FINAL REPORT-
APPENDICES

WEST LOUISVILLE AIR TOXICS STUDY

RISK ASSESSMENT

Prepared for:

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and
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APPENDIX A

Analytical Data As Reported

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	6.1		2.8		3.1		2.6		1.2		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.0056	J	0.033	U	0.033	U	0.036	U
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.0038	J	0.011	J	0.0048	J	0.0048	J	0.0096	J
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.075	U	0.067	U	0.066	U	0.071	U
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.075	U	0.067	U	0.066	U	0.071	U
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.03	J	0.11		0.043		0.036		0.12	
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.0049	J	0.033	U	0.0034	J	0.036	U
2-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.0037	J
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
3-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.075	U	0.067	U	0.066	U	0.071	U
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.0057	J	0.012	J	0.0069	J	0.0084	J	0.013	J
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
ACETOPHENONE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.0093	J	0.033	U	0.036	U
ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
ATRAZINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
CAPROLACTAM	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
CARBAZOLE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
CHRYSENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.0069	J	0.014	J	0.0086	J	0.0078	J	0.013	J
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.7		N/A	N/A	0.77		4.4		---	NA	---	NA	1.1	
(3-AND/OR 4-)METHYLPHENOL	0.0085	J	N/A	N/A	0.036	U	0.038	U	0.076	U	0.0078	J	0.0071	J
1,1-BIPHENYL	0.024	J	N/A	N/A	0.0071	J	0.016	J	0.014	J	0.012	J	0.0048	J
1,2,4-TRICHLOROBENZENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,3,4,6-TETRACHLOROPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,4,5-TRICHLOROPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,4,6-TRICHLOROPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,4-DICHLOROPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,4-DIMETHYLPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,4-DINITROPHENOL	0.12	U	N/A	N/A	0.072	U	0.076	U	0.15	U	0.075	U	0.075	U
2,4-DINITROTOLUENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2,6-DINITROTOLUENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2-CHLORONAPHTHALENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2-CHLOROPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2-METHYL-4,6-DINITROPHENOL	0.12	U	N/A	N/A	0.072	U	0.076	U	0.15	U	0.075	U	0.075	U
2-METHYLNAPHTHALENE	0.2		N/A	N/A	0.054		0.12		0.12		0.12		0.059	
2-METHYLPHENOL	0.058	U	N/A	N/A	0.036	U	0.0048	J	0.076	U	0.0067	J	0.038	U
2-NITROANILINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
2-NITROPHENOL	0.058	U	N/A	N/A	0.036	U	0.047		0.076	U	0.038	U	0.038	U
3,3'-DICHLOROBENZIDINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
3-NITROANILINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-BROMOPHENYL PHENYL ETHER	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-CHLORO-3-METHYLPHENOL	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-CHLOROANILINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-CHLOROPHENYL PHENYL ETHER	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-NITROANILINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
4-NITROPHENOL	0.12	U	N/A	N/A	0.01	J	0.041	J	0.15	U	0.075	U	0.075	U
ACENAPHTHENE	0.048	J	N/A	N/A	0.013	J	0.037	J	0.026	J	0.027	J	0.0073	J
ACENAPHTHYLENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
ACETOPHENONE	0.14		N/A	N/A	0.058		0.038	U	0.076	U	0.038	U	0.038	U
ANTHRACENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
ATRAZINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZALDEHYDE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZO(A)ANTHRACENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZO(B)FLUORANTHENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZO(GHI)PERYLENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZO(K)FLUORANTHENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZO-A-PYRENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BENZYL BUTYL PHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BIS(2-CHLOROETHOXY)METHANE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BIS(2-CHLOROETHYL) ETHER	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BIS(2-CHLOROISOPROPYL) ETHER	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
CAPROLACTAM	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
CARBAZOLE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
CHRYSENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
DIBENZO(A,H)ANTHRACENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
DIBENZOFURAN	0.049	J	N/A	N/A	0.015	J	0.036	J	0.026	J	0.023	J	0.0056	J
DIETHYL PHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
DIMETHYL PHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	3.3		2.7		3.4		0.65		0.86		0.59		0.68	J
(3-AND/OR 4-)METHYLPHENOL	0.0045	J	0.012	J	0.014	J	0.0064	J	0.034	U	0.032	UJ	0.013	J
1,1-BIPHENYL	0.013	J	0.017	J	0.025	J	0.0064	J	0.034	U	0.032	UJ	0.0081	J
1,2,4-TRICHLOROBENZENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,3,4,6-TETRACHLOROPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,4,5-TRICHLOROPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,4,6-TRICHLOROPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,4-DICHLOROPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,4-DIMETHYLPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,4-DINITROPHENOL	0.073	U	0.069	U	0.074	U	0.068	U	0.068	U	0.065	UJ	0.068	U
2,4-DINITROTOLUENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2,6-DINITROTOLUENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2-CHLORONAPHTHALENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2-CHLOROPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2-METHYL-4,6-DINITROPHENOL	0.073	U	0.069	U	0.074	U	0.068	U	0.068	U	0.065	UJ	0.068	U
2-METHYLNAPHTHALENE	0.13		0.12		0.19		0.046		0.019	J	0.018	J	0.051	
2-METHYLPHENOL	0.036	U	0.0044	J	0.019	J	0.0049	J	0.034	U	0.032	UJ	0.0063	J
2-NITROANILINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
2-NITROPHENOL	0.036	U	0.05	J	0.029	J	0.034	U	0.034	U	0.032	UJ	0.034	U
3,3'-DICHLOROBENZIDINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
3-NITROANILINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-BROMOPHENYL PHENYL ETHER	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-CHLORO-3-METHYLPHENOL	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-CHLOROANILINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-CHLOROPHENYL PHENYL ETHER	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-NITROANILINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
4-NITROPHENOL	0.073	U	0.069	U	0.074	U	0.068	U	0.068	U	0.065	UJ	0.068	U
ACENAPHTHENE	0.02	J	0.017	J	0.029	J	0.01	J	0.034	U	0.032	UJ	0.034	U
ACENAPHTHYLENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
ACETOPHENONE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
ANTHRACENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
ATRAZINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZALDEHYDE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZO(A)ANTHRACENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZO(B)FLUORANTHENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZO(GHI)PERYLENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZO(K)FLUORANTHENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZO-A-PYRENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BENZYL BUTYL PHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BIS(2-CHLOROETHOXY)METHANE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BIS(2-CHLOROETHYL) ETHER	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BIS(2-CHLOROISOPROPYL) ETHER	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
CAPROLACTAM	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
CARBAZOLE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
CHRYSENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
DIBENZO(A,H)ANTHRACENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
DIBENZOFURAN	0.019	J	0.021	J	0.027	J	0.0095	J	0.034	U	0.032	UJ	0.0046	J
DIETHYL PHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
DIMETHYL PHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2		12		---	NA	1.1	J	N/A	N/A	1.2		1.2	
(3-AND/OR 4-)METHYLPHENOL	0.025	J	0.0047	J	N/A	N/A	0.032	U	N/A	N/A	0.0048	J	0.039	U
1,1-BIPHENYL	0.009	J	0.0075	J	N/A	N/A	0.01	J	N/A	N/A	0.0054	J	0.0077	J
1,2,4-TRICHLOROBENZENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,3,4,6-TETRACHLOROPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,4,5-TRICHLOROPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,4,6-TRICHLOROPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,4-DICHLOROPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,4-DIMETHYLPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,4-DINITROPHENOL	0.062	U	0.073	U	N/A	N/A	0.062	U	N/A	N/A	0.035	U	0.077	U
2,4-DINITROTOLUENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2,6-DINITROTOLUENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2-CHLORONAPHTHALENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2-CHLOROPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2-METHYL-4,6-DINITROPHENOL	0.0085	J	0.073	U	N/A	N/A	0.062	U	N/A	N/A	0.035	U	0.077	U
2-METHYLNAPHTHALENE	0.053		0.051		N/A	N/A	0.079		N/A	N/A	0.035	J	0.06	JN
2-METHYLPHENOL	0.016	J	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2-NITROANILINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
2-NITROPHENOL	0.013	J	0.023	J	N/A	N/A	0.032	U	N/A	N/A	0.0092	J	0.039	U
3,3'-DICHLOROBENZIDINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
3-NITROANILINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-BROMOPHENYL PHENYL ETHER	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-CHLORO-3-METHYLPHENOL	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-CHLOROANILINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-CHLOROPHENYL PHENYL ETHER	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-NITROANILINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
4-NITROPHENOL	0.017	J	0.073	U	N/A	N/A	0.062	U	N/A	N/A	0.035	U	0.077	U
ACENAPHTHENE	0.0034	J	0.037	U	N/A	N/A	0.023	J	N/A	N/A	0.005	J	0.01	JN
ACENAPHTHYLENE	0.0074	J	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
ACETOPHENONE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.1		0.039	U
ANTHRACENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
ATRAZINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZALDEHYDE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZO(A)ANTHRACENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZO(B)FLUORANTHENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZO(GHI)PERYLENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZO(K)FLUORANTHENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZO-A-PYRENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BENZYL BUTYL PHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BIS(2-CHLOROETHOXY)METHANE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BIS(2-CHLOROETHYL) ETHER	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BIS(2-CHLOROISOPROPYL) ETHER	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
CAPROLACTAM	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
CARBAZOLE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
CHRYSENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
DIBENZO(A,H)ANTHRACENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
DIBENZOFURAN	0.0066	J	0.0056	J	N/A	N/A	0.016	J	N/A	N/A	0.0049	J	0.0083	J
DIETHYL PHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
DIMETHYL PHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	N/A	N/A	1.3		1.2		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
1,1-BIPHENYL	0.0076	J	N/A	N/A	0.012	J	0.0076	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,4-DICHLOROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,4-DINITROPHENOL	0.072	U	N/A	N/A	0.078	U	0.075	U	N/A	N/A
2,4-DINITROTOLUENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2,6-DINITROTOLUENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2-CHLORONAPHTHALENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2-CHLOROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.012	J	N/A	N/A	0.078	U	0.075	U	N/A	N/A
2-METHYLNAPHTHALENE	0.047		N/A	N/A	0.064		0.063		N/A	N/A
2-METHYLPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2-NITROANILINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
2-NITROPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
3-NITROANILINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-CHLOROANILINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-NITROANILINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
4-NITROPHENOL	0.072	U	N/A	N/A	0.078	U	0.075	U	N/A	N/A
ACENAPHTHENE	0.0092	J	N/A	N/A	0.03	J	0.014	J	N/A	N/A
ACENAPHTHYLENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
ACETOPHENONE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
ANTHRACENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
ATRAZINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZALDEHYDE	0.13	J	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZO(A)ANTHRACENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.036	UJ	N/A	N/A	0.0044	J	0.037	U	N/A	N/A
BENZO(GHI)PERYLENE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZO-A-PYRENE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
CAPROLACTAM	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
CARBAZOLE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
CHRYSENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
DIBENZOFURAN	0.036	J	N/A	N/A	0.025	J	0.014	J	N/A	N/A
DIETHYL PHTHALATE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
DIMETHYL PHTHALATE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
FLUORANTHENE	N/A	N/A	N/A	N/A	0.017	J	0.0086	J	0.0053	J	0.0076	J	0.0071	J
FLUORENE	N/A	N/A	N/A	N/A	0.0059	J	0.037	U	0.0072	J	0.0067	J	0.0098	J
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
ISOPHORONE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
NAPHTHALENE	N/A	N/A	N/A	N/A	0.041		0.14		0.062		0.074		0.19	
NITROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.037	U	0.033	U	0.033	U	0.036	U
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.075	U	0.067	U	0.066	U	0.071	U
PHENANTHRENE	N/A	N/A	N/A	N/A	0.032	J	0.03	J	0.019	J	0.023	J	0.028	J
PHENOL	N/A	N/A	N/A	N/A	0.034	U	0.037		0.018	J	0.033	U	0.0053	J
PYRENE	N/A	N/A	N/A	N/A	0.012	J	0.0048	J	0.033	U	0.0057	J	0.0043	J

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
DI-N-OCTYLPHTHALATE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
FLUORANTHENE	0.025	J	N/A	N/A	0.0063	J	0.016	J	0.0097	J	0.0091	J	0.038	U
FLUORENE	0.037	J	N/A	N/A	0.0096	J	0.028	J	0.02	J	0.019	J	0.0052	J
HEXACHLOROBENZENE (HCB)	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
HEXACHLOROBUTADIENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
HEXACHLOROETHANE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
INDENO (1,2,3-CD) PYRENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
ISOPHORONE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
NAPHTHALENE	0.26		N/A	N/A	0.12		0.29		0.24		0.21		0.081	
NITROBENZENE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
N-NITROSODI-N-PROPYLAMINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.058	U	N/A	N/A	0.036	U	0.038	U	0.076	U	0.038	U	0.038	U
PENTACHLOROPHENOL	0.12	U	N/A	N/A	0.072	U	0.076	U	0.15	U	0.075	U	0.075	U
PHENANTHRENE	0.097		N/A	N/A	0.027	J	0.061		0.049	J	0.036	J	0.011	J
PHENOL	0.013	J	N/A	N/A	0.036	U	0.014	J	0.076	U	0.022	J	0.016	J
PYRENE	0.012	J	N/A	N/A	0.0038	J	0.0067	J	0.076	U	0.0043	J	0.038	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
DI-N-OCTYLPHTHALATE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
FLUORANTHENE	0.011	J	0.008	J	0.018	J	0.0049	J	0.034	U	0.032	UJ	0.034	U
FLUORENE	0.016	J	0.014	J	0.02	J	0.0083	J	0.034	U	0.032	UJ	0.0035	J
HEXACHLOROBENZENE (HCB)	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
HEXACHLOROBUTADIENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
HEXACHLOROETHANE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
INDENO (1,2,3-CD) PYRENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
ISOPHORONE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
NAPHTHALENE	0.19		0.2		0.44		0.09		0.038		0.036	J	0.12	
NITROBENZENE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
N-NITROSODI-N-PROPYLAMINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.036	U	0.034	U	0.037	U	0.034	U	0.034	U	0.032	UJ	0.034	U
PENTACHLOROPHENOL	0.073	U	0.069	U	0.074	U	0.068	U	0.068	U	0.065	UJ	0.068	U
PHENANTHRENE	0.04		0.028	J	0.055		0.02	J	0.034	U	0.032	UJ	0.0074	J
PHENOL	0.055		0.024	J	0.037	U	0.012	J	0.02	J	0.032	UJ	0.036	
PYRENE	0.0069	J	0.0051	J	0.014	J	0.034	U	0.034	U	0.032	UJ	0.034	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
DI-N-OCTYLPHTHALATE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
FLUORANTHENE	0.0042	J	0.0047	J	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.0075	J
FLUORENE	0.006	J	0.0041	J	N/A	N/A	0.01	J	N/A	N/A	0.0043	J	0.0077	J
HEXACHLOROBENZENE (HCB)	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
HEXACHLOROBUTADIENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
HEXACHLOROETHANE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
INDENO (1,2,3-CD) PYRENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
ISOPHORONE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
NAPHTHALENE	0.14		0.13		N/A	N/A	0.25		N/A	N/A	0.073		0.13	
NITROBENZENE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
N-NITROSODI-N-PROPYLAMINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.031	U	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.039	U
PENTACHLOROPHENOL	0.062	U	0.073	U	N/A	N/A	0.062	U	N/A	N/A	0.035	U	0.077	U
PHENANTHRENE	0.016	J	0.012	J	N/A	N/A	0.011	J	N/A	N/A	0.011	J	0.019	J
PHENOL	0.044		0.1		N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.076	
PYRENE	0.0042	J	0.037	U	N/A	N/A	0.032	U	N/A	N/A	0.035	U	0.0051	J

