trichlorofluoromethane	<u>110</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	<u>5</u>	0.5 U	0.12 J	0.74 U	1.2	1.2	0.72	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.35 J
Tetrachloroethene	<u>5</u>	0.5 U	0.5 U	0.74 U	0.31 J	0.32 J	0.17 J	0.12 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.098 J	0.13 J
1,1,2,2-Tetrachloroethane	0.076	0.5 U	0.87	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.15 J	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.19 J
Toluene	<u>1000</u>	0.034 UJ	0.044 UJ	0.74 U	0.034 UJ	0.034 UJ	0.054 UJ	0.04 UJ	0.052 UJ	0.043 UJ	0.031 UJ	0.04 UJ	0.061 UJ	0.075 UJ	0.069 UJ
Methylene Chloride	<u>5</u>	0.085 UJ	0.11 UJ	0.057 UJ	0.071 UJ	0.055 UJ	0.029 UJ	0.025 UJ	0.026 UJ	0.5 U	0.15 UJ	0.04 UJ	0.066 UJ	0.5 U	0.5 U
2-Butanone	<u>560</u>	2.5 U	2.5 U	3.7 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Benzene	<u>5</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	---	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	<u>700</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Acetone	<u>1400</u>	1.8 UJ	1.6 UJ	1.8 UJ	1.2 UJ	1.3 UJ	1.6 UJ	1.2 UJ	3.6 UJ	2.6 UJ	0.94 UJ	1.3 UJ	5.8 UJ	3.4 UJ	2.5 UJ
m,p-Xylene	<u>19</u>	1 U	1 U	1.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
o-Xylene	<u>19</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Xylene (Total)	<u>10000</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cyclohexane	<u>1300</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl acetate	<u>2000</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Dichlorobenzene	---	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	<u>75</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	<u>70</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methylcyclohexane	---	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-trichloro-1,2,2-trifluoro	<u>5500</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon Disulfide	<u>81</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.037 J	0.5 U	0.5 U	0.049 J	0.5 U	0.5 U
Isopropanol	---	25 U	25 U	37 U	25 U	25 U	25 U	25 U	25 U	19 J	25 U	25 U	25 U	22 J	18 J
1,2-Dichloroethane	<u>5.0</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromodichloromethane	<u>80</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1	0.5 U	0.5 U
Dibromochloromethane	<u>80</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.5 U
Chlorobenzene	<u>100</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Heptane	---	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-Butadiene	<u>0.018</u>	0.5 U	0.5 U	0.74 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VOCs - Tentatively Identified Compounds (ug/L)															
Diisopropyl ether	---	---	---	---	---	---	---	1.4 JN	0.71 JN	---	---	---	---	---	---
Sulfur dioxide	---	---	---	---	---	---	---	---	---	---	---	---	23 J	---	---
Unknown 10.488	---	---	---	---	---	---	---	0.84 J	---	---	---	---	---	0.87 J	0.53 J
Unknown 8.025	---	---	---	---	---	---	---	---	---	---	---	---	---	1.7 J	---
SVOCs (ug/L)															
1,4-Dioxane	<u>0.78</u>	25.00 U	25.00 U	37 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U

Notes:

D: Concentration is based on a diluted sample analysis.

J: estimated value

N: presumptive evidence of the compound

U: not detected

UJ: The analyte was not positively identified. The reporting limit is considered an estimated value.