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
FLUORANTHENE	0.0036	J	N/A	N/A	0.0074	J	0.037	U	N/A	N/A
FLUORENE	0.0077	J	N/A	N/A	0.022	J	0.011	J	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
HEXACHLOROBUTADIENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
HEXACHLOROETHANE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.036	UJ	N/A	N/A	0.039	U	0.037	U	N/A	N/A
ISOPHORONE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
NAPHTHALENE	0.13		N/A	N/A	0.2		0.21		N/A	N/A
NITROBENZENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
PENTACHLOROPHENOL	0.038	J	N/A	N/A	0.078	U	0.075	U	N/A	N/A
PHENANTHRENE	0.036	U	N/A	N/A	0.043		0.021	J	N/A	N/A
PHENOL	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A
PYRENE	0.036	U	N/A	N/A	0.039	U	0.037	U	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.2	J	8.5	J	4.1	J	15		N/A	N/A	N/A	N/A	5	
1,1,1,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
1,1,1-TRICHLOROETHANE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.69	J	0.38	J	0.55	J	---	NA	N/A	N/A	N/A	N/A	0.6	J
1,1,2-TRICHLOROETHANE	1.8	UJ	1.8	UJ	0.34	J	2.5	U	N/A	N/A	N/A	N/A	1.8	U
1,1-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
1,1-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
1,2,3-TRICHLOROBENZENE	2.4	UJ	2.2	UJ	2.5	UJ	2.5	U	N/A	N/A	N/A	N/A	2.4	U
1,2,3-TRICHLOROPROPANE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	N/A	N/A	N/A	N/A	1.8	U
1,2,4-TRIMETHYLBENZENE	0.36	J	2.1	J	2.4	J	3		N/A	N/A	N/A	N/A	1.4	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	UJ	2.9	UJ	3.1	UJ	2.5	U	N/A	N/A	N/A	N/A	3	U
1,2-DIBROMOETHANE (EDB)	2.4	UJ	2.2	UJ	2.5	UJ	2.5	U	N/A	N/A	N/A	N/A	2.4	U
1,2-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	N/A	N/A	N/A	N/A	1.8	U
1,2-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
1,2-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	UJ	2	UJ	2.1	UJ	---	NA	N/A	N/A	N/A	N/A	2.1	U
1,3,5-TRIMETHYLBENZENE	1.5	UJ	0.45	J	0.71	J	4.9		N/A	N/A	N/A	N/A	0.51	J
1,3-BUTADIENE	0.59	UJ	0.38	J	1.4	J	2.5	U	N/A	N/A	N/A	N/A	0.6	U
1,3-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	N/A	N/A	N/A	N/A	1.8	U
1,3-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
1,4-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	N/A	N/A	N/A	N/A	1.8	U
2,2-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	UJ	3.8	J	5.4	J	---	NA	N/A	N/A	N/A	N/A	2.8	
ACETONE	7.1	J	44	J	24	J	---	NA	N/A	N/A	N/A	N/A	35	
ACRYLONITRILE	0.59	UJ	3.2	UJ	4	UJ	---	NA	N/A	N/A	N/A	N/A	0.6	U
BENZENE	1.1	J	4.9	J	1.4	J	10		N/A	N/A	N/A	N/A	2.5	
BROMOBENZENE	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
BROMOCHLOROMETHANE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
BROMODICHLOROMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
BROMOFORM	9.4	UJ	9.1	UJ	9.8	UJ	2.5	U	N/A	N/A	N/A	N/A	9.6	U
BROMOMETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
BUTYL ACRYLATE	15	UJ	14	UJ	15	UJ	---	NA	N/A	N/A	N/A	N/A	15	U
CARBON DISULFIDE	0.88	UJ	4	UJ	10	UJ	2.5	U	N/A	N/A	N/A	N/A	4.5	U
CARBON TETRACHLORIDE	0.59	J	0.49	J	0.54	J	2.5	U	N/A	N/A	N/A	N/A	0.66	J
CHLOROBENZENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
CHLORODIFLUOROMETHANE	12	J	22	J	7.8	J	---	NA	N/A	N/A	N/A	N/A	3.5	
CHLOROETHANE	0.88	UJ	0.86	UJ	0.92	UJ	2.5	U	N/A	N/A	N/A	N/A	0.9	U
CHLOROFORM	1.5	UJ	0.58	J	0.65	J	2.5	U	N/A	N/A	N/A	N/A	0.65	J
CHLOROMETHANE	1.2	J	0.62	J	1.1	J	2.5	U	N/A	N/A	N/A	N/A	1	
CIS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
CIS-1,3-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
CYCLOHEXANE	0.32	J	3.9	J	2.2	J	---	NA	N/A	N/A	N/A	N/A	6	U
DIBROMOCHLOROMETHANE	2.6	UJ	2.6	UJ	2.8	UJ	2.5	U	N/A	N/A	N/A	N/A	2.8	U
DIBROMOMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
DICHLORODIFLUOROMETHANE	3.2	J	2	J	2.4	J	22	J	N/A	N/A	N/A	N/A	2.8	
ETHYL ACRYLATE	1.2	UJ	5.8	UJ	6.1	UJ	---	NA	N/A	N/A	N/A	N/A	6	U
ETHYL BENZENE	0.39	J	2.8	J	1.4	J	5.3		N/A	N/A	N/A	N/A	1.4	J
HEXACHLORO-1,3-BUTADIENE	3.2	UJ	3.1	UJ	3.4	UJ	2.5	U	N/A	N/A	N/A	N/A	3.2	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	4.4		N/A	N/A	1.8	J	5.2		2.4	AJ	3.4	J	1.3	J
1,1,1,2-TETRACHLOROETHANE	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
1,1,1-TRICHLOROETHANE	1.5	U	N/A	N/A	8.6		1.5	U	0.36	AJ	0.33	J	1.4	U
1,1,2,2-TETRACHLOROETHANE	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.54	J	N/A	N/A	0.71	J	0.66	J	0.85	AJ	0.84	J	0.47	J
1,1,2-TRICHLOROETHANE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
1,1-DICHLOROETHANE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
1,1-DICHLOROPROPENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
1,2,3-TRICHLOROBENZENE	2.5	U	N/A	N/A	2.4	U	2.5	U	2.4	U	2.4	U	2.3	U
1,2,3-TRICHLOROPROPANE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
1,2,4-TRIMETHYLBENZENE	0.89	J	N/A	N/A	0.61	J	1	J	0.74	AJ	0.36	J	0.88	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	3	U	N/A	N/A	3	U	3.1	U	3	U	3	U	2.9	U
1,2-DIBROMOETHANE (EDB)	2.5	U	N/A	N/A	2.4	U	2.5	U	2.4	U	2.4	U	2.3	U
1,2-DICHLOROBENZENE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
1,2-DICHLOROETHANE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
1,2-DICHLOROPROPANE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
1,3,5-TRIMETHYLBENZENE	1.5	U	N/A	N/A	1.5	U	0.36	J	1.5	U	1.5	U	0.31	J
1,3-BUTADIENE	0.5	J	N/A	N/A	0.6	U	1		1.2	A	0.41	J	4.9	
1,3-DICHLOROBENZENE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
1,3-DICHLOROPROPANE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
1,4-DICHLOROBENZENE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
2,2-DICHLOROPROPANE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	2.2		N/A	N/A	1.2	U	6.6		1.2	U	0.32	J	31	
ACETONE	39		N/A	N/A	24	J	61	J	20	A	80		9.4	
ACRYLONITRILE	0.32	J	N/A	N/A	9.4	U	6.9	U	17	U	6	U	8	U
BENZENE	1.5		N/A	N/A	1.2		1.8		2	A	1.9		0.66	J
BROMOBENZENE	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
BROMOCHLOROMETHANE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
BROMODICHLOROMETHANE	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
BROMOFORM	9.8	U	N/A	N/A	9.6	U	9.9	U	9.7	U	9.6	U	9.2	U
BROMOMETHANE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
BUTYL ACRYLATE	19	U	N/A	N/A	15	U	15	U	15	U	15	U	14	U
CARBON DISULFIDE	4.6	U	N/A	N/A	15	U	18	U	4.4	U	5	U	12	U
CARBON TETRACHLORIDE	0.46	J	N/A	N/A	0.68	J	0.7	J	0.78	AJ	0.75	J	0.45	J
CHLOROBENZENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
CHLORODIFLUOROMETHANE	14		N/A	N/A	1.2		19		7.6	A	40		56	
CHLOROETHANE	0.91	U	N/A	N/A	0.9	U	0.92	U	0.91	U	0.88	U	0.86	U
CHLOROFORM	0.35	J	N/A	N/A	1.5	U	0.49	J	1.5	U	0.38	J	0.34	J
CHLOROMETHANE	0.88		N/A	N/A	1.1		1.1		1.8	A	1.4		0.88	
CIS-1,2-DICHLOROETHENE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
CIS-1,3-DICHLOROPROPENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
CYCLOHEXANE	1.2	J	N/A	N/A	6	U	6.1	U	6	U	1.6	J	5.7	U
DIBROMOCHLOROMETHANE	2.8	U	N/A	N/A	2.8	U	2.8	U	2.7	U	2.7	U	2.6	U
DIBROMOMETHANE	2.1	U	N/A	N/A	2.1	U	2.1	U	2.1	U	2.1	U	2	U
DICHLORODIFLUOROMETHANE	2.5		N/A	N/A	3.2		3.6		4.8	AJ	4.4	J	2.9	
ETHYL ACRYLATE	6.1	U	N/A	N/A	6	U	6.1	U	6	U	6	U	1.7	J
ETHYL BENZENE	1.2	J	N/A	N/A	0.52	J	1.5	J	0.6	AJ	1.4	J	0.41	J
HEXACHLORO-1,3-BUTADIENE	3.4	U	N/A	N/A	3.2	U	3.4	U	3.3	U	3.3	U	3.1	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.6	J	2.6	J	1.3	J	2	AJ	1.8	J	0.41	J	2.6	J
1,1,1,2-TETRACHLOROETHANE	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.5	UJ	1.5	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	0.37	J	0.39	J	0.26	J
1,1,2,2-TETRACHLOROETHANE	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.5	UJ	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.51	J	0.52	J	0.64	J	0.65	AJ	0.59	J	0.91	J	0.58	J
1,1,2-TRICHLOROETHANE	1.8	U	1.7	U	1.7	UJ	1.7	UJ	1.2	U	1.2	UJ	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
1,2,3-TRICHLOROBENZENE	2.4	U	2.3	U	2.3	UJ	2.2	UJ	1.7	U	1.7	UJ	1.7	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.7	U	1.7	UJ	1.7	UJ	1.2	U	1.2	UJ	1.3	U
1,2,4-TRIMETHYLBENZENE	0.85	J	0.38	J	0.38	J	0.7	AJ	0.45	J	1	UJ	0.57	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	3	U	2.9	U	2.9	UJ	14	UJ	10	U	10	UJ	2.2	U
1,2-DIBROMOETHANE (EDB)	2.4	U	2.3	U	2.3	UJ	2.2	UJ	1.7	U	1.7	UJ	1.7	U
1,2-DICHLOROBENZENE	1.8	U	1.7	U	1.7	UJ	1.7	UJ	1.2	U	1.2	UJ	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.9	UJ	1.5	U
1,3,5-TRIMETHYLBENZENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
1,3-BUTADIENE	0.76		0.92	J	0.58	UJ	0.56	UJ	0.42	U	0.39	J	0.37	J
1,3-DICHLOROBENZENE	1.8	U	1.7	U	1.7	UJ	1.7	UJ	1.2	U	1.2	UJ	1.3	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
1,4-DICHLOROBENZENE	1.8	U	1.7	U	1.7	UJ	1.7	UJ	1.2	U	1.2	UJ	1.3	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	3.9		1.9		1.2	UJ	1.1	UJ	1.2	J	0.83	UJ	1	
ACETONE	49		33	J	6.9	J	15	AJ	4.5		4.2	J	6.3	
ACRYLONITRILE	3.8	U	6	U	0.58	UJ	4.1	UJ	2.7	U	0.42	UJ	2	U
BENZENE	1.5		2.7		0.88	J	2.1	AJ	1.6		0.79	J	1.9	
BROMOBENZENE	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.5	UJ	1.5	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
BROMODICHLOROMETHANE	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.5	UJ	1.5	U
BROMOFORM	9.5	U	9.2	U	9.2	UJ	8.9	UJ	6.7	U	6.7	UJ	6.9	U
BROMOMETHANE	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
BUTYL ACRYLATE	15	U	14	U	14	UJ	7	UJ	5.2	U	5.2	UJ	1.1	U
CARBON DISULFIDE	16	U	4.3	U	7.5	UJ	4.9	UJ	2.2	U	2.1	UJ	4.3	U
CARBON TETRACHLORIDE	0.6	J	0.59	J	0.58	J	0.61	AJ	0.75	J	0.97	J	0.62	J
CHLOROBENZENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
CHLORODIFLUOROMETHANE	50		17		1.4	J	1.8	AJ	9.7		2.4	J	10	
CHLOROETHANE	0.89	U	0.87	U	0.87	UJ	0.83	UJ	0.62	U	0.62	UJ	0.65	U
CHLOROFORM	1.4	J	0.98	J	1.4	UJ	1.4	UJ	0.38	J	1	UJ	1	U
CHLOROMETHANE	1		1.1		0.95	J	1	AJ	1.7		1.9	J	1.4	
CIS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
CYCLOHEXANE	6	U	5.8	U	5.8	UJ	5.6	UJ	4.2	U	4.2	UJ	0.42	J
DIBROMOCHLOROMETHANE	2.7	U	2.6	U	2.6	UJ	2.5	UJ	1.9	U	1.9	UJ	1.9	U
DIBROMOMETHANE	2.1	U	2	U	2	UJ	1.9	UJ	1.5	U	1.5	UJ	1.5	U
DICHLORODIFLUOROMETHANE	3.1		3.3		3.5	J	2.7	AJ	3.2		4.4	J	2.7	
ETHYL ACRYLATE	6	U	5.8	U	5.8	UJ	5.6	UJ	4.2	U	4.2	UJ	0.84	U
ETHYL BENZENE	0.82	J	0.91	J	0.42	J	0.56	AJ	0.54	J	1	UJ	0.75	J
HEXACHLORO-1,3-BUTADIENE	3.3	U	3.2	U	3.2	UJ	3.1	UJ	2.3	U	2.3	UJ	2.4	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.3		3.3		0.9	AJ	4.6	J	2.4	J	2.6	AJ	4.3	
1,1,1,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
1,1,1-TRICHLOROETHANE	0.22	J	0.25	J	0.28	AJ	0.27	J	0.29	J	1.1	U	1.1	U
1,1,2,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.46	J	0.52	J	0.64	AJ	0.61	J	0.68	J	0.58	AJ	0.42	J
1,1,2-TRICHLOROETHANE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
1,1-DICHLOROETHANE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
1,1-DICHLOROPROPENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	1.6	U	1.7	U	1.7	U	1.7	UJ	1.6	U	1.8	U	1.7	U
1,2,3-TRICHLOROPROPANE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
1,2,4-TRIMETHYLBENZENE	0.72	J	0.99	J	0.31	AJ	1.2	J	0.78	J	0.56	AJ	0.86	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	2.1	U	2.2	U	2.2	UJ	2	U	2.3	U	2.2	U
1,2-DIBROMOETHANE (EDB)	1.6	U	1.7	U	1.7	U	1.7	UJ	1.6	U	1.8	U	1.7	U
1,2-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
1,2-DICHLOROETHANE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
1,2-DICHLOROPROPANE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
1,3,5-TRIMETHYLBENZENE	0.98	U	0.31	J	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
1,3-BUTADIENE	0.31	J	0.43	U	0.43	U	0.22	J	0.4	U	1.8	A	2.7	
1,3-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
1,3-DICHLOROPROPANE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
1,4-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
2,2-DICHLOROPROPANE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.25	J	6.3		0.87	U	3.4	J	4.8		0.9	U	4.3	
ACETONE	20	U	9.1		24	U	23	J	12	J	7.9	AJ	31	U
ACRYLONITRILE	2.2	U	3	U	1.3	U	3.6	UJ	7	U	8.5	U	4.1	U
BENZENE	2		2.4		1.3	A	2.5	J	2.3		0.94	A	1.8	
BROMOBENZENE	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
BROMOCHLOROMETHANE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
BROMODICHLOROMETHANE	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
BROMOFORM	6.3	U	6.8	U	6.9	U	6.9	UJ	6.4	U	7.2	U	6.9	U
BROMOMETHANE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
BUTYL ACRYLATE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
CARBON DISULFIDE	8	U	18	U	1.9	U	6.5	UJ	6	U	5	U	5.5	U
CARBON TETRACHLORIDE	0.46	J	0.55	J	0.68	AJ	0.68	J	0.71	J	0.55	AJ	0.43	J
CHLOROBENZENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	5.2		15		1.6	A	1.7	J	77	J	2.4	AJ	26	J
CHLOROETHANE	0.59	U	0.64	U	0.65	U	0.65	UJ	0.6	U	0.68	U	0.65	U
CHLOROFORM	0.98	U	0.4	J	1.1	U	0.27	J	0.46	J	1.1	U	0.45	J
CHLOROMETHANE	0.99		1.1		1.4	A	1.3	J	1.4		1.2	AJ	0.91	
CIS-1,2-DICHLOROETHENE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
CIS-1,3-DICHLOROPROPENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
CYCLOHEXANE	0.78	U	0.55	J	0.87	U	0.55	J	0.43	J	0.9	U	0.34	J
DIBROMOCHLOROMETHANE	1.8	U	1.9	U	2	U	2	UJ	1.8	U	2	U	2	U
DIBROMOMETHANE	1.4	U	1.5	U	1.5	U	1.5	UJ	1.4	U	1.6	U	1.5	U
DICHLORODIFLUOROMETHANE	2.2		2.5		2.9	A	2.6	J	4.2		2.2	A	2.1	J
ETHYL ACRYLATE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
ETHYL BENZENE	0.68	J	0.98	J	0.28	AJ	1.3	J	0.7	J	0.82	AJ	1.3	
HEXACHLORO-1,3-BUTADIENE	2.2	U	2.3	U	2.4	U	2.4	UJ	2.2	U	2.5	U	2.4	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	2	AJ	1.7	AJ	1	J	N/A	N/A	3.9	
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	0.26	AJ	0.32	AJ	0.34	J	N/A	N/A	0.3	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.6	AJ	0.72	AJ	0.86	J	N/A	N/A	0.64	J
1,1,2-TRICHLOROETHANE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	0.42	J
1,1-DICHLOROETHANE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,2,4-TRIMETHYLBENZENE	0.61	AJ	0.33	AJ	0.32	J	N/A	N/A	1.3	
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.2	U	2.2	U	2.4	UJ	N/A	N/A	2.3	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,2-DICHLOROETHANE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	0.44	U	0.44	U	0.48	UJ	N/A	N/A	0.33	J
1,3-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.89	U	2.7	A	0.95	UJ	N/A	N/A	0.9	U
ACETONE	42	U	60	U	18	J	N/A	N/A	17	
ACRYLONITRILE	6	U	4	U	7	UJ	N/A	N/A	0.45	U
BENZENE	1.5	A	1.8	A	1.8	J	N/A	N/A	2.4	
BROMOBENZENE	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
BROMOFORM	7.1	U	7.1	U	7.6	UJ	N/A	N/A	7.2	U
BROMOMETHANE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
BUTYL ACRYLATE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	9	U	17	U	5.5	UJ	N/A	N/A	3.4	U
CARBON TETRACHLORIDE	0.61	AJ	0.76	AJ	0.82	J	N/A	N/A	0.67	J
CHLOROBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	3.2	A	10	A	2.3	J	N/A	N/A	3.3	
CHLOROETHANE	0.67	U	0.66	U	0.71	UJ	N/A	N/A	0.68	U
CHLOROFORM	1.1	U	0.62	AJ	1.2	UJ	N/A	N/A	1.1	U
CHLOROMETHANE	1.6	A	1.6	A	2.4	J	N/A	N/A	1	
CIS-1,2-DICHLOROETHENE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.89	U	0.26	AJ	0.95	UJ	N/A	N/A	0.64	J
DIBROMOCHLOROMETHANE	2	U	2	U	2.1	UJ	N/A	N/A	2	U
DIBROMOMETHANE	1.6	U	1.5	U	1.7	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	5	A	3.6	A	---	NA	N/A	N/A	1.1	U
ETHYL ACRYLATE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
ETHYL BENZENE	0.59	AJ	0.48	AJ	0.32	J	N/A	N/A	1.1	J
HEXACHLORO-1,3-BUTADIENE	2.4	U	2.4	U	2.6	UJ	N/A	N/A	2.5	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	1.9	J	18	J	9.1	J	---	NA	N/A	N/A	N/A	N/A	14	
ISOPROPYLBENZENE	1.5	UJ	0.51	J	0.41	J	2.5	U	N/A	N/A	N/A	N/A	1.5	U
METHYL ACETATE	0.88	UJ	0.86	UJ	0.79	J	---	NA	N/A	N/A	N/A	N/A	0.9	U
METHYL BUTYL KETONE	5.9	UJ	5.8	UJ	6.1	UJ	---	NA	N/A	N/A	N/A	N/A	6	U
METHYL ETHYL KETONE	1.5	J	15	J	36	J	---	NA	N/A	N/A	N/A	N/A	12	
METHYL ISOBUTYL KETONE	5.9	UJ	2.1	J	0.79	J	---	NA	N/A	N/A	N/A	N/A	7	
METHYL METHACRYLATE	1.2	UJ	3.1	J	1.2	UJ	---	NA	N/A	N/A	N/A	N/A	1.2	U
METHYL T-BUTYL ETHER (MTBE)	0.98	J	14	J	2	J	---	NA	N/A	N/A	N/A	N/A	7.1	
METHYLCYCLOHEXANE	1.2	UJ	7.5	J	1.2	UJ	---	NA	N/A	N/A	N/A	N/A	1.2	U
METHYLENE CHLORIDE	0.51	J	0.86	UJ	0.42	J	2.5	U	N/A	N/A	N/A	N/A	0.9	U
N-BUTYLBENZENE	1.8	UJ	8.6	UJ	9.4	UJ	2.5	U	N/A	N/A	N/A	N/A	9	U
N-PROPYLBENZENE	1.5	UJ	0.52	J	0.44	J	2.5	U	N/A	N/A	N/A	N/A	0.35	J
O-CHLOROTOLUENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
O-XYLENE	0.41	J	2.6	J	1.5	J	3.9		N/A	N/A	N/A	N/A	1.4	J
P-CHLOROTOLUENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
P-ISOPROPYLTOLUENE	1.8	UJ	8.6	UJ	9.4	UJ	2.5	U	N/A	N/A	N/A	N/A	9	U
SEC-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.9	U	2.5	U	N/A	N/A	N/A	N/A	1.8	U
STYRENE	1.2	UJ	5.8	UJ	1.5	J	70	U	N/A	N/A	N/A	N/A	6	U
TERT-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	N/A	N/A	N/A	N/A	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	UJ	2	UJ	2.1	UJ	2.5	U	N/A	N/A	N/A	N/A	2.1	U
TOLUENE	2.5	J	31	J	64	J	56		N/A	N/A	N/A	N/A	31	
TRANS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	N/A	N/A	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.5	U	N/A	N/A	N/A	N/A	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	4.8	UJ	9.4	UJ	8.7	UJ	2.5	U	N/A	N/A	N/A	N/A	7.5	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.8	J	0.9	J	1.1	J	2.5	U	N/A	N/A	N/A	N/A	1.5	J
VINYL CHLORIDE	0.88	UJ	0.86	UJ	0.92	UJ	2.5	U	N/A	N/A	N/A	N/A	0.9	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	6.2		N/A	N/A	62		15		3.6	A	6.3		0.87	J
ISOPROPYLBENZENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
METHYL ACETATE	0.91	U	N/A	N/A	0.9	U	0.92	U	0.42	AJ	2.8		0.86	U
METHYL BUTYL KETONE	6.1	U	N/A	N/A	6	U	6.1	U	6	U	6	U	5.7	U
METHYL ETHYL KETONE	12		N/A	N/A	4.8		21		3.5	AJ	18	J	1.3	
METHYL ISOBUTYL KETONE	6.1	U	N/A	N/A	6	U	2.6	J	6	U	0.91	J	5.7	U
METHYL METHACRYLATE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	18	
METHYL T-BUTYL ETHER (MTBE)	4.1		N/A	N/A	2.1		10		3.2	A	2.8		0.95	J
METHYLCYCLOHEXANE	1.8		N/A	N/A	1.2	U	1.2	U	0.38	AJ	1.3		1.1	U
METHYLENE CHLORIDE	0.91	U	N/A	N/A	0.48	J	0.92	U	1.2	A	0.66	J	0.86	U
N-BUTYLBENZENE	9.1	U	N/A	N/A	9	U	9.2	U	9.1	U	9	U	8.6	U
N-PROPYLBENZENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
O-CHLOROTOLUENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
O-XYLENE	1.2	J	N/A	N/A	0.59	J	1.2	J	0.64	AJ	0.79	J	0.54	J
P-CHLOROTOLUENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
P-ISOPROPYLTOLUENE	9.1	U	N/A	N/A	9	U	9.2	U	9.1	U	9	U	8.6	U
SEC-BUTYLBENZENE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
STYRENE	6.1	U	N/A	N/A	6	U	6.1	U	6	U	6	U	1.2	J
TERT-BUTYLBENZENE	1.9	U	N/A	N/A	1.8	U	1.9	U	1.8	U	1.8	U	1.7	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2.1	U	N/A	N/A	2.1	U	2.1	U	0.38	AJ	2.1	U	2	U
TOLUENE	10		N/A	N/A	9.1		25		13	A	16		48	
TRANS-1,2-DICHLOROETHENE	1.2	U	N/A	N/A	1.2	U	1.2	U	1.2	U	1.2	U	1.1	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	N/A	N/A	1.5	U	1.5	U	1.5	U	1.5	U	1.4	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.6	U	N/A	N/A	6.5	U	7.8	U	7.6	U	7.5	U	7.2	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	N/A	N/A	2		1.9		2.6	AJ	2.3	J	1.1	J
VINYL CHLORIDE	0.91	U	N/A	N/A	0.9	U	0.92	U	0.91	U	0.88	U	0.86	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	4.4		6.1		1.5	J	6.4	AJ	4.4	J	0.83	UJ	3.3	
ISOPROPYLBENZENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
METHYL ACETATE	0.89	U	0.87	U	0.87	UJ	2.8	AJ	0.62	U	0.62	UJ	0.63	U
METHYL BUTYL KETONE	6	U	5.8	U	5.8	UJ	5.6	UJ	4.2	U	4.2	UJ	4.3	U
METHYL ETHYL KETONE	6.5		9.4		1.4	J	3.6	AJ	3.6		3.3	UJ	1.8	J
METHYL ISOBUTYL KETONE	0.82	J	5.8	U	5.8	UJ	5.6	UJ	0.43	J	4.2	UJ	4.3	U
METHYL METHACRYLATE	1.2	U	1.2		1.2	UJ	5.6	UJ	0.52	J	4.2	UJ	0.84	U
METHYL T-BUTYL ETHER (MTBE)	1.7		5.1		1.2	J	2.1	AJ	3.2		0.28	J	1.4	
METHYLCYCLOHEXANE	1	J	0.4	J	1.2	UJ	5.6	UJ	0.57	J	4.2	UJ	0.53	J
METHYLENE CHLORIDE	0.89	U	0.79	J	0.32	J	0.58	AJ	0.38	J	0.62	UJ	0.35	J
N-BUTYLBENZENE	8.9	U	8.7	U	8.7	UJ	8.3	UJ	6.2	U	6.2	UJ	1.3	U
N-PROPYLBENZENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
O-XYLENE	0.78	J	0.88	J	0.42	J	0.62	AJ	0.43	J	5.2	UJ	0.81	J
P-CHLOROTOLUENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
P-ISOPROPYLTOLUENE	8.9	U	8.7	U	8.7	UJ	8.3	UJ	6.2	U	6.2	UJ	1.3	U
SEC-BUTYLBENZENE	1.8	U	1.7	U	1.7	UJ	8.3	UJ	6.2	U	6.2	UJ	1.3	U
STYRENE	6	U	5.8	U	5.8	UJ	5.6	UJ	4.2	U	4.2	UJ	0.84	U
TERT-BUTYLBENZENE	1.8	U	1.7	U	1.7	UJ	8.3	UJ	6.2	U	6.2	UJ	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2.1	U	0.6	J	2	UJ	0.42	AJ	1.5	U	1.5	UJ	1.5	U
TOLUENE	16		14		2.6	J	5.3	AJ	4		1.5	J	6.4	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1.2	UJ	1.1	UJ	0.83	U	0.83	UJ	0.86	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.4	UJ	1	U	1	UJ	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.4	U	7.2	U	7.2	UJ	1.4	UJ	1	U	1	UJ	0.23	J
TRICHLOROFLUOROMETHANE (FREON 11)	1.4	J	1.9		1.7	J	1.4	AJ	2.3		2	J	1.5	
VINYL CHLORIDE	0.89	U	0.87	U	0.87	UJ	0.83	UJ	0.62	U	0.62	UJ	0.65	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	1.1		4.7		0.92	A	4.2	J	3		1.4	A	3	
ISOPROPYLBENZENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
METHYL ACETATE	0.2	J	0.64	U	0.65	U	0.65	UJ	1.6	J	0.68	U	0.65	U
METHYL BUTYL KETONE	3.9	U	4.3	U	4.3	U	4.3	UJ	4	U	4.5	U	4.3	U
METHYL ETHYL KETONE	0.89	J	4.8		6	U	2.3	J	3	J	3.6	AJ	1.3	J
METHYL ISOBUTYL KETONE	3.9	U	2.9	J	4.3	U	4.3	UJ	4	U	0.68	AJ	4.3	U
METHYL METHACRYLATE	0.78	U	1.6		0.87	U	0.87	UJ	1.2		0.9	U	1.5	
METHYL T-BUTYL ETHER (MTBE)	0.91		1.4		0.3	AJ	2	J	2.1		0.6	AJ	1.6	
METHYLCYCLOHEXANE	0.21	J	0.77	J	0.87	U	0.84	J	0.65	J	0.31	AJ	0.51	J
METHYLENE CHLORIDE	0.21	J	0.31	J	0.42	AJ	0.49	J	0.57		0.25	AJ	0.31	J
N-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
N-PROPYLBENZENE	0.44	J	1.1	U	1.1	U	0.23	J	1	U	1.1	U	0.22	J
O-CHLOROTOLUENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
O-XYLENE	0.77		1.1		0.28	AJ	1.4	J	0.77	J	0.65	AJ	1.2	
P-CHLOROTOLUENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
SEC-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
STYRENE	0.78	U	0.6	J	0.87	U	0.23	J	0.25	J	0.9	U	0.33	J
TERT-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.3	UJ	1.2	U	1.4	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.4	J	1.5	U	1.5	U	1.5	UJ	0.22	J	0.32	AJ	1.5	U
TOLUENE	3.8		11		5.9	A	6.7	J	11		4	A	8.7	
TRANS-1,2-DICHLOROETHENE	0.78	U	0.85	U	0.87	U	0.87	UJ	0.8	U	0.9	U	0.87	U
TRANS-1,3-DICHLOROPROPENE	0.98	U	1.1	U	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	0.98	U	2.4	J	1.1	U	1.1	UJ	1	U	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.3		1.4		1.7	A	1.7	J	1.8		1.4	AJ	0.96	J
VINYL CHLORIDE	0.59	U	0.64	U	0.65	U	0.65	UJ	0.6	U	1	A	0.65	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	1.6	A	3.2	A	4	J	N/A	N/A	5.9	
ISOPROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.67	U	0.66	U	0.71	UJ	N/A	N/A	0.68	U
METHYL BUTYL KETONE	4.4	U	4.4	U	4.8	UJ	N/A	N/A	4.5	U
METHYL ETHYL KETONE	9.5	U	9	U	1.5	J	N/A	N/A	2.2	J
METHYL ISOBUTYL KETONE	4.4	U	4.4	U	4.8	UJ	N/A	N/A	1.2	J
METHYL METHACRYLATE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.33	J
METHYL T-BUTYL ETHER (MTBE)	1	A	1.2	A	3.2	J	N/A	N/A	7.4	
METHYLCYCLOHEXANE	0.26	AJ	0.4	AJ	0.95	UJ	N/A	N/A	0.8	J
METHYLENE CHLORIDE	0.29	AJ	0.59	AJ	1.2	J	N/A	N/A	0.68	U
N-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
N-PROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	0.39	J
O-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-XYLENE	0.6	AJ	0.42	AJ	0.29	J	N/A	N/A	1.3	
P-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
SEC-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
STYRENE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
TERT-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.38	AJ	1.5	U	1.7	UJ	N/A	N/A	1.6	U
TOLUENE	3.6	A	3.4	A	3.4	J	N/A	N/A	7.8	
TRANS-1,2-DICHLOROETHENE	0.89	U	0.88	U	0.95	UJ	N/A	N/A	0.9	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.6	A	1.8	A	2.3	J	N/A	N/A	1.6	
VINYL CHLORIDE	0.67	U	0.66	U	0.71	UJ	N/A	N/A	0.68	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	1		4.2		N/A	N/A	N/A	N/A	0.56		0.32	U
ANTIMONY	N/A	N/A	0.0034		0.0093		N/A	N/A	N/A	N/A	0.013	U	0.0063	U
ARSENIC	N/A	N/A	0.0032		0.0016		N/A	N/A	N/A	N/A	0.00088		0.0022	AJ
BARIUM	N/A	N/A	0.018		0.023		N/A	N/A	N/A	N/A	0.0064		0.013	A
BERYLLIUM	N/A	N/A	0.000031		0.000057		N/A	N/A	N/A	N/A	0.000016	U	0.000018	A
BORON	N/A	N/A	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
CADMIUM	N/A	N/A	0.00035	U	0.00033	U	N/A	N/A	N/A	N/A	0.00016	U	0.00038	A
CALCIUM	N/A	N/A	6.6		13		N/A	N/A	N/A	N/A	2.5		3.4	A
CHROMIUM	N/A	N/A	0.0047		0.0074		N/A	N/A	N/A	N/A	0.0026		0.006	A
COBALT	N/A	N/A	0.0029	U	0.0033	U	N/A	N/A	N/A	N/A	0.0016	U	0.0016	U
COPPER	N/A	N/A	0.34		0.14		N/A	N/A	N/A	N/A	0.26		0.34	A
IRON	N/A	N/A	0.89		0.78		N/A	N/A	N/A	N/A	0.24		0.46	A
LEAD	N/A	N/A	0.012		0.014		N/A	N/A	N/A	N/A	0.013	U	0.0079	U
MAGNESIUM	N/A	N/A	0.58		0.81		N/A	N/A	N/A	N/A	0.18		0.44	A
MANGANESE	N/A	N/A	0.025		0.024		N/A	N/A	N/A	N/A	0.0062		0.017	A
MOLYBDENUM	N/A	N/A	0.0017		0.0016	U	N/A	N/A	N/A	N/A	0.0016	U	0.0016	U
NICKEL	N/A	N/A	0.0045		0.0054	J	N/A	N/A	N/A	N/A	0.0027		0.00036	
POTASSIUM	N/A	N/A	0.58	U	0.34		N/A	N/A	N/A	N/A	0.64		0.63	U
SELENIUM	N/A	N/A	0.0024		0.002		N/A	N/A	N/A	N/A	0.013	U	0.0063	U
SILVER	N/A	N/A	0.0029	U	0.0033	U	N/A	N/A	N/A	N/A	0.0016	UJ	0.0016	UJ
SODIUM	N/A	N/A	0.81		1.1		N/A	N/A	N/A	N/A	0.79		0.62	A
STRONTIUM	N/A	N/A	0.0059		0.01		N/A	N/A	N/A	N/A	0.0024		0.0038	A
TELLURIUM	N/A	N/A	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
THALLIUM	N/A	N/A	0.000031		0.000058		N/A	N/A	N/A	N/A	0.000048	U	0.000016	U
TIN	N/A	N/A	0.003	U	0.0038		N/A	N/A	N/A	N/A	0.0064	U	0.0063	U
TITANIUM	N/A	N/A	0.015		0.012		N/A	N/A	N/A	N/A	0.0034		0.0061	A
TOTAL MERCURY	N/A	N/A	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
VANADIUM	N/A	N/A	0.0029	U	0.004		N/A	N/A	N/A	N/A	0.0032	U	0.0016	U
YTTRIUM	N/A	N/A	0.0029	U	0.0033	U	N/A	N/A	N/A	N/A	0.00096	U	0.00095	U
ZINC	N/A	N/A	0.12	U	0.046		N/A	N/A	N/A	N/A	0.045		0.062	A
ZIRCONIUM	N/A	N/A	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.72	U	N/A	N/A	0.51		0.61	U	0.62	U	0.63	U	0.6	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	0.54		N/A	N/A	0.31		1.3		0.61	U	0.45		0.23	
ANTIMONY	0.0064	U	N/A	N/A	0.0059	U	0.013	J	0.0013		0.0036		0.00029	U
ARSENIC	0.0012		N/A	N/A	0.0024		0.0018		0.0023		0.0017		0.00064	
BARIUM	0.013		N/A	N/A	0.0092		0.016		0.019		0.014		0.0086	
BERYLLIUM	0.00003		N/A	N/A	0.000029	U	0.00003	U	0.00003	U	0.00015	U	0.00014	U
BORON	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.0002		N/A	N/A	0.0013		0.00075	U	0.00067	U	0.0002		0.00052	J
CALCIUM	2.8		N/A	N/A	2.3		5.1		4.4		3.2		2.9	
CHROMIUM	0.0038		N/A	N/A	0.0076		0.0038		0.0053		0.0034		0.0035	
COBALT	0.0016	U	N/A	N/A	0.0015	U	0.0015	U	0.003	U	0.003	U	0.0029	U
COPPER	0.38		N/A	N/A	0.23		0.45		0.62		0.57		0.42	
IRON	0.45		N/A	N/A	0.35		0.64		0.89		0.5		0.54	
LEAD	0.0064	U	N/A	N/A	0.007	U	0.011		0.0092		0.0096		0.0063	J
MAGNESIUM	0.3		N/A	N/A	0.32		0.54		0.48		0.37		0.32	
MANGANESE	0.013		N/A	N/A	0.017		0.028		0.024		0.013		0.012	
MOLYBDENUM	0.0016	U	N/A	N/A	0.0015	U	0.0018		0.0026		0.0015	U	0.0014	U
NICKEL	0.00061		N/A	N/A	0.0048		0.0039		0.0046		0.0046		0.0068	J
POTASSIUM	0.64	U	N/A	N/A	0.18		0.24		0.61	U	0.6	U	0.57	U
SELENIUM	0.0064	U	N/A	N/A	0.0029	U	0.006	U	0.0061	U	0.006	U	0.0057	U
SILVER	0.0016	UJ	N/A	N/A	0.0015	UJ	0.003	UJ	0.03	UJ	0.003	UJ	0.0029	UJ
SODIUM	0.73		N/A	N/A	0.78		0.75	U	1.5	U	1.2		0.71	
STRONTIUM	0.0053		N/A	N/A	0.0051		0.0062		0.0047		0.0041		0.0029	U
TELLURIUM	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000016	U	N/A	N/A	0.000029	U	0.000094		0.00003	U	0.000067		0.000029	U
TIN	0.0064	U	N/A	N/A	0.0059	U	0.0061		0.003	U	0.003	U	0.0029	U
TITANIUM	0.01		N/A	N/A	0.0093		0.01		0.061	U	0.007		0.0051	
TOTAL MERCURY	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0017		N/A	N/A	0.0015	U	0.0015	U	0.003	U	0.003	U	0.0029	U
YTTRIUM	0.00097	U	N/A	N/A	0.00088	U	0.0009	U	0.003	U	0.003	U	0.0029	U
ZINC	0.063		N/A	N/A	0.086		0.089		0.12		0.054		0.054	
ZIRCONIUM	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.63	U	N/A	N/A	N/A	N/A	N/A	N/A	0.66	U	0.62	U	0.64	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	4.7	A	1.5	A	4.1	A	0.12	A	0.3	A	0.23	AJ	0.3	A
ANTIMONY	0.019	J	0.014	AJ	0.026	A	0.0057	U	0.012	U	0.0057	U	0.011	U
ARSENIC	0.0019	A	0.0033	A	0.0027	A	0.0012	A	0.00067	A	0.0014	AJ	0.0012	AJ
BARIUM	0.035	A	0.021	A	0.032	A	0.0073	A	0.0098	A	0.0047	A	0.0081	A
BERYLLIUM	0.000042	A	0.000052	A	0.000072	A	0.000029	U	0.000018	A	0.000014	U	0.000015	A
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00027	A	0.00074	A	0.0013	J	0.00063	U	0.0014	U	0.0014	U	0.0014	U
CALCIUM	7.4	A	8.3	A	20	A	1.2	A	4.3	A	1	A	1.3	A
CHROMIUM	0.004	A	0.0053	A	0.0052	A	0.003	A	0.0028	A	0.0035	A	0.0025	A
COBALT	0.0015	U	0.0015	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
COPPER	0.28	A	0.27	A	0.39	A	0.4	A	0.23	A	0.083	A	0.29	A
IRON	1.1	A	2	A	1.3	A	0.37	A	0.47	A	0.26	A	0.21	A
LEAD	0.014	AJ	0.033	A	0.029	U	0.029	U	0.012	U	0.007	U	0.01	U
MAGNESIUM	0.58	A	0.45	A	1.1	A	0.14	U	0.47	A	0.14	U	0.14	U
MANGANESE	0.022	A	0.028	A	0.05	A	0.0095	A	0.012	A	0.006	A	0.0045	A
MOLYBDENUM	0.0015	U	0.0015	U	0.0016	A	0.0014	U	0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0039	A	0.0045	A	0.0051	A	0.002	A	0.0024	AJ	0.003	AJ	0.0028	A
POTASSIUM	0.6	U	0.59	U	0.57	U	0.57	U	0.58	U	0.57	U	0.57	U
SELENIUM	0.0016	U	0.03	U	0.0057	UJ	0.0057	UJ	0.012	U	0.0028	U	0.011	U
SILVER	0.0015	UJ	0.0015	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.4	A	1	A	1.2	A	0.72	A	0.75	A	0.98	A	0.82	A
STRONTIUM	0.008	A	0.011	A	0.015	A	0.0018	A	0.0049	A	0.002	AJ	0.0028	A
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.003	U	0.0003	U	0.000062	A	0.000029	U	0.000072	U	0.000071	U	0.000071	U
TIN	0.0079	A	0.0082	A	0.0081	A	0.0057	U	0.012	U	0.0057	U	0.011	U
TITANIUM	0.012	A	0.016	A	0.024	A	0.0034	A	0.0062	A	0.0034	A	0.0054	A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0036	A	0.0026	A	0.0036	A	0.0014	U	0.0014	U	0.0014	U	0.0014	U
YTTRIUM	0.0009	U	0.00089	U	0.00086	U	0.00086	U	0.00087	U	0.00085	U	0.00085	U
ZINC	0.076	A	0.067	AJ	0.091	A	0.061	AJ	0.071	AJ	0.06	A	0.053	AJ
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	---	NA	0.61	U	0.62	U	0.63	U	0.62	U	0.63	U	0.63	U
HF (CALCULATED FROM F)	---	NA	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.17	A	1.3	A	---	NA	0.17	A	N/A	N/A	0.3	A	N/A	N/A
ANTIMONY	0.011	U	0.0059	U	---	NA	0.00041	A	N/A	N/A	0.00084	A	N/A	N/A
ARSENIC	0.0023	A	0.0011	A	---	NA	0.00049	A	N/A	N/A	0.0014	A	N/A	N/A
BARIUM	0.012	A	0.011	A	---	NA	0.0098	A	N/A	N/A	0.012	A	N/A	N/A
BERYLLIUM	0.00002	A	0.000027		---	NA	0.000015	U	N/A	N/A	0.00014	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	N/A	N/A
CADMIUM	0.0014	U	0.0015	U	---	NA	0.00071	U	N/A	N/A	0.00029	U	N/A	N/A
CALCIUM	2.6	A	3.3	A	---	NA	3.3	A	N/A	N/A	3.2	A	N/A	N/A
CHROMIUM	0.0039	A	0.003	A	---	NA	0.0035	A	N/A	N/A	0.004	A	N/A	N/A
COBALT	0.0014	U	0.0015	U	---	NA	0.0014	U	N/A	N/A	0.0014	U	N/A	N/A
COPPER	0.4	A	0.51	A	---	NA	0.27	A	N/A	N/A	0.22	A	N/A	N/A
IRON	0.46	A	0.38	A	---	NA	0.34	A	N/A	N/A	0.49	A	N/A	N/A
LEAD	0.021	A	0.025	U	---	NA	0.01	U	N/A	N/A	0.0096	A	N/A	N/A
MAGNESIUM	0.27	A	0.23	A	---	NA	0.46	A	N/A	N/A	0.52	A	N/A	N/A
MANGANESE	0.011		0.0081	A	---	NA	0.01	A	N/A	N/A	0.013	A	N/A	N/A
MOLYBDENUM	0.003	U	0.0015	U	---	NA	0.0014	U	N/A	N/A	0.0029	A	N/A	N/A
NICKEL	0.0038	A	0.0024	A	---	NA	0.0026	A	N/A	N/A	0.0083	A	N/A	N/A
POTASSIUM	0.57	U	0.59	U	---	NA	0.57	U	N/A	N/A	0.58	U	N/A	N/A
SELENIUM	0.011	U	0.003	U	---	NA	0.00075	A	N/A	N/A	0.004	A	N/A	N/A
SILVER	0.0014	UJ	0.0015	U	---	NA	0.0014	U	N/A	N/A	0.0014	UJ	N/A	N/A
SODIUM	2.8	A	2.2	A	---	NA	0.84	A	N/A	N/A	1.1	A	N/A	N/A
STRONTIUM	0.0047	A	0.0042	A	---	NA	0.0035	A	N/A	N/A	0.0066	A	N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	N/A	N/A
THALLIUM	0.000071	U	0.000074	U	---	NA	0.000071	U	N/A	N/A	0.00014	U	N/A	N/A
TIN	0.011	U	0.0059	U	---	NA	0.0057	U	N/A	N/A	0.0073	U	N/A	N/A
TITANIUM	0.0062	A	0.0091	A	---	NA	0.0047	A	N/A	N/A	0.0086	A	N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	N/A	N/A
VANADIUM	0.0014	U	0.0015	U	---	NA	0.0014	U	N/A	N/A	0.0022	A	N/A	N/A
YTTRIUM	0.00086	U	0.00089	U	---	NA	0.00086	U	N/A	N/A	0.00087	U	N/A	N/A
ZINC	0.087	AJ	0.061	A	---	NA	0.04	AJ	N/A	N/A	0.055	AJ	N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	N/A	N/A