Bold indicates screening criteria exceedance

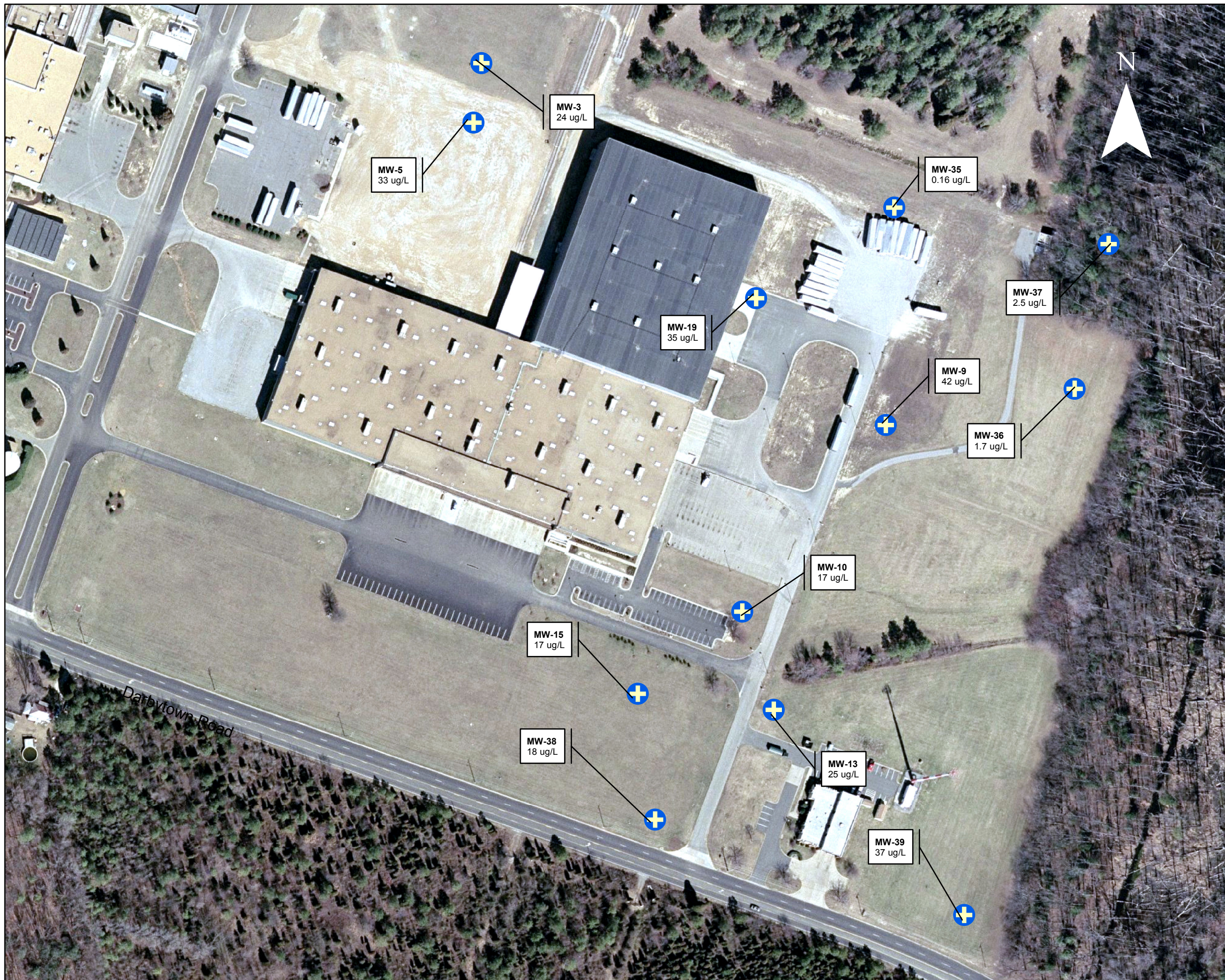
Underlined screening criteria indicates Maximum Contaminant Level (MCL); all other screening criteria are May 2014 Regional Screening Levels (RSLs)

1. Screening value for chloroform is for total trihalomethanes (chloroform, bromodichloromethane, bromoform and dibromochloromethane)



Figure 1
Chloroform Concentrations
in Groundwater
Fall 2014

Pfizer Consumer
Healthcare
Richmond, Virginia



Legend

Monitoring Wells

Sampled October 2014

Well ID
Concentration

Chloroform Screening Criteria: 80 ug/L

Note:
1. Exceedances of the screening criteria for chloroform are shown in bold.