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.63	U	0.65	U	N/A	N/A	0.63	U	N/A	N/A	1.3	U	1.2	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	N/A	N/A	0.32	U	N/A	N/A	0.65	U	0.64	U

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	0.29	A	N/A	N/A	0.41	A	0.42	A	N/A	N/A
ANTIMONY	0.00057	A	N/A	N/A	0.00048	A	0.00059	A	N/A	N/A
ARSENIC	0.00093	A	N/A	N/A	0.00079	A	0.00085	A	N/A	N/A
BARIUM	0.013	A	N/A	N/A	0.015	A	0.018	A	N/A	N/A
BERYLLIUM	0.00014	U	N/A	N/A	0.00015	U	0.00014	U	N/A	N/A
BORON	---	NA	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.00028	A	N/A	N/A	0.00032	A	0.00018	A	N/A	N/A
CALCIUM	4.3	A	N/A	N/A	5.3	A	4.7	A	N/A	N/A
CHROMIUM	0.0039	A	N/A	N/A	0.0036	A	0.0038	A	N/A	N/A
COBALT	0.0014	U	N/A	N/A	0.00074	U	0.00072	U	N/A	N/A
COPPER	0.39	A	N/A	N/A	0.49	A	0.91	A	N/A	N/A
IRON	0.68	A	N/A	N/A	0.63	A	0.8	A	N/A	N/A
LEAD	0.007	A	N/A	N/A	0.0074	U	0.0075	A	N/A	N/A
MAGNESIUM	0.55	A	N/A	N/A	0.57	A	0.62	A	N/A	N/A
MANGANESE	0.024	A	N/A	N/A	0.023	A	0.028	A	N/A	N/A
MOLYBDENUM	0.0014	U	N/A	N/A	0.0015	U	0.0014	U	N/A	N/A
NICKEL	0.0037	A	N/A	N/A	0.0032	A	0.0033	A	N/A	N/A
POTASSIUM	0.58	U	N/A	N/A	0.29	U	0.29	U	N/A	N/A
SELENIUM	0.0031	A	N/A	N/A	0.00089	A	0.0015	A	N/A	N/A
SILVER	0.0014	UJ	N/A	N/A	0.00026	A	0.0029	UJ	N/A	N/A
SODIUM	0.7	A	N/A	N/A	0.7	A	0.76	A	N/A	N/A
STRONTIUM	0.0049	A	N/A	N/A	0.0066	A	0.0059	A	N/A	N/A
TELLURIUM	---	NA	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00014	U	N/A	N/A	0.00015	U	0.00014	U	N/A	N/A
TIN	0.0072	U	N/A	N/A	0.003	U	0.0029	U	N/A	N/A
TITANIUM	0.001	A	N/A	N/A	0.011	A	0.012	A	N/A	N/A
TOTAL MERCURY	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
VANADIUM	0.0014	U	N/A	N/A	0.0011	A	0.001	A	N/A	N/A
YTTRIUM	0.00087	U	N/A	N/A	0.00044	U	0.00043	U	N/A	N/A
ZINC	0.06	AJ	N/A	N/A	0.048	A	0.056	A	N/A	N/A
ZIRCONIUM	---	NA	N/A	N/A	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.3	U	N/A	N/A	1.2	U	1.2	U	N/A	N/A
HF (CALCULATED FROM F)	0.65	U	N/A	N/A	0.64	U	0.64	U	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00007	J	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	J	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000046	J	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00028		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00004	JN	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000045	JN	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000076	JN	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00025		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00038	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000046	JN	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00026		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00025		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000072	J	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00076	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0000096	JN	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000031	JN	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000025	JN	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00004	JN	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0022	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0022	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0022	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0022	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0022	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.015	U	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0004	U	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A1. Analytical Data
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	N/A	N/A	2.5		3.8		1.1		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.0038	J	0.0041	J	0.033	UJ	0.0056	J
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.034	U	0.0048	J	0.0047	J	0.0037	J	0.0085	J
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.067	UJ	0.073	UJ	0.066	UJ	0.066	U
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.067	UJ	0.073	UJ	0.066	UJ	0.066	U
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.021	J	0.026	J	0.031	J	0.021	J	0.062	
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.0043	J	0.036	UJ	0.033	UJ	0.033	U
2-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.041	J	0.033	UJ	0.033	U
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
3-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.0078	J	0.0097	J
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
4-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.067	UJ	0.073	UJ	0.066	UJ	0.066	U
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.034	U	0.0044	J	0.004	J	0.033	UJ	0.024	J
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
ACETOPHENONE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.0095	J
ATRAZINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.035		0.033	UJ	0.036	UJ	0.067	J	0.033	U
CAPROLACTAM	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
CARBAZOLE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
CHRYSENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.034	U	0.0052	J	0.0051	J	0.0037	J	0.024	J
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.7		0.42		0.77	J	1.5	J	---	NA	0.98	J	0.94	J
(3-AND/OR 4-)METHYLPHENOL	0.012	J	0.034	U	0.037	U	0.039	U	0.078	U	0.0079	J	0.0084	J
1,1-BIPHENYL	0.01	J	0.0061	J	0.0054	J	0.0076	J	0.011	J	0.0076	J	0.036	U
1,2,4-TRICHLOROBENZENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,3,4,6-TETRACHLOROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,4,5-TRICHLOROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,4,6-TRICHLOROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,4-DICHLOROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,4-DIMETHYLPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,4-DINITROPHENOL	0.066	U	0.068	U	0.074	U	0.078	U	0.16	U	0.075	U	0.071	U
2,4-DINITROTOLUENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2,6-DINITROTOLUENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2-CHLORONAPHTHALENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2-CHLOROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2-METHYL-4,6-DINITROPHENOL	0.066	U	0.068	U	0.074	U	0.078	U	0.16	U	0.075	U	0.071	U
2-METHYLNAPHTHALENE	0.07		0.034	J	0.047		0.051		0.064	J	0.07		0.046	
2-METHYLPHENOL	0.0096	J	0.034	U	0.037	U	0.039	U	0.078	U	0.0069	J	0.0046	J
2-NITROANILINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
2-NITROPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
3,3'-DICHLOROBENZIDINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
3-NITROANILINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-BROMOPHENYL PHENYL ETHER	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-CHLORO-3-METHYLPHENOL	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-CHLOROANILINE	0.004	J	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-CHLOROPHENYL PHENYL ETHER	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-NITROANILINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
4-NITROPHENOL	0.066	U	0.068	U	0.018	J	0.078	U	0.16	U	0.075	U	0.071	U
ACENAPHTHENE	0.011	J	0.0068	J	0.0046	J	0.0075	J	0.0097	J	0.0082	J	0.036	U
ACENAPHTHYLENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
ACETOPHENONE	0.033	U	0.034	U	0.082		0.039	U	0.078	U	0.037	U	0.22	J
ANTHRACENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.0042	J	0.036	U
ATRAZINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZALDEHYDE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZO(A)ANTHRACENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZO(B)FLUORANTHENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZO(GHI)PERYLENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZO(K)FLUORANTHENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZO-A-PYRENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BENZYL BUTYL PHTHALATE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BIS(2-CHLOROETHOXY)METHANE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BIS(2-CHLOROETHYL) ETHER	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BIS(2-CHLOROISOPROPYL) ETHER	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.071		0.034	U	0.037	U	0.081		0.078		0.17		0.06	
CAPROLACTAM	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
CARBAZOLE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
CHRYSENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
DIBENZO(A,H)ANTHRACENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
DIBENZOFURAN	0.013	J	0.034	U	0.0069	J	0.012	J	0.013	J	0.0093	J	0.036	U
DIETHYL PHTHALATE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.045		0.036	U
DIMETHYL PHTHALATE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	0.97	J	1.5		1.2	J	1.1		0.73	J	0.27	J	0.39	J
(3-AND/OR 4-)METHYLPHENOL	0.04	U	0.0071	J	0.0071	J	0.0092	J	0.0075	J	0.034	UJ	0.0095	J
1,1-BIPHENYL	0.007	J	0.0078	J	0.012	J	0.0089	J	0.036	U	0.034	UJ	0.0069	J
1,2,4-TRICHLOROBENZENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,3,4,6-TETRACHLOROPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,4,5-TRICHLOROPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,4,6-TRICHLOROPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,4-DICHLOROPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,4-DIMETHYLPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,4-DINITROPHENOL	0.079	U	0.079	U	0.072	U	0.072	U	0.072	U	0.069	UJ	0.066	U
2,4-DINITROTOLUENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2,6-DINITROTOLUENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2-CHLORONAPHTHALENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2-CHLOROPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2-METHYL-4,6-DINITROPHENOL	0.079	U	0.079	U	0.072	U	0.072	U	0.072	U	0.069	UJ	0.066	U
2-METHYLNAPHTHALENE	0.05		0.049		0.069		0.058		0.018	J	0.019	J	0.044	
2-METHYLPHENOL	0.04	U	0.0046	J	0.004	J	0.036	U	0.0057	J	0.034	UJ	0.0044	J
2-NITROANILINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
2-NITROPHENOL	0.04	U	0.076		0.044		0.036	U	0.036	U	0.034	UJ	0.033	U
3,3'-DICHLOROBENZIDINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
3-NITROANILINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-BROMOPHENYL PHENYL ETHER	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-CHLORO-3-METHYLPHENOL	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-CHLOROANILINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-CHLOROPHENYL PHENYL ETHER	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-NITROANILINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
4-NITROPHENOL	0.079	U	0.079	U	0.072	U	0.072	U	0.072	U	0.069	UJ	0.066	U
ACENAPHTHENE	0.0051	J	0.0041	J	0.006	J	0.0083	J	0.036	U	0.034	UJ	0.033	U
ACENAPHTHYLENE	0.04	U	0.039	U	0.036	U	0.0073	J	0.036	U	0.034	UJ	0.0077	J
ACETOPHENONE	0.04	U	0.039	U	0.036	U	0.036	U	0.35		0.034	UJ	0.033	U
ANTHRACENE	0.04	U	0.039	U	0.036	U	0.0053	J	0.036	U	0.034	UJ	0.033	U
ATRAZINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZALDEHYDE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZO(A)ANTHRACENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZO(B)FLUORANTHENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZO(GHI)PERYLENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZO(K)FLUORANTHENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZO-A-PYRENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BENZYL BUTYL PHTHALATE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BIS(2-CHLOROETHOXY)METHANE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BIS(2-CHLOROETHYL) ETHER	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.28		0.19		0.18		0.048		0.036	U	0.034	UJ	0.033	U
CAPROLACTAM	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
CARBAZOLE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
CHRYSENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
DIBENZO(A,H)ANTHRACENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
DIBENZOFURAN	0.0053	J	0.0069	J	0.0083	J	0.01	J	0.036	U	0.034	UJ	0.004	J
DIETHYL PHTHALATE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
DIMETHYL PHTHALATE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	1.2		1.3	J	0.47		0.76	J	0.57	J	0.43	J	1.8	J
(3-AND/OR 4-)METHYLPHENOL	0.024	J	0.0039	J	0.039	U	0.04	U	0.044	U	0.0047	J	0.04	U
1,1-BIPHENYL	0.011	J	0.005	J	0.004	J	0.04	U	0.0051	J	0.0084	J	0.0053	J
1,2,4-TRICHLOROBENZENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,3,4,6-TETRACHLOROPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,4,5-TRICHLOROPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,4,6-TRICHLOROPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,4-DICHLOROPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,4-DIMETHYLPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,4-DINITROPHENOL	0.07	U	0.063	U	0.078	U	0.079	U	0.087	U	0.039	U	0.079	U
2,4-DINITROTOLUENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2,6-DINITROTOLUENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2-CHLORONAPHTHALENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2-CHLOROPHENOL	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2-METHYL-4,6-DINITROPHENOL	0.07	U	0.063	U	0.078	U	0.079	U	0.087	U	0.039	U	0.079	U
2-METHYLNAPHTHALENE	0.058	J	0.031	J	0.041		0.01	J	0.036	J	0.034	J	0.056	JN
2-METHYLPHENOL	0.012	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2-NITROANILINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
2-NITROPHENOL	0.012	J	0.014	J	0.039	U	0.04	U	0.044	U	0.039	U	0.0081	J
3,3'-DICHLOROBENZIDINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
3-NITROANILINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-BROMOPHENYL PHENYL ETHER	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-CHLORO-3-METHYLPHENOL	0.07	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-CHLOROANILINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-CHLOROPHENYL PHENYL ETHER	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-NITROANILINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
4-NITROPHENOL	0.012	J	0.063	U	0.078	U	0.079	U	0.087	U	0.039	U	0.079	U
ACENAPHTHENE	0.0042	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
ACENAPHTHYLENE	0.0081	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
ACETOPHENONE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.064		0.11	
ANTHRACENE	0.0036	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
ATRAZINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZALDEHYDE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZO(A)ANTHRACENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZO(B)FLUORANTHENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZO(GHI)PERYLENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZO(K)FLUORANTHENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZO-A-PYRENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BENZYL BUTYL PHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BIS(2-CHLOROETHOXY)METHANE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BIS(2-CHLOROETHYL) ETHER	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BIS(2-CHLOROISOPROPYL) ETHER	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.07		0.05		0.04	U
CAPROLACTAM	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
CARBAZOLE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
CHRYSENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
DIBENZO(A,H)ANTHRACENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
DIBENZOFURAN	0.0076	J	0.0036	J	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
DIETHYL PHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
DIMETHYL PHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	2.2		1.7		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
1,1-BIPHENYL	0.0061	J	0.032	U	0.039	U	0.0065	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2,4-DICHLOROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2,4-DINITROPHENOL	0.064	U	0.064	UJ	0.078	U	0.084	U	N/A	N/A
2,4-DINITROTOLUENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
2,6-DINITROTOLUENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
2-CHLORONAPHTHALENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
2-CHLOROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.064	U	0.064	UJ	0.078	U	0.084	U	N/A	N/A
2-METHYLNAPHTHALENE	0.041		0.012	J	0.018	J	0.059		N/A	N/A
2-METHYLPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
2-NITROANILINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
2-NITROPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
3-NITROANILINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
4-CHLOROANILINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
4-NITROANILINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
4-NITROPHENOL	0.064	U	0.064	UJ	0.078	U	0.084	U	N/A	N/A
ACENAPHTHENE	0.032	U	0.032	U	0.004	J	0.042	U	N/A	N/A
ACENAPHTHYLENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
ACETOPHENONE	0.032	U	0.073	J	0.039	U	0.042	U	N/A	N/A
ANTHRACENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
ATRAZINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZALDEHYDE	0.032	U	0.22	J	0.039	U	0.042	U	N/A	N/A
BENZO(A)ANTHRACENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZO(GHI)PERYLENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZO-A-PYRENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.032	U	0.032	U	0.078		0.042	U	N/A	N/A
CAPROLACTAM	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
CARBAZOLE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
CHRYSENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
DIBENZOFURAN	0.005	J	0.032	U	0.0044	J	0.0043	J	N/A	N/A
DIETHYL PHTHALATE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
DIMETHYL PHTHALATE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.0038	J	0.036	UJ	0.0043	J	0.035	
FLUORENE	N/A	N/A	N/A	N/A	0.0036	J	0.0052	J	0.0052	J	0.0045	J	0.028	J
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
ISOPHORONE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
NAPHTHALENE	N/A	N/A	N/A	N/A	0.023	J	0.034	J	0.044	J	0.03	J	0.13	
NITROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.033	UJ	0.033	U
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.0072	J	0.073	UJ	0.015	J	0.066	U
PHENANTHRENE	N/A	N/A	N/A	N/A	0.0074	J	0.014	J	0.012	J	0.013	J	0.11	
PHENOL	N/A	N/A	N/A	N/A	0.034	U	0.023	J	0.024	J	0.033	UJ	0.14	
PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.033	UJ	0.036	UJ	0.0042	J	0.025	J

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.043		0.036	U
DI-N-OCTYLPHTHALATE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
FLUORANTHENE	0.011	J	0.014	J	0.0058	J	0.011	J	0.078	U	0.01	J	0.036	U
FLUORENE	0.012	J	0.034	U	0.0048	J	0.0099	J	0.011	J	0.012	J	0.0037	J
HEXACHLOROBENZENE (HCB)	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
HEXACHLOROBUTADIENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
HEXACHLOROETHANE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
INDENO (1,2,3-CD) PYRENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
ISOPHORONE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
NAPHTHALENE	0.085		0.059	U	0.075		0.079		0.12		0.1		0.056	
NITROBENZENE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
N-NITROSODI-N-PROPYLAMINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.033	U	0.034	U	0.037	U	0.039	U	0.078	U	0.037	U	0.036	U
PENTACHLOROPHENOL	0.049	J	0.071	U	0.074	U	0.011	J	0.16	U	0.075	U	0.071	U
PHENANTHRENE	0.031	J	0.03	J	0.016	J	0.022	J	0.03	J	0.028	J	0.011	J
PHENOL	0.061		0.034	U	0.037	U	0.014	J	0.078	U	0.019	J	0.024	J
PYRENE	0.0067	J	0.034	U	0.006	J	0.0057	J	0.078	U	0.026	J	0.036	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.081		0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
DI-N-OCTYLPHTHALATE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
FLUORANTHENE	0.0043	J	0.039	U	0.0036	J	0.023	J	0.036	U	0.034	UJ	0.033	U
FLUORENE	0.0066	J	0.0054	J	0.0063	J	0.01	J	0.036	U	0.034	UJ	0.0041	J
HEXACHLOROBENZENE (HCB)	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
HEXACHLOROBUTADIENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
HEXACHLOROETHANE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
INDENO (1,2,3-CD) PYRENE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
ISOPHORONE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
NAPHTHALENE	0.079		0.088		0.1		0.11		0.053		0.046	J	0.12	
NITROBENZENE	0.033	J	0.029	J	0.019	J	0.036	U	0.036	U	0.034	UJ	0.033	U
N-NITROSODI-N-PROPYLAMINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.04	U	0.039	U	0.036	U	0.036	U	0.036	U	0.034	UJ	0.033	U
PENTACHLOROPHENOL	0.026	J	0.0086	J	0.072	U	0.02	J	0.072	U	0.069	UJ	0.066	U
PHENANTHRENE	0.017	J	0.0097	J	0.014	J	0.05		0.036	U	0.017	J	0.009	J
PHENOL	0.029	J	0.041		0.036		0.061		0.017	J	0.034	UJ	0.042	
PYRENE	0.0089	J	0.039	U	0.0049	J	0.018	J	0.036	U	0.034	UJ	0.0035	J

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
DI-N-OCTYLPHTHALATE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
FLUORANTHENE	0.01	J	0.032	U	0.039	U	0.04	U	0.044	U	0.0045	J	0.04	U
FLUORENE	0.0083	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
HEXACHLOROBENZENE (HCB)	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
HEXACHLOROBUTADIENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
HEXACHLOROETHANE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
INDENO (1,2,3-CD) PYRENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
ISOPHORONE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
NAPHTHALENE	0.15		0.072		0.1		0.028	J	0.087		0.063		0.11	
NITROBENZENE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
N-NITROSODI-N-PROPYLAMINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.035	U	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U
PENTACHLOROPHENOL	0.07	U	0.008	J	0.078	U	0.079	U	0.087	U	0.0054	J	0.079	U
PHENANTHRENE	0.037		0.0056	J	0.0086	J	0.0047	J	0.0096	J	0.0099	J	0.006	J
PHENOL	0.047		0.041		0.039	U	0.11		0.044	U	0.039	U	0.06	
PYRENE	0.0087	J	0.032	U	0.039	U	0.04	U	0.044	U	0.039	U	0.04	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
FLUORANTHENE	0.0065	J	0.032	U	0.039	U	0.042	U	N/A	N/A
FLUORENE	0.0047	J	0.032	U	0.039	U	0.0042	J	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
HEXACHLOROBUTADIENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
HEXACHLOROETHANE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
ISOPHORONE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
NAPHTHALENE	0.093		0.029	J	0.032	J	0.1		N/A	N/A
NITROBENZENE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.032	U	0.032	U	0.039	U	0.042	U	N/A	N/A
PENTACHLOROPHENOL	0.064	U	0.064	UJ	0.078	U	0.084	U	N/A	N/A
PHENANTHRENE	0.017	J	0.0035	J	0.0077	J	0.01	J	N/A	N/A
PHENOL	0.032	U	0.032	UJ	0.039	U	0.042	U	N/A	N/A
PYRENE	0.0046	J	0.032	U	0.039	U	0.042	U	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.2	UJ	2.1	J	3.8	UJ	2.4	U	2.4	U	2.3	U	1	J
1,1,1,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
1,1,1-TRICHLOROETHANE	1.5	UJ	0.3	J	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.64	J	0.68	J	0.48	J	---	NA	---	NA	---	NA	0.55	J
1,1,2-TRICHLOROETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
1,1-DICHLOROETHANE	1.2	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
1,1-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.4	UJ	2.2	UJ	2.4	UJ	2.4	U	2.4	U	2.3	U	2.2	U
1,2,3-TRICHLOROPROPANE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
1,2,4-TRIMETHYLBENZENE	0.42	J	0.76	J	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	UJ	2.9	UJ	3	UJ	2.4	U	2.4	U	2.3	U	2.9	U
1,2-DIBROMOETHANE (EDB)	2.4	UJ	2.2	UJ	2.4	UJ	2.4	U	2.4	U	2.3	U	2.2	U
1,2-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
1,2-DICHLOROETHANE	1.2	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
1,2-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	UJ	2	UJ	2.1	UJ	---	NA	---	NA	---	NA	2	U
1,3,5-TRIMETHYLBENZENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,3-BUTADIENE	1	UJ	1.4	J	0.6	UJ	9.6		14		2.3	U	1.8	
1,3-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
1,3-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
1,4-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
2,2-DICHLOROPROPANE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	4.1	UJ	6	J	1.2	UJ	---	NA	---	NA	---	NA	8.2	
ACETONE	22	UJ	12	J	12	J	---	NA	---	NA	---	NA	14	
ACRYLONITRILE	3.8	UJ	3.9	UJ	3	UJ	---	NA	---	NA	---	NA	3	U
BENZENE	1	J	2.1	J	0.58	J	2.4	U	3		2.3	U	4	U
BROMOBENZENE	2	UJ	2	UJ	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
BROMOCHLOROMETHANE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
BROMODICHLOROMETHANE	2	UJ	2	UJ	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
BROMOFORM	9.4	UJ	9.1	UJ	9.6	UJ	2.4	U	2.4	U	2.3	U	9.2	U
BROMOMETHANE	0.88	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
BUTYL ACRYLATE	15	UJ	14	UJ	15	UJ	---	NA	---	NA	---	NA	15	U
CARBON DISULFIDE	0.88	UJ	4.2	UJ	4.5	UJ	2.4	U	6.7		2.6		3	J
CARBON TETRACHLORIDE	0.58	J	0.72	J	0.44	J	2.4	U	2.4	U	2.3	U	0.59	J
CHLOROBENZENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
CHLORODIFLUOROMETHANE	66	J	20	J	0.41	J	---	NA	---	NA	---	NA	5.6	
CHLOROETHANE	0.88	UJ	0.85	UJ	0.9	UJ	2.4	U	2.4	U	2.3	U	0.86	U
CHLOROFORM	0.31	J	0.92	J	1.5	UJ	2.4	U	2.4	U	2.3	U	1.2	J
CHLOROMETHANE	1.2	J	1.1	J	1	J	2.4	U	4.4	J	2.3	U	0.89	
CIS-1,2-DICHLOROETHENE	1.2	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
CYCLOHEXANE	1.2	UJ	5.6	UJ	6	UJ	---	NA	---	NA	---	NA	5.8	U
DIBROMOCHLOROMETHANE	10	UJ	2.5	UJ	2.8	UJ	2.4	U	2.4	U	2.3	U	2.6	U
DIBROMOMETHANE	2	UJ	2	UJ	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
DICHLORODIFLUOROMETHANE	2	UJ	3.4	J	1.9	J	23	J	15	J	23	J	2.8	
ETHYL ACRYLATE	0.68	UJ	5.6	UJ	6	UJ	---	NA	---	NA	2.3	U	0.85	J
ETHYL BENZENE	0.4	J	0.61	J	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
HEXACHLORO-1,3-BUTADIENE	3.2	UJ	3.1	UJ	3.2	UJ	2.4	U	2.4	U	2.3	U	3.1	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.5	AJ	0.39	J	1.8	AJ	2	AJ	3.7	U	2.8	AJ	0.95	AJ
1,1,1,2-TETRACHLOROETHANE	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	1.5	U	0.32	AJ	1.4	U	1.6	U	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.55	AJ	0.56	J	1.8	A	0.75	AJ	0.64	J	0.7	AJ	0.54	AJ
1,1,2-TRICHLOROETHANE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
1,1-DICHLOROETHANE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.4	U	2.2	U	2.2	U	2.2	U	2.3	U	2.5	U	2.4	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
1,2,4-TRIMETHYLBENZENE	1.2	AJ	1.4	U	1.8	A	2.8	A	1.4	U	1.6	AJ	0.32	AJ
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	2.8	U	2.9	U	2.9	U	2.8	U	3.2	U	3	U
1,2-DIBROMOETHANE (EDB)	2.4	U	2.2	U	1.8	U	2.2	U	2.3	U	2.5	U	2.4	U
1,2-DICHLOROBENZENE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
1,2-DICHLOROETHANE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
1,3,5-TRIMETHYLBENZENE	0.35	AJ	1.4	U	0.55	AJ	0.92	AJ	1.4	U	0.52	AJ	1.5	U
1,3-BUTADIENE	0.99	A	0.55	U	1.8	A	0.58	U	0.57	U	0.4	AJ	0.6	U
1,3-DICHLOROBENZENE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
1,4-DICHLOROBENZENE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	38	A	1.1	U	64	A	81	A	1.1	U	170	AJ	1.2	U
ACETONE	14	A	15		14	AJ	22	AJ	20		20	A	7.8	A
ACRYLONITRILE	1.5	U	3.4	U	6.2	U	6.2	U	6.5	U	4.1	U	6.5	U
BENZENE	0.78	AJ	0.38	J	1	A	1.4	A	0.43	J	2.4	A	0.54	AJ
BROMOBENZENE	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
BROMODICHLOROMETHANE	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
BROMOFORM	9.4	U	8.9	U	9.2	U	9.1	U	9.1	U	10	U	9.5	U
BROMOMETHANE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
BUTYL ACRYLATE	15	U	14	U	15	U	14	U	14	U	16	U	15	U
CARBON DISULFIDE	11	U	4.1	U	18	U	19	U	3.8	U	4.9	U	11	U
CARBON TETRACHLORIDE	0.52	AJ	0.54	J	0.7	AJ	0.72	AJ	0.73	J	0.7	AJ	0.47	AJ
CHLOROBENZENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
CHLORODIFLUOROMETHANE	22	A	0.68	J	96	A	88	A	2.5		34	A	0.55	AJ
CHLOROETHANE	0.88	U	0.82	U	0.86	U	0.86	U	0.85	U	0.94	U	0.89	U
CHLOROFORM	1.6	A	1.4	U	3	A	2.2	A	1.4	U	3.2	A	1.5	U
CHLOROMETHANE	0.96	A	0.88		1	A	1	A	1.4		1.2	A	0.93	A
CIS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
CYCLOHEXANE	5.9	U	5.5	U	5.8	U	5.8	U	5.7	U	0.76	AJ	6	U
DIBROMOCHLOROMETHANE	2.6	U	2.5	U	2.6	U	2.6	U	2.6	U	2.8	U	2.7	U
DIBROMOMETHANE	2	U	1.9	U	2	U	2	U	2	U	2.2	U	2.1	U
DICHLORODIFLUOROMETHANE	2.8	A	2.5		5.2	A	5.4	A	3.5	J	3.9	AJ	2.4	A
ETHYL ACRYLATE	0.7	AJ	5.5	U	5.8	U	5.8	U	5.7	U	6.3	U	6	U
ETHYL BENZENE	0.42	AJ	1.4	U	0.49	AJ	0.6	AJ	1.4	U	0.82	AJ	1.5	U
HEXACHLORO-1,3-BUTADIENE	3.2	U	3	U	3.1	U	3.1	U	3.1	U	3.5	U	3.3	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.9	J	1.3	J	2	AJ	1.9	J	0.55	J	1	J	1.4	J
1,1,1,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
1,1,1-TRICHLOROETHANE	1.4	U	1.4	U	1.4	UJ	0.3	J	0.31	J	0.43	J	0.23	J
1,1,2,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.49	J	0.52	J	0.72	AJ	0.67	J	0.79	J	0.98	J	0.62	J
1,1,2-TRICHLOROETHANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.4	U	1.3	UJ	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.91	U	0.86	UJ	0.89	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.91	U	0.86	UJ	0.89	U
1,1-DICHLOROPROPENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
1,2,3-TRICHLOROBENZENE	2.3	U	2.2	U	2.3	UJ	1.8	UJ	1.8	U	1.7	UJ	1.8	U
1,2,3-TRICHLOROPROPANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.4	U	1.3	UJ	1.3	U
1,2,4-TRIMETHYLBENZENE	0.8	J	0.36	J	0.52	AJ	1.4	J	1.1	U	1.1	J	0.4	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	2.8	U	2.8	UJ	11	UJ	11	U	11	UJ	2.2	U
1,2-DIBROMOETHANE (EDB)	2.3	U	2.2	U	2.3	UJ	1.8	UJ	1.8	U	1.7	UJ	1.8	U
1,2-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.4	U	1.3	UJ	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.91	U	0.86	UJ	0.89	U
1,2-DICHLOROPROPANE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
1,3,5-TRIMETHYLBENZENE	1.4	U	1.4	U	1.4	UJ	0.5	J	1.1	U	1.1	UJ	1.1	U
1,3-BUTADIENE	0.58	U	2.5		4.4	AJ	0.45	U	51	J	0.77	J	3.7	
1,3-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.4	U	1.3	UJ	1.3	U
1,3-DICHLOROPROPANE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
1,4-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.4	U	1.3	UJ	1.3	U
2,2-DICHLOROPROPANE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	0.38	J	1.1	UJ	21	J	0.91	U	0.86	UJ	4.8	
ACETONE	12		18	J	22	AJ	13	J	6.4		19	UJ	5.5	
ACRYLONITRILE	4.6	U	0.56	U	0.57	UJ	4.2	UJ	3.5	U	9	UJ	1.8	U
BENZENE	1.4		1.3		2.2	AJ	1.4	J	0.85		1	J	1.5	
BROMOBENZENE	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
BROMOCHLOROMETHANE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
BROMODICHLOROMETHANE	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
BROMOFORM	9.2	U	9	U	9.1	UJ	7.3	UJ	7.3	U	6.8	UJ	7.1	U
BROMOMETHANE	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.68	U	0.86	UJ	0.89	U
BUTYL ACRYLATE	14	U	14	U	14	UJ	5.7	UJ	5.7	U	5.4	UJ	1.1	U
CARBON DISULFIDE	11	U	4.2	U	8	UJ	14	UJ	2	U	2.8	UJ	5.5	U
CARBON TETRACHLORIDE	0.5	J	0.56	J	0.72	AJ	0.7	J	0.69	J	1.2	J	0.57	J
CHLOROBENZENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
CHLORODIFLUOROMETHANE	0.83	J	2		2.8	AJ	190	J	1.3		5	J	1.9	
CHLOROETHANE	0.87	U	0.84	U	0.85	UJ	0.68	UJ	0.68	U	0.64	UJ	0.67	U
CHLOROFORM	1.6		1.8		1.2	AJ	1.5	J	1.1	U	0.58	J	0.39	J
CHLOROMETHANE	0.94		0.93		1.2	AJ	1.2	J	2		2	J	1.3	
CIS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.91	U	0.86	UJ	0.89	U
CIS-1,3-DICHLOROPROPENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
CYCLOHEXANE	5.8	U	5.6	U	0.64	AJ	4.5	UJ	4.5	U	4.3	UJ	0.89	U
DIBROMOCHLOROMETHANE	2.6	U	2.5	U	2.6	UJ	2	UJ	2	U	1.9	UJ	2	U
DIBROMOMETHANE	2	U	2	U	2	UJ	1.6	UJ	1.6	U	1.5	UJ	1.6	U
DICHLORODIFLUOROMETHANE	2.5		2.8		3.6	AJ	4.8	J	3.1		4.3	J	2.7	
ETHYL ACRYLATE	5.8	U	5.6	U	1.1	UJ	4.5	UJ	0.86	J	4.3	UJ	0.89	U
ETHYL BENZENE	0.49	J	0.41	J	0.68	AJ	0.54	J	0.24	J	0.39	J	0.48	J
HEXACHLORO-1,3-BUTADIENE	3.2	U	3.1	U	3.1	UJ	2.5	UJ	2.5	U	2.4	UJ	2.4	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.4	AJ	1.3	J	1.9	J	1	J	1.2	J	1.4	J	---	NA
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
1,1,1-TRICHLOROETHANE	1.1	U	0.24	J	0.25	J	0.26	J	0.32	J	0.29	J	---	NA
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.44	AJ	0.74	J	0.58	J	0.59	J	0.74	J	0.64	J	---	NA
1,1,2-TRICHLOROETHANE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,1-DICHLOROETHANE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.8	U	1.9	UJ	1.8	U	1.8	U	---	NA
1,2,3-TRICHLOROPROPANE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,2,4-TRIMETHYLBENZENE	0.96	AJ	0.56	J	0.95	J	1.2	UJ	0.46	J	0.6	J	---	NA
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3	U	2.3	U	2.3	U	2.3	UJ	2.2	U	2.3	U	---	NA
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.8	U	1.9	UJ	1.8	U	1.8	U	---	NA
1,2-DICHLOROBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,2-DICHLOROETHANE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
1,3,5-TRIMETHYLBENZENE	0.29	AJ	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
1,3-BUTADIENE	0.64	A	1.9		0.45	U	12	J	0.44	U	0.45	U	---	NA
1,3-DICHLOROBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
1,4-DICHLOROBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	3.1	A	7		43		0.94	UJ	1.4		0.91	U	---	NA
ACETONE	22	U	20	U	25	U	9.6	J	15	J	29	U	---	NA
ACRYLONITRILE	3.4	U	2.3	U	0.45	U	3.1	UJ	4.5	U	2.7	U	---	NA
BENZENE	2.2	A	1.3		1.4		1.1	J	1.6		1.1		---	NA
BROMOBENZENE	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
BROMOFORM	7.3	U	7.3	U	7.3	U	7.5	UJ	7	U	7.3	U	---	NA
BROMOMETHANE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
BUTYL ACRYLATE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
CARBON DISULFIDE	13	U	23	U	2.6	U	4.3	UJ	6	U	5.5	U	---	NA
CARBON TETRACHLORIDE	0.45	AJ	0.54	J	0.69	J	0.61	J	0.73	J	0.57	J	---	NA
CHLOROBENZENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
CHLORODIFLUOROMETHANE	44	A	3.3		1000		0.67	J	22	J	1.6	J	---	NA
CHLOROETHANE	0.68	U	0.68	U	0.68	U	0.7	UJ	0.66	U	0.68	U	---	NA
CHLOROFORM	1.6	A	1.1	U	0.38	J	0.34	J	0.32	J	1.1	U	---	NA
CHLOROMETHANE	1	A	1.1		1.4		1.2	J	1.3		1.1	J	---	NA
CIS-1,2-DICHLOROETHENE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
CYCLOHEXANE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
DIBROMOCHLOROMETHANE	2	U	2	U	2	U	2.1	UJ	2	U	2	U	---	NA
DIBROMOMETHANE	1.6	U	1.6	U	1.6	U	1.6	UJ	1.5	U	1.6	U	---	NA
DICHLORODIFLUOROMETHANE	2.6	A	2.3		22		2.4	J	2.9		2.3		---	NA
ETHYL ACRYLATE	0.91	U	0.91	U	0.91	U	0.49	J	0.88	U	0.91	U	---	NA
ETHYL BENZENE	0.7	AJ	0.41	J	0.53	J	0.37	J	0.34	J	0.41	J	---	NA
HEXACHLORO-1,3-BUTADIENE	2.5	U	2.5	U	2.5	U	2.6	UJ	2.4	U	2.5	U	---	NA

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	1.5	J	2.1	J	0.6	J	N/A	N/A	2.5	J
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	1.2	U	0.3	J	0.37	J	N/A	N/A	0.25	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.5	J	0.7	J	0.89	J	N/A	N/A	0.59	J
1,1,2-TRICHLOROETHANE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
1,1-DICHLOROETHANE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
1,1-DICHLOROPROPENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.9	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
1,2,4-TRIMETHYLBENZENE	0.81	J	1.1	U	0.35	J	N/A	N/A	1.2	
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3	U	2.3	U	2.3	UJ	N/A	N/A	2.2	U
1,2-DIBROMOETHANE (EDB)	1.9	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
1,2-DICHLOROETHANE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
1,2-DICHLOROPROPANE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	0.65	J	18		7.6	J	N/A	N/A	1.8	
1,3-DICHLOROBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
1,3-DICHLOROPROPANE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
2,2-DICHLOROPROPANE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	7.1		5.2		16	J	N/A	N/A	37	
ACETONE	35	U	43	U	60	UJ	N/A	N/A	8.8	J
ACRYLONITRILE	12	U	6	U	7.5	UJ	N/A	N/A	5.5	U
BENZENE	1.3		1		0.77	J	N/A	N/A	1.7	
BROMOBENZENE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOFORM	7.5	U	7.2	U	7.5	UJ	N/A	N/A	7.1	U
BROMOMETHANE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
BUTYL ACRYLATE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	13	U	17	U	15	UJ	N/A	N/A	8.5	U
CARBON TETRACHLORIDE	0.55	J	0.69	J	0.96	J	N/A	N/A	0.61	J
CHLOROBENZENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	70		22		100	J	N/A	N/A	21	
CHLOROETHANE	0.7	U	0.68	U	0.7	UJ	N/A	N/A	0.67	U
CHLOROFORM	0.51	J	0.33	J	0.49	J	N/A	N/A	0.99	J
CHLOROMETHANE	1.4		1.6		2.9	J	N/A	N/A	0.92	
CIS-1,2-DICHLOROETHENE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
CIS-1,3-DICHLOROPROPENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.24	J
DIBROMOCHLOROMETHANE	2.1	U	2	U	2.1	UJ	N/A	N/A	2	U
DIBROMOMETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	5.1		6.3		---	NA	N/A	N/A	0.33	J
ETHYL ACRYLATE	0.93	U	0.58	J	0.94	UJ	N/A	N/A	0.39	J
ETHYL BENZENE	0.49	J	0.53	J	0.26	J	N/A	N/A	0.73	J
HEXACHLORO-1,3-BUTADIENE	2.6	U	2.5	U	2.6	UJ	N/A	N/A	2.4	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	1.4	J	6.6	J	0.86	J	---	NA	---	NA	---	NA	1.5	
ISOPROPYLBENZENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
METHYL ACETATE	0.46	J	0.85	UJ	0.68	J	---	NA	---	NA	---	NA	0.86	U
METHYL BUTYL KETONE	5.9	UJ	5.6	UJ	6	UJ	---	NA	---	NA	---	NA	5.8	U
METHYL ETHYL KETONE	2.5	J	2.5	J	2.8	J	---	NA	---	NA	---	NA	2.1	
METHYL ISOBUTYL KETONE	5.9	UJ	5.6	UJ	6	UJ	---	NA	---	NA	---	NA	5.8	U
METHYL METHACRYLATE	3.9	UJ	2.2	J	1.2	UJ	---	NA	---	NA	---	NA	14	
METHYL T-BUTYL ETHER (MTBE)	0.58	J	14	J	1	J	---	NA	---	NA	---	NA	2.4	
METHYLCYCLOHEXANE	1.2	UJ	0.5	J	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYLENE CHLORIDE	0.76	J	0.85	UJ	0.9	UJ	2.4	U	2.4	U	2.3	U	0.86	U
N-BUTYLBENZENE	1.8	UJ	8.5	UJ	9	UJ	2.4	U	2.4	U	2.3	U	8.6	U
N-PROPYLBENZENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
O-CHLOROTOLUENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
O-XYLENE	0.5	J	0.72	J	1.5	UJ	2.4	U	2.4	U	2.3	U	0.34	J
P-CHLOROTOLUENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
P-ISOPROPYLTOLUENE	1.8	UJ	8.5	UJ	9	UJ	2.4	U	2.4	U	2.3	U	8.6	U
SEC-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.6		2.4	U	3.5		1.8	U
STYRENE	1.1	J	5.6	UJ	6	UJ	120	U	80	U	110	U	5.8	U
TERT-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	2.4	U	2.3	U	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	UJ	0.36	J	2.1	UJ	2.4	U	2.4	U	2.3	U	2	U
TOLUENE	4.6	J	12	J	2.2	J	88		56		10		50	
TRANS-1,2-DICHLOROETHENE	1.2	UJ	1.1	UJ	1.2	UJ	2.4	U	2.4	U	2.3	U	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.5	UJ	1.4	UJ	1.5	UJ	2.4	U	2.4	U	2.3	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	4.8	UJ	7.1	UJ	7.5	UJ	2.4	U	2.4	U	2.3	U	7.2	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.6	J	1.9	J	1	J	2.4	U	2.4	U	2.3	U	1.4	J
VINYL CHLORIDE	0.88	UJ	0.85	UJ	0.9	UJ	2.4	U	2.4	U	2.3	U	0.86	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	1.6	A	0.46	J	2.2	A	3	A	0.52	J	6.6	A	0.92	AJ
ISOPROPYLBENZENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
METHYL ACETATE	0.92	AJ	0.82	U	0.86	U	0.86	U	0.39	J	0.94	U	0.89	U
METHYL BUTYL KETONE	5.9	U	5.5	U	5.8	U	5.8	U	5.7	U	6.3	U	6	U
METHYL ETHYL KETONE	2.4	A	2		2.5	A	3.2	A	3	J	3.2	AJ	1.8	A
METHYL ISOBUTYL KETONE	5.9	U	5.5	U	5.8	U	5.8	U	5.7	U	6.3	U	6	U
METHYL METHACRYLATE	6.5	A	1.1	U	1.6	A	0.75	AJ	1.1	U	1.4	A	1.2	U
METHYL T-BUTYL ETHER (MTBE)	2.5	A	0.32	J	2.2	A	5	A	0.69	J	15	A	1.2	AJ
METHYLCYCLOHEXANE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	0.43	AJ	1.2	U
METHYLENE CHLORIDE	0.88	U	0.6	J	0.8	J	0.86	U	0.85	U	1.1	AJ	0.89	U
N-BUTYLBENZENE	8.8	U	8.2	U	8.6	U	8.6	U	8.5	U	9.4	U	8.9	U
N-PROPYLBENZENE	1.5	U	1.4	U	0.34	AJ	0.62	AJ	1.4	U	0.33	AJ	1.5	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
O-XYLENE	0.6	AJ	1.4	U	0.86	AJ	1.1	AJ	1.4	U	1.3	AJ	0.34	AJ
P-CHLOROTOLUENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
P-ISOPROPYLTOLUENE	8.8	U	8.2	U	8.6	U	8.6	U	8.5	U	9.4	U	8.9	U
SEC-BUTYLBENZENE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
STYRENE	5.9	U	5.5	U	5.8	U	5.8	U	5.7	U	0.78	AJ	6	U
TERT-BUTYLBENZENE	1.8	U	1.6	U	1.8	U	1.8	U	1.7	U	1.9	U	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.55	AJ	1.9	U	2	U	0.65	AJ	2	U	2.2	U	2.1	U
TOLUENE	20	A	0.76	J	18	A	12	A	1.5		20	A	3.2	A
TRANS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.3	U	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	U	1.4	U	1.4	U	1.6	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.2	U	6.9	U	7.2	U	7.1	U	7.1	U	7.9	U	7.4	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	AJ	1.6	J	1.9	A	2	A	2.2	J	1.9	AJ	1.2	AJ
VINYL CHLORIDE	0.88	U	0.82	U	0.86	U	0.86	U	0.85	U	0.94	U	0.89	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	2.7		2.7		6.2	AJ	2.6	J	0.84	J	0.86	UJ	1.6	
ISOPROPYLBENZENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
METHYL ACETATE	0.39	J	0.84	U	0.38	AJ	0.9	J	0.68	U	0.64	UJ	0.67	U
METHYL BUTYL KETONE	5.8	U	5.6	U	5.7	UJ	4.5	UJ	4.5	U	4.3	UJ	4.4	U
METHYL ETHYL KETONE	2		3.1		4.8	AJ	2.1	J	0.92	J	3.4	UJ	1.3	J
METHYL ISOBUTYL KETONE	5.8	U	5.6	U	5.7	UJ	4.5	UJ	4.5	U	4.3	UJ	4.4	U
METHYL METHACRYLATE	1.2	U	7.3		6.4	AJ	1.1	J	20		4.3	UJ	6.7	
METHYL T-BUTYL ETHER (MTBE)	4.5		4		9	AJ	1.2	J	0.52	J	0.32	J	0.96	
METHYLCYCLOHEXANE	1.2	U	1.1	U	0.5	AJ	4.5	UJ	4.5	U	4.3	UJ	0.89	U
METHYLENE CHLORIDE	0.87	U	0.34	J	0.58	AJ	0.87	J	0.68	U	0.64	UJ	0.29	J
N-BUTYLBENZENE	8.7	U	8.4	U	8.5	UJ	6.8	UJ	6.8	U	6.4	UJ	1.3	U
N-PROPYLBENZENE	1.4	U	1.4	U	1.4	UJ	0.25	J	1.1	U	0.3	J	1.1	U
O-CHLOROTOLUENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
O-XYLENE	0.71	J	0.47	J	0.74	AJ	0.76	J	5.7	U	0.94	J	0.51	J
P-CHLOROTOLUENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
P-ISOPROPYLTOLUENE	8.7	U	8.4	U	8.5	UJ	6.8	UJ	6.8	U	6.4	UJ	1.3	U
SEC-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	6.8	UJ	6.8	U	6.4	UJ	1.3	U
STYRENE	5.8	U	5.6	U	5.7	UJ	0.94	J	0.82	J	4.3	UJ	0.59	J
TERT-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	6.8	UJ	6.8	U	6.4	UJ	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.62	J	2	U	2	UJ	0.82	J	1.6	U	1.5	UJ	1.6	U
TOLUENE	5.6		23		57	AJ	6.2	J	140		1.5	J	49	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.1	UJ	0.91	UJ	0.91	U	0.86	UJ	0.89	U
TRANS-1,3-DICHLOROPROPENE	1.4	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.2	U	7	U	7.1	UJ	1.1	UJ	1.1	U	1.1	UJ	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.3	J	1.6	J	2	AJ	1.6	J	2.2		2.9	J	1.6	
VINYL CHLORIDE	0.87	U	0.84	U	0.85	UJ	0.68	UJ	0.68	U	0.58	J	0.67	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	1.3	A	1.2		1.3		0.97	J	1.5		1		---	NA
ISOPROPYLBENZENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
METHYL ACETATE	0.32	AJ	0.26	J	0.68	U	0.7	UJ	0.66	U	0.68	U	---	NA
METHYL BUTYL KETONE	4.5	U	4.5	U	4.5	U	4.7	UJ	4.4	U	4.5	U	---	NA
METHYL ETHYL KETONE	0.92	AJ	0.8	J	6.5	U	1.4	J	2.9	U	1.5	J	---	NA
METHYL ISOBUTYL KETONE	4.5	U	4.5	U	4.5	U	4.7	UJ	4.4	U	4.5	U	---	NA
METHYL METHACRYLATE	0.91	U	3.1		0.91	U	6.2	J	0.29	J	0.91	U	---	NA
METHYL T-BUTYL ETHER (MTBE)	1.4	A	1		0.45	J	1.1	J	1.6		1.7		---	NA
METHYLCYCLOHEXANE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
METHYLENE CHLORIDE	0.68	U	0.68	U	0.39	J	0.26	J	0.52	J	0.3	J	---	NA
N-BUTYLBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
N-PROPYLBENZENE	1.1	U	1.1	U	0.23	J	1.2	UJ	1.1	U	1.1	U	---	NA
O-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
O-XYLENE	0.88	AJ	0.49	J	0.67	J	0.37	J	0.39	J	0.52	J	---	NA
P-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
P-ISOPROPYLTOLUENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
SEC-BUTYLBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
STYRENE	0.25	AJ	0.45	J	0.91	U	0.69	J	0.88	U	0.91	U	---	NA
TERT-BUTYLBENZENE	1.4	U	1.4	U	1.4	U	1.4	UJ	1.3	U	1.4	U	---	NA
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.57	AJ	1.6	U	0.39	J	1.6	UJ	0.45	J	1.1	J	---	NA
TOLUENE	5.2	A	10		14		50	J	3.6		2.8		---	NA
TRANS-1,2-DICHLOROETHENE	0.91	U	0.91	U	0.91	U	0.94	UJ	0.88	U	0.91	U	---	NA
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.1	U	1.2	UJ	1.1	U	1.1	U	---	NA
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	AJ	1.4		1.6		1.5	J	1.7		1.4		---	NA
VINYL CHLORIDE	0.65	AJ	0.68	U	0.68	U	0.7	UJ	0.66	U	0.68	U	---	NA

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	0.94		1.3		0.63	J	N/A	N/A	2.5	
ISOPROPYLBENZENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.24	J	0.68	U	0.7	UJ	N/A	N/A	0.67	U
METHYL BUTYL KETONE	4.7	U	4.5	U	4.7	UJ	N/A	N/A	4.4	U
METHYL ETHYL KETONE	9	U	7.5		6.5	UJ	N/A	N/A	1.7	J
METHYL ISOBUTYL KETONE	4.7	U	4.5	U	4.7	UJ	N/A	N/A	4.4	U
METHYL METHACRYLATE	0.62	J	7		10	J	N/A	N/A	1.5	
METHYL T-BUTYL ETHER (MTBE)	0.63	J	1.3		0.66	J	N/A	N/A	4.7	
METHYLCYCLOHEXANE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.33	J
METHYLENE CHLORIDE	0.35	J	0.52	J	0.48	J	N/A	N/A	0.34	J
N-BUTYLBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
N-PROPYLBENZENE	0.31	J	1.1	U	1.2	UJ	N/A	N/A	0.32	J
O-CHLOROTOLUENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-XYLENE	0.74	J	0.47	J	0.5	J	N/A	N/A	1	J
P-CHLOROTOLUENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
SEC-BUTYLBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
STYRENE	0.24	J	0.43	J	0.97	J	N/A	N/A	0.83	J
TERT-BUTYLBENZENE	1.4	U	1.4	U	1.4	UJ	N/A	N/A	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.31	J	1.6	U	1.6	UJ	N/A	N/A	0.24	J
TOLUENE	5.9		33		12	J	N/A	N/A	26	
TRANS-1,2-DICHLOROETHENE	0.93	U	0.9	U	0.94	UJ	N/A	N/A	0.89	U
TRANS-1,3-DICHLOROPROPENE	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.2	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.4		1.9		2.5	J	N/A	N/A	1.4	
VINYL CHLORIDE	0.48	J	0.68	U	0.7	UJ	N/A	N/A	0.67	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	N/A	N/A	0.26		N/A	N/A	0.4		---	NA	N/A	N/A
ANTIMONY	N/A	N/A	N/A	N/A	0.00029		N/A	N/A	0.012	U	---	NA	N/A	N/A
ARSENIC	N/A	N/A	N/A	N/A	0.0063		N/A	N/A	0.0017		---	NA	N/A	N/A
BARIUM	N/A	N/A	N/A	N/A	0.0094		N/A	N/A	0.0096		---	NA	N/A	N/A
BERYLLIUM	N/A	N/A	N/A	N/A	0.000016	U	N/A	N/A	0.000021		---	NA	N/A	N/A
BORON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
CADMIUM	N/A	N/A	N/A	N/A	0.00031	U	N/A	N/A	0.00046	U	---	NA	N/A	N/A
CALCIUM	N/A	N/A	N/A	N/A	2.3		N/A	N/A	3.7		---	NA	N/A	N/A
CHROMIUM	N/A	N/A	N/A	N/A	0.003		N/A	N/A	0.0028		---	NA	N/A	N/A
COBALT	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.0015	U	---	NA	N/A	N/A
COPPER	N/A	N/A	N/A	N/A	0.14		N/A	N/A	0.1		---	NA	N/A	N/A
IRON	N/A	N/A	N/A	N/A	0.38		N/A	N/A	0.45		---	NA	N/A	N/A
LEAD	N/A	N/A	N/A	N/A	0.0046	U	N/A	N/A	0.012	U	---	NA	N/A	N/A
MAGNESIUM	N/A	N/A	N/A	N/A	0.66	U	N/A	N/A	0.62		---	NA	N/A	N/A
MANGANESE	N/A	N/A	N/A	N/A	0.014		N/A	N/A	0.013		---	NA	N/A	N/A
MOLYBDENUM	N/A	N/A	N/A	N/A	0.0016	U	N/A	N/A	0.0015	U	---	NA	N/A	N/A
NICKEL	N/A	N/A	N/A	N/A	0.0041	J	N/A	N/A	0.0031		---	NA	N/A	N/A
POTASSIUM	N/A	N/A	N/A	N/A	0.27		N/A	N/A	0.61	U	---	NA	N/A	N/A
SELENIUM	N/A	N/A	N/A	N/A	0.00073		N/A	N/A	0.012	U	---	NA	N/A	N/A
SILVER	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.0015	U	---	NA	N/A	N/A
SODIUM	N/A	N/A	N/A	N/A	1		N/A	N/A	0.82		---	NA	N/A	N/A
STRONTIUM	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.0035		---	NA	N/A	N/A
TELLURIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
THALLIUM	N/A	N/A	N/A	N/A	0.000027		N/A	N/A	0.000077	U	---	NA	N/A	N/A
TIN	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.0061	U	---	NA	N/A	N/A
TITANIUM	N/A	N/A	N/A	N/A	0.0059		N/A	N/A	0.006		---	NA	N/A	N/A
TOTAL MERCURY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
VANADIUM	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.0031	U	---	NA	N/A	N/A
YTTRIUM	N/A	N/A	N/A	N/A	0.0033	U	N/A	N/A	0.00092	U	---	NA	N/A	N/A
ZINC	N/A	N/A	N/A	N/A	0.038		N/A	N/A	0.066		---	NA	N/A	N/A
ZIRCONIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	N/A	N/A	N/A	N/A	0.82		0.68	U	0.68	U	0.67	U	0.69	
HF (CALCULATED FROM F)	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	2.7	A	15	A	N/A	N/A	4.2		22		2.3		5.3	
ANTIMONY	0.0062	U	0.0057	U	N/A	N/A	0.0058	U	0.0023		0.00091		0.00038	
ARSENIC	0.0097	A	0.0016	A	N/A	N/A	0.0021		0.0025		0.0017		0.00065	
BARIUM	0.011	A	0.009	A	N/A	N/A	0.017		0.024		0.0091		0.011	
BERYLLIUM	0.000021	A	0.000034	A	N/A	N/A	0.000042		0.000066		0.00015	U	0.00014	U
BORON	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00047	AJ	0.0086	U	N/A	N/A	0.00092		0.00095		0.00026		0.00087	
CALCIUM	4.2	A	10	A	N/A	N/A	8		15		3.5		5	
CHROMIUM	0.0032		0.003	A	N/A	N/A	0.0037		0.0061		0.0029		0.0031	
COBALT	0.0016	U	0.0014	U	N/A	N/A	0.0014	U	0.0029	U	0.003	U	0.0029	U
COPPER	0.13	A	0.17	A	N/A	N/A	0.25		0.29		0.36		0.41	
IRON	0.42	A	0.39	A	N/A	N/A	0.68		1.3		0.31		0.51	
LEAD	0.0062	U	0.013	A	N/A	N/A	0.009		0.013		0.0049		0.0041	
MAGNESIUM	0.64	A	0.61	A	N/A	N/A	1.2	J	1		0.37		0.68	
MANGANESE	0.014	A	0.015	A	N/A	N/A	0.03		0.029		0.0083		0.016	
MOLYBDENUM	0.0016	U	0.0014	U	N/A	N/A	0.0017		0.0035		0.0015	U	0.0014	U
NICKEL	0.00052		0.0041	A	N/A	N/A	0.0056		0.0069		0.0049		0.0044	
POTASSIUM	0.62	U	0.15	A	N/A	N/A	0.24		0.58	U	0.6	U	0.58	U
SELENIUM	0.0062	U	0.0029	U	N/A	N/A	0.0031		0.0058	U	0.006	U	0.0058	U
SILVER	0.0016	UJ	0.0014	UJ	N/A	N/A	0.0014	UJ	0.029	UJ	0.003	UJ	0.0029	UJ
SODIUM	0.71	AJ	0.75	A	N/A	N/A	0.75		1.4	U	1.2		0.7	
STRONTIUM	0.0052	A	0.0079	A	N/A	N/A	0.011		0.011		0.0034		0.0043	
TELLURIUM	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000016	U	0.00011	U	N/A	N/A	0.000051		0.000042		0.000066		0.00004	
TIN	0.0062	U	0.0075	A	N/A	N/A	0.0058		0.0034		0.003	U	0.0029	U
TITANIUM	0.0086	A	0.01	A	N/A	N/A	0.017		0.058	U	0.0049		0.013	
TOTAL MERCURY	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0017	A	0.0026	A	N/A	N/A	0.0018		0.0062		0.003	U	0.0029	U
YTTRIUM	0.00093	U	0.00086	U	N/A	N/A	0.00086	U	0.0029	U	0.003	U	0.0029	U
ZINC	0.062	A	0.07	A	N/A	N/A	0.089		0.12		0.045		0.062	
ZIRCONIUM	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.71		N/A	N/A	0.62	U	N/A	N/A	0.63	U	0.62	U	0.62	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	---	NAI	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.46		0.28		0.78		5.8		0.37		10	A	0.2	
ANTIMONY	0.0058	U	0.0058	U	0.0058	U	0.0058	U	0.011	U	0.0058	U	0.011	U
ARSENIC	0.0017		0.0033		0.0021		0.0011		0.00062		0.0011		0.0012	
BARIUM	0.012		0.012		0.024		0.0099		0.013		0.0069	A	0.0071	
BERYLLIUM	0.000032		0.000029	U	0.000053		0.000029	U	0.000026		0.00005		0.000017	
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.0003		0.00058		0.00052		0.00058	U	0.0014	U	0.0014	U	0.0014	U
CALCIUM	4.1		2.9		8.4		4.5		5.8		6.6	A	1.3	
CHROMIUM	0.0035		0.003		0.0044		0.003		0.0036		0.0039		0.0027	
COBALT	0.0015	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
COPPER	0.38		0.23		0.24		0.11		0.1	J	0.046	A	0.22	
IRON	0.74		0.46		1		0.26		0.72		0.34	A	0.31	
LEAD	0.006	J	0.019	J	0.029	U	0.029	U	0.025		0.01	U	0.011	U
MAGNESIUM	0.62		0.26		1.2		0.21		0.87		0.36	U	0.15	
MANGANESE	0.017		0.014		0.04		0.0087		0.019		0.01		0.005	
MOLYBDENUM	0.0015	U	0.0014	U	0.0015		0.0014	U	0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0055		0.0036		0.004		0.0022		0.0029		0.0053		0.0036	
POTASSIUM	0.58	U	0.58	U	0.58	U	0.58	U	0.56	U	0.58	U	0.57	U
SELENIUM	0.0058	U	0.0058	U	0.0087	UJ	0.0058	UJ	0.011	U	0.0058	U	0.011	U
SILVER	0.0015	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.3		0.73		0.97		0.65		0.78		1.2	A	0.94	
STRONTIUM	0.0052		0.0059		0.011		0.0035		0.0064		0.0056	A	0.0026	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.00029	U	0.00029	U	0.000063		0.000029	U	0.000071	U	0.000072	U	0.000071	U
TIN	0.0058	U	0.0058	U	0.0058	U	0.0058	U	0.011	U	0.0058	U	0.011	U
TITANIUM	0.0072		0.0099		0.019		0.0043		0.0091		0.02	A	0.0048	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0021		0.0015		0.0027		0.0014		0.0014	U	0.0036	A	0.0014	U
YTTRIUM	0.00088	U	0.00086	U	0.00087	U	0.00087	U	0.00085	U	0.00086	U	0.00086	U
ZINC	0.059		0.047		0.069		0.044		0.092		0.11	A	0.05	U
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.2	U	0.63	U	0.63	U	0.66	U	0.63	U	0.63	U	0.63	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.47		0.22		5.1	A	0.2		1.4	A	0.48		0.3	A
ANTIMONY	0.012	U	0.0059	U	0.0057	U	0.0004		0.0013	A	0.00053		0.00044	A
ARSENIC	0.0024		0.00088		0.00087	A	0.00072		0.0018	A	0.00083		0.00086	A
BARIUM	0.018		0.009		0.0083	A	0.011		0.017	A	0.011		0.013	A
BERYLLIUM	0.000094		0.000018		0.000026	A	0.00002		0.00015	U	0.00015	U	0.00015	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.0015	U	0.0015	U	0.0086	U	0.00072	U	0.00038	A	0.00029	U	0.0004	A
CALCIUM	15		1.7		3.9	A	5.8		5.4	A	3.3		5.2	A
CHROMIUM	0.0045		0.003		0.0042	A	0.0044		0.0044	A	0.0025		0.024	A
COBALT	0.0015	U	0.0015	U	0.0014	U	0.0014	U	0.0015	U	0.0015	U	0.00073	U
COPPER	0.22		0.2		0.069	A	0.56		0.42	A	0.31		0.43	A
IRON	0.67		0.27		0.25	A	0.52		0.62	A	0.43		0.56	A
LEAD	0.01	U	0.01	U	0.015	U	0.01	U	0.011	A	0.0057		0.007	A
MAGNESIUM	0.6		0.26		0.17	A	1		0.84	A	0.62		0.76	A
MANGANESE	0.016		0.0069		0.0092		0.017		0.02	A	0.011		0.017	A
MOLYBDENUM	0.0016	U	0.0015	U	0.0014	U	0.0014	U	0.0024	A	0.0015	U	0.0015	U
NICKEL	0.0064		0.0027		0.0053	J	0.005		0.0059	A	0.0058		0.0046	AJ
POTASSIUM	0.59	U	0.59	U	1.1	U	0.57	U	0.6	U	0.59	U	0.29	U
SELENIUM	0.012	U	0.003	U	0.0022		0.0025		0.0031	A	0.0015		0.001	A
SILVER	0.0015	UJ	0.0015	U	0.00014	UJ	0.0014	U	0.0015	UJ	0.0015	UJ	0.0029	U
SODIUM	6.7		1.6		1.3	A	0.83		0.84	A	1.3		0.86	A
STRONTIUM	0.012		0.003		0.004	A	0.0048		0.0058	A	0.0046		0.0057	A
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000073	U	0.000074	U	0.000043	U	0.000072	U	0.00015	U	0.00015	U	0.00015	U
TIN	0.012	U	0.0059	U	0.0057	U	0.0057	U	0.0074	U	0.0073	U	0.0029	U
TITANIUM	0.013		0.0052		0.0061	A	0.006		0.0086	A	0.0065		0.0082	A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0018		0.0015	U	0.0028	U	0.0014	U	0.0018	A	0.0018		0.0015	U
YTTRIUM	0.00088	U	0.00089	U	0.00086	U	0.00086	U	0.00089	U	0.00088	U	0.00044	U
ZINC	0.093		0.047		0.1	A	0.063		0.059	A	0.052		0.073	A
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.63	U	0.63	U	1.3	U	0.63	U	1.3	U	1.3	U	1.3	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.65	U	0.32	U	0.65	U	0.65	U	0.65	U

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	4.3		0.41	A	3.9		6		N/A	N/A
ANTIMONY	0.0021		0.00028	A	0.00049		0.00077		N/A	N/A
ARSENIC	0.0017		0.0014	A	0.00068		0.0012		N/A	N/A
BARIUM	0.02		0.0064	A	0.011		0.016		N/A	N/A
BERYLLIUM	0.00015	U	0.00014	U	0.00014	U	0.00015	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.00039		0.00018		0.00026		0.00026		N/A	N/A
CALCIUM	15		3.1	A	5.8		7.5		N/A	N/A
CHROMIUM	0.0058		0.0034	A	0.0034		0.0039		N/A	N/A
COBALT	0.0015	U	0.00073	U	0.00073	U	0.0013		N/A	N/A
COPPER	0.19		0.48	A	0.29		0.64		N/A	N/A
IRON	0.95		0.29	A	0.58		0.78		N/A	N/A
LEAD	0.015		0.0036	A	0.0073	U	0.0082		N/A	N/A
MAGNESIUM	1.8		0.4	A	0.7		1		N/A	N/A
MANGANESE	0.035		0.0087	A	0.021		0.027		N/A	N/A
MOLYBDENUM	0.0017		0.0014	U	0.0014	U	0.0024		N/A	N/A
NICKEL	0.0079		0.0032	A	0.0046		0.0048		N/A	N/A
POTASSIUM	0.59	U	0.29	U	0.29	U	0.29	U	N/A	N/A
SELENIUM	0.0078		0.00058	U	0.00074		0.0016		N/A	N/A
SILVER	0.0015	UJ	0.0029	U	0.00021		0.0029	UJ	N/A	N/A
SODIUM	0.88		0.88	A	0.78		0.86		N/A	N/A
STRONTIUM	0.015		0.003	A	0.0062		0.0081		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00015	U	0.00014	U	0.00014	U	0.00015	U	N/A	N/A
TIN	0.0074	U	0.0029	U	0.0029	U	0.0029	U	N/A	N/A
TITANIUM	0.018		0.0041	A	0.0089		0.016		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0026		0.0014	U	0.0013		0.0018		N/A	N/A
YTTRIUM	0.00088	U	0.00044	U	0.00044	U	0.00044	U	N/A	N/A
ZINC	0.084		0.034	A	0.051		0.058		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.3	U	1.3	U	1.3	U	1.3	U	N/A	N/A
HF (CALCULATED FROM F)	0.66	U	0.65	U	0.65	U	0.65	U	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9.4E-06	J	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00013	J	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00022		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000033	JN	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000058	J	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000085	J	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000044	J	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000071	J	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00021		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00012		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000053	J	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00078	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000036	JN	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00017	U	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0019	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.016	U	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A2. Analytical Data
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	3		N/A	N/A	2.4		1.3		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.0087	J
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0056	J	0.0086	J
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.064	U	N/A	N/A	0.067	UJ	0.074	UJ	0.064	U
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.064	U	N/A	N/A	0.067	UJ	0.074	UJ	0.064	U
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.02	J	N/A	N/A	0.011	J	0.039	J	0.066	
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0064	J	0.007	J
2-NITROANILINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.0048	J	0.037	UJ	0.032	U
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
3-NITROANILINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.01	J
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
4-NITROANILINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.064	U	N/A	N/A	0.018	J	0.074	UJ	0.064	U
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0046	J	0.027	J
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
ACETOPHENONE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
ANTHRACENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.015	J
ATRAZINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.0053	J	0.037	UJ	0.032	U
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
CAPROLACTAM	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
CARBAZOLE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.0098	J
CHRYSENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.0034	J	0.0064	J	0.027	J
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.5		---	NA	1.2	J	3.1	J	1.9		2.1	J	1.8	J
(3-AND/OR 4-)METHYLPHENOL	0.0069	J	N/A	N/A	0.035	U	0.035	U	0.07	U	0.0048	J	0.009	J
1,1-BIPHENYL	0.011	J	N/A	N/A	0.0064	J	0.012	J	0.016	J	0.0056	J	0.004	J
1,2,4-TRICHLOROBENZENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,3,4,6-TETRACHLOROPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,4,5-TRICHLOROPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,4,6-TRICHLOROPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,4-DICHLOROPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,4-DIMETHYLPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,4-DINITROPHENOL	0.061	U	N/A	N/A	0.07	U	0.07	U	0.14	U	0.062	U	0.074	U
2,4-DINITROTOLUENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2,6-DINITROTOLUENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2-CHLORONAPHTHALENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2-CHLOROPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2-METHYL-4,6-DINITROPHENOL	0.061	U	N/A	N/A	0.07	U	0.07	U	0.14	U	0.062	U	0.074	U
2-METHYLNAPHTHALENE	0.071		N/A	N/A	0.056		0.077		0.085		0.056		0.057	J
2-METHYLPHENOL	0.0032	J	N/A	N/A	0.035	U	0.0066	J	0.07	U	0.0052	J	0.037	U
2-NITROANILINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
2-NITROPHENOL	0.03	U	N/A	N/A	0.035	U	0.0049	J	0.07	U	0.031	U	0.037	U
3,3'-DICHLOROBENZIDINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
3-NITROANILINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-BROMOPHENYL PHENYL ETHER	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-CHLORO-3-METHYLPHENOL	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-CHLOROANILINE	0.0097	J	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-CHLOROPHENYL PHENYL ETHER	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-NITROANILINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
4-NITROPHENOL	0.04	J	N/A	N/A	0.015	J	0.07	U	0.14	U	0.062	U	0.074	U
ACENAPHTHENE	0.012	J	N/A	N/A	0.0046	J	0.011	J	0.013	J	0.0064	J	0.0044	J
ACENAPHTHYLENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
ACETOPHENONE	0.03	U	N/A	N/A	0.085		0.035	U	0.07	U	0.031	U	0.23	J
ANTHRACENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
ATRAZINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZALDEHYDE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZO(A)ANTHRACENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZO(B)FLUORANTHENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZO(GHI)PERYLENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZO(K)FLUORANTHENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZO-A-PYRENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BENZYL BUTYL PHTHALATE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BIS(2-CHLOROETHOXY)METHANE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BIS(2-CHLOROETHYL) ETHER	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BIS(2-CHLOROISOPROPYL) ETHER	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.032		N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
CAPROLACTAM	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
CARBAZOLE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
CHRYSENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
DIBENZO(A,H)ANTHRACENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
DIBENZOFURAN	0.014	J	N/A	N/A	0.0082	J	0.015	J	0.018	J	0.007	J	0.0043	J
DIETHYL PHTHALATE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
DIMETHYL PHTHALATE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	3.2	J	---	NA	3.6	J	N/A	N/A	1.4	J	0.6	J	0.85	J
(3-AND/OR 4-)METHYLPHENOL	0.033	U	N/A	N/A	0.0075	J	N/A	N/A	0.0066	J	0.032	UJ	0.011	J
1,1-BIPHENYL	0.0072	J	N/A	N/A	0.014	J	N/A	N/A	0.033	U	0.032	UJ	0.0074	J
1,2,4-TRICHLOROBENZENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,3,4,6-TETRACHLOROPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,4,5-TRICHLOROPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,4,6-TRICHLOROPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,4-DICHLOROPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,4-DIMETHYLPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,4-DINITROPHENOL	0.067	U	N/A	N/A	0.067	U	N/A	N/A	0.066	U	0.064	UJ	0.067	U
2,4-DINITROTOLUENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2,6-DINITROTOLUENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2-CHLORONAPHTHALENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2-CHLOROPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2-METHYL-4,6-DINITROPHENOL	0.067	U	N/A	N/A	0.067	U	N/A	N/A	0.066	U	0.064	UJ	0.067	U
2-METHYLNAPHTHALENE	0.059		N/A	N/A	0.076		N/A	N/A	0.016	J	0.02	J	0.047	
2-METHYLPHENOL	0.033	U	N/A	N/A	0.0068	J	N/A	N/A	0.0052	J	0.032	UJ	0.006	J
2-NITROANILINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
2-NITROPHENOL	0.033	U	N/A	N/A	0.065		N/A	N/A	0.033	U	0.032	UJ	0.033	U
3,3'-DICHLOROBENZIDINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
3-NITROANILINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-BROMOPHENYL PHENYL ETHER	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-CHLORO-3-METHYLPHENOL	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-CHLOROANILINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-CHLOROPHENYL PHENYL ETHER	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-NITROANILINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
4-NITROPHENOL	0.067	U	N/A	N/A	0.067	U	N/A	N/A	0.066	U	0.064	UJ	0.067	U
ACENAPHTHENE	0.005	J	N/A	N/A	0.0071	J	N/A	N/A	0.033	U	0.032	UJ	0.033	U
ACENAPHTHYLENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.0083	J
ACETOPHENONE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.3		0.032	UJ	0.033	U
ANTHRACENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
ATRAZINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZALDEHYDE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZO(A)ANTHRACENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZO(B)FLUORANTHENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZO(GHI)PERYLENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZO(K)FLUORANTHENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZO-A-PYRENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BENZYL BUTYL PHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BIS(2-CHLOROETHOXY)METHANE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BIS(2-CHLOROETHYL) ETHER	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
CAPROLACTAM	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
CARBAZOLE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
CHRYSENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
DIBENZO(A,H)ANTHRACENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
DIBENZOFURAN	0.0073	J	N/A	N/A	0.0095	J	N/A	N/A	0.033	U	0.032	UJ	0.0044	J
DIETHYL PHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
DIMETHYL PHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2		2.7	J	0.64		1.1	J	1.4	J	0.9	J	0.94	J
(3-AND/OR 4-)METHYLPHENOL	0.026	J	0.029	U	0.032	U	0.033	U	0.038	U	0.066	U	0.036	U
1,1-BIPHENYL	0.013	J	0.0044	J	0.0036	J	0.0035	J	0.0048	J	0.0079	J	0.0046	J
1,2,4-TRICHLOROBENZENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,3,4,6-TETRACHLOROPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,4,5-TRICHLOROPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,4,6-TRICHLOROPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,4-DICHLOROPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,4-DIMETHYLPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,4-DINITROPHENOL	0.069	U	0.058	U	0.063	U	0.066	U	0.075	U	0.033	U	0.072	U
2,4-DINITROTOLUENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2,6-DINITROTOLUENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2-CHLORONAPHTHALENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2-CHLOROPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2-METHYL-4,6-DINITROPHENOL	0.069	U	0.058	U	0.063	U	0.066	U	0.075	U	0.033	U	0.072	U
2-METHYLNAPHTHALENE	0.063		0.027	J	0.038		0.008	J	0.034	J	0.034		0.047	JN
2-METHYLPHENOL	0.012	J	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2-NITROANILINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
2-NITROPHENOL	0.013	J	0.029	U	0.032	U	0.033	U	0.038	U	0.0067	J	0.0068	J
3,3'-DICHLOROBENZIDINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
3-NITROANILINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-BROMOPHENYL PHENYL ETHER	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-CHLORO-3-METHYLPHENOL	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-CHLOROANILINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-CHLOROPHENYL PHENYL ETHER	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-NITROANILINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
4-NITROPHENOL	0.012	J	0.058	U	0.063	U	0.066	U	0.075	U	0.033	U	0.072	U
ACENAPHTHENE	0.0046	J	0.029	U	0.0033	J	0.033	U	0.038	U	0.033	U	0.036	U
ACENAPHTHYLENE	0.0096	J	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
ACETOPHENONE	0.034	U	0.029	U	0.032	U	0.065	J	0.038	U	0.059		0.09	
ANTHRACENE	0.0039	J	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
ATRAZINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZALDEHYDE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZO(A)ANTHRACENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZO(B)FLUORANTHENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZO(GHI)PERYLENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZO(K)FLUORANTHENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZO-A-PYRENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BENZYL BUTYL PHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BIS(2-CHLOROETHOXY)METHANE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BIS(2-CHLOROETHYL) ETHER	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BIS(2-CHLOROISOPROPYL) ETHER	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
CAPROLACTAM	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
CARBAZOLE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
CHRYSENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
DIBENZO(A,H)ANTHRACENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
DIBENZOFURAN	0.0082	J	0.0032	J	0.0032	J	0.033	U	0.038	U	0.0033	J	0.036	U
DIETHYL PHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
DIMETHYL PHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	N/A	N/A	1.5		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
1,1-BIPHENYL	0.0064	J	0.0039	J	N/A	N/A	0.0062	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,4-DICHLOROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,4-DINITROPHENOL	0.068	U	0.062	U	N/A	N/A	0.076	U	N/A	N/A
2,4-DINITROTOLUENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2,6-DINITROTOLUENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2-CHLORONAPHTHALENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2-CHLOROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.068	U	0.062	U	N/A	N/A	0.076	U	N/A	N/A
2-METHYLNAPHTHALENE	0.042		0.02	J	N/A	N/A	0.058		N/A	N/A
2-METHYLPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2-NITROANILINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
2-NITROPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
3-NITROANILINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-CHLOROANILINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-NITROANILINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
4-NITROPHENOL	0.068	U	0.062	U	N/A	N/A	0.076	U	N/A	N/A
ACENAPHTHENE	0.0036	J	0.031	U	N/A	N/A	0.038	U	N/A	N/A
ACENAPHTHYLENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
ACETOPHENONE	0.034	U	0.11	J	N/A	N/A	0.038	U	N/A	N/A
ANTHRACENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
ATRAZINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZALDEHYDE	0.034	U	0.42	J	N/A	N/A	0.038	U	N/A	N/A
BENZO(A)ANTHRACENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZO(GHI)PERYLENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZO-A-PYRENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
CAPROLACTAM	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
CARBAZOLE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
CHRYSENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
DIBENZOFURAN	0.0055	J	0.031	U	N/A	N/A	0.0044	J	N/A	N/A
DIETHYL PHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
DIMETHYL PHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
FLUORANTHENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0092	J	0.04	J
FLUORENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0053	J	0.031	J
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
ISOPHORONE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
NAPHTHALENE	N/A	N/A	N/A	N/A	0.027	J	N/A	N/A	0.0056	J	0.065	J	0.14	
NITROBENZENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.037	UJ	0.032	U
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.064	U	N/A	N/A	0.067	UJ	0.074	UJ	0.0092	J
PHENANTHRENE	N/A	N/A	N/A	N/A	0.0067	J	N/A	N/A	0.0086	J	0.027	J	0.14	
PHENOL	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.024	J	0.073	J	0.06	
PYRENE	N/A	N/A	N/A	N/A	0.032	U	N/A	N/A	0.033	UJ	0.0068	J	0.026	J

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
DI-N-OCTYLPHTHALATE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
FLUORANTHENE	0.0073	J	N/A	N/A	0.0056	J	0.0074	J	0.0095	J	0.031	U	0.037	U
FLUORENE	0.012	J	N/A	N/A	0.0054	U	0.012	J	0.013	J	0.0058	J	0.0043	J
HEXACHLOROBENZENE (HCB)	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
HEXACHLOROBUTADIENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
HEXACHLOROETHANE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
INDENO (1,2,3-CD) PYRENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
ISOPHORONE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
NAPHTHALENE	0.091		N/A	N/A	0.084		0.13		0.14		0.1		0.068	J
NITROBENZENE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
N-NITROSODI-N-PROPYLAMINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.03	U	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.037	U
PENTACHLOROPHENOL	0.013	J	N/A	N/A	0.07	U	0.0089	J	0.14	U	0.011	J	0.074	U
PHENANTHRENE	0.031		N/A	N/A	0.019	J	0.032	J	0.039	J	0.013	J	0.011	J
PHENOL	0.025	J	N/A	N/A	0.035	U	0.035	U	0.07	U	0.031	U	0.028	J
PYRENE	0.0035	J	N/A	N/A	0.0049	J	0.0036	J	0.07	U	0.031	U	0.037	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
DI-N-OCTYLPHTHALATE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
FLUORANTHENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
FLUORENE	0.0061	J	N/A	N/A	0.0071	J	N/A	N/A	0.033	U	0.032	UJ	0.0043	J
HEXACHLOROBENZENE (HCB)	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
HEXACHLOROBUTADIENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
HEXACHLOROETHANE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
INDENO (1,2,3-CD) PYRENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
ISOPHORONE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
NAPHTHALENE	0.097		N/A	N/A	0.12		N/A	N/A	0.047		0.044	J	0.13	
NITROBENZENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
N-NITROSODI-N-PROPYLAMINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U
PENTACHLOROPHENOL	0.067	U	N/A	N/A	0.067	U	N/A	N/A	0.066	U	0.064	UJ	0.067	U
PHENANTHRENE	0.013	J	N/A	N/A	0.014	J	N/A	N/A	0.033	U	0.016	J	0.0089	J
PHENOL	0.036		N/A	N/A	0.047		N/A	N/A	0.015	J	0.032	UJ	0.052	
PYRENE	0.033	U	N/A	N/A	0.033	U	N/A	N/A	0.033	U	0.032	UJ	0.033	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
DI-N-OCTYLPHTHALATE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
FLUORANTHENE	0.011	J	0.029	U	0.032	U	0.033	U	0.038	U	0.0035	J	0.036	U
FLUORENE	0.0089	J	0.029	U	0.0033	J	0.033	U	0.038	U	0.033	U	0.036	U
HEXACHLOROBENZENE (HCB)	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
HEXACHLOROBUTADIENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
HEXACHLOROETHANE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
INDENO (1,2,3-CD) PYRENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
ISOPHORONE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
NAPHTHALENE	0.16		0.062		0.095		0.022	J	0.087		0.062		0.089	
NITROBENZENE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
N-NITROSODI-N-PROPYLAMINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.034	U	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U
PENTACHLOROPHENOL	0.069	U	0.058	U	0.063	U	0.066	U	0.075	U	0.033	U	0.072	U
PHENANTHRENE	0.039		0.0038	J	0.0089	J	0.0045	J	0.0063	J	0.009	J	0.0051	J
PHENOL	0.049		0.033		0.032	U	0.11		0.038	U	0.033	U	0.042	
PYRENE	0.0093	J	0.029	U	0.032	U	0.033	U	0.038	U	0.033	U	0.036	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
FLUORANTHENE	0.007	J	0.031	U	N/A	N/A	0.038	U	N/A	N/A
FLUORENE	0.0051	J	0.031	U	N/A	N/A	0.0045	J	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
HEXACHLOROBUTADIENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
HEXACHLOROETHANE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
ISOPHORONE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
NAPHTHALENE	0.091		0.049	J	N/A	N/A	0.092		N/A	N/A
NITROBENZENE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.034	U	0.031	U	N/A	N/A	0.038	U	N/A	N/A
PENTACHLOROPHENOL	0.0069	J	0.062	U	N/A	N/A	0.076	U	N/A	N/A
PHENANTHRENE	0.019	J	0.0042	J	N/A	N/A	0.0098	J	N/A	N/A
PHENOL	0.034	U	0.087	J	N/A	N/A	0.038	U	N/A	N/A
PYRENE	0.0047	J	0.031	U	N/A	N/A	0.038	U	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.5	J	2.5	J	3.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	J
1,1,1,2-TETRACHLOROETHANE	2	UJ	2	UJ	2	UJ	2.4	U	N/A	N/A	2.4	U	1.9	U
1,1,1-TRICHLOROETHANE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
1,1,2,2-TETRACHLOROETHANE	2	UJ	2	UJ	2	UJ	2.4	U	N/A	N/A	2.4	U	1.9	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.8	J	0.6	J	0.62	J	---	NA	N/A	N/A	---	NA	0.58	J
1,1,2-TRICHLOROETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
1,1-DICHLOROETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
1,1-DICHLOROPROPENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
1,2,3-TRICHLOROBENZENE	2.2	UJ	2.2	UJ	2.4	UJ	2.4	U	N/A	N/A	2.4	U	2.1	U
1,2,3-TRICHLOROPROPANE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
1,2,4-TRIMETHYLBENZENE	0.49	J	0.95	J	1.5	UJ	2.4	U	N/A	N/A	2.4	U	0.54	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	UJ	2.9	UJ	3	UJ	2.4	U	N/A	N/A	2.4	U	2.8	U
1,2-DIBROMOETHANE (EDB)	2.2	UJ	2.2	UJ	2.4	UJ	2.4	U	N/A	N/A	2.4	U	2.1	U
1,2-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
1,2-DICHLOROETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
1,2-DICHLOROPROPANE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	UJ	2	UJ	2	UJ	---	NA	N/A	N/A	---	NA	1.9	U
1,3,5-TRIMETHYLBENZENE	1.4	UJ	0.3	J	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
1,3-BUTADIENE	7.5	J	1.2	J	0.59	UJ	6.7		N/A	N/A	2.4	U	4.1	
1,3-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
1,3-DICHLOROPROPANE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
1,4-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
2,2-DICHLOROPROPANE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.1	UJ	5.1	J	1.2	UJ	---	NA	N/A	N/A	---	NA	18	
ACETONE	12	J	19	J	250	J	---	NA	N/A	N/A	---	NA	11	
ACRYLONITRILE	1.8	UJ	5.2	UJ	4.2	UJ	---	NA	N/A	N/A	---	NA	1.8	U
BENZENE	1.4	J	2.1	J	0.62	J	2.4	U	N/A	N/A	2.4	U	5	U
BROMOBENZENE	2	UJ	2	UJ	2	UJ	2.4	U	N/A	N/A	2.4	U	1.9	U
BROMOCHLOROMETHANE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
BROMODICHLOROMETHANE	2	UJ	2	UJ	0.55	J	---	NA	N/A	N/A	2.4	U	1.9	U
BROMOFORM	9.1	UJ	9.1	UJ	9.4	UJ	2.4	U	N/A	N/A	2.4	U	8.6	U
BROMOMETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
BUTYL ACRYLATE	14	UJ	14	UJ	15	UJ	---	NA	N/A	N/A	---	NA	14	U
CARBON DISULFIDE	0.85	UJ	4.2	UJ	6.2	UJ	2.4	U	N/A	N/A	2.5		2.9	J
CARBON TETRACHLORIDE	0.68	J	0.62	J	0.49	J	2.4	U	N/A	N/A	2.4	U	0.58	J
CHLOROBENZENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
CHLORODIFLUOROMETHANE	1.5	J	18	J	0.52	J	---	NA	N/A	N/A	---	NA	5.6	
CHLOROETHANE	0.85	UJ	0.86	UJ	0.5	J	2.4	U	N/A	N/A	2.4	U	0.8	U
CHLOROFORM	1.4	UJ	0.71	J	28	J	2.4	U	N/A	N/A	2.4	U	1.1	J
CHLOROMETHANE	1.4	J	1.2	J	1.9	J	2.4	U	N/A	N/A	2.4	U	1.1	
CIS-1,2-DICHLOROETHENE	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
CIS-1,3-DICHLOROPROPENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
CYCLOHEXANE	1.1	UJ	5.8	UJ	5.9	UJ	---	NA	N/A	N/A	---	NA	5.4	U
DIBROMOCHLOROMETHANE	2.5	UJ	2.6	UJ	2.6	UJ	2.4	U	N/A	N/A	2.4	U	2.4	U
DIBROMOMETHANE	2	UJ	2	UJ	2	UJ	2.4	U	N/A	N/A	2.4	U	1.9	U
DICHLORODIFLUOROMETHANE	3.6	J	3	J	2.2	J	21	J	N/A	N/A	14	J	2.9	
ETHYL ACRYLATE	3.8	J	5.8	UJ	5.9	UJ	---	NA	N/A	N/A	---	NA	0.98	J
ETHYL BENZENE	0.49	J	0.7	J	1.5	UJ	---	NA	N/A	N/A	2.4	U	0.39	J
HEXACHLORO-1,3-BUTADIENE	3.1	UJ	3.1	UJ	3.2	UJ	2.4	U	N/A	N/A	2.4	U	3	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.8	J	1	J	1.6	J	1.6	J	0.79	J	N/A	N/A	3.9	
1,1,1,2-TETRACHLOROETHANE	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
1,1,1-TRICHLOROETHANE	1.2	U	1.4	U	0.31	J	0.3	J	0.29	J	N/A	N/A	1.3	U
1,1,2,2-TETRACHLOROETHANE	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.6	J	0.61	J	1.8	J	0.72	J	0.85	J	N/A	N/A	0.5	J
1,1,2-TRICHLOROETHANE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
1,1-DICHLOROETHANE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
1,1-DICHLOROPROPENE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
1,2,3-TRICHLOROBENZENE	2	U	2.2	U	2.4	U	2	U	2.3	U	N/A	N/A	2.1	U
1,2,3-TRICHLOROPROPANE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
1,2,4-TRIMETHYLBENZENE	1.1	J	2.2		1.6		0.88	J	1.4	U	N/A	N/A	2.4	
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.5	U	2.9	U	2.9	U	2.5	U	2.8	U	N/A	N/A	2.7	U
1,2-DIBROMOETHANE (EDB)	2	U	2.2	U	2.4	U	2	U	2.3	U	N/A	N/A	2.1	U
1,2-DICHLOROBENZENE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
1,2-DICHLOROETHANE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
1,2-DICHLOROPROPANE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
1,3,5-TRIMETHYLBENZENE	0.34	J	0.78	J	0.56	J	0.29	J	1.4	U	N/A	N/A	0.83	J
1,3-BUTADIENE	0.86		0.58	U	1.9		3		0.56	U	N/A	N/A	5.4	
1,3-DICHLOROBENZENE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
1,3-DICHLOROPROPANE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
1,4-DICHLOROBENZENE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
2,2-DICHLOROPROPANE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	25		19		64		20		1.1	U	N/A	N/A	31	
ACETONE	12		12		15	J	26	J	49		N/A	N/A	14	
ACRYLONITRILE	1.9	U	5.2	U	8.1	U	5.7	U	7	U	N/A	N/A	6.5	U
BENZENE	1.2		0.6	J	1.1		1		0.77	J	N/A	N/A	0.85	
BROMOBENZENE	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
BROMOCHLOROMETHANE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
BROMODICHLOROMETHANE	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
BROMOFORM	8.2	U	9.1	U	9.4	U	8.1	U	9	U	N/A	N/A	8.6	U
BROMOMETHANE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
BUTYL ACRYLATE	12	U	14	U	15	U	12	U	14	U	N/A	N/A	13	U
CARBON DISULFIDE	6.2	U	4.2	U	18	U	22	U	4.7	U	N/A	N/A	15	U
CARBON TETRACHLORIDE	0.58	J	0.56	J	0.72	J	0.68	J	0.81	J	N/A	N/A	0.48	J
CHLOROBENZENE	1.2	U	1.4	U	2	U	1.2	U	1.4	U	N/A	N/A	1.3	U
CHLORODIFLUOROMETHANE	210		140		100		19		3.9		N/A	N/A	55	
CHLOROETHANE	0.78	U	0.86	U	0.88	U	0.76	U	0.85	U	N/A	N/A	0.8	U
CHLOROFORM	1.9		1.4	J	3.5		0.52	J	1.4	U	N/A	N/A	0.36	J
CHLOROMETHANE	1		0.89		1.1		1		1.6		N/A	N/A	0.93	
CIS-1,2-DICHLOROETHENE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
CIS-1,3-DICHLOROPROPENE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
CYCLOHEXANE	5.1	U	5.8	U	5.9	U	5.1	U	5.6	U	N/A	N/A	0.89	J
DIBROMOCHLOROMETHANE	2.2	U	2.6	U	2.6	U	2.2	U	2.5	U	N/A	N/A	2.4	U
DIBROMOMETHANE	1.8	U	2	U	2	U	1.8	U	2	U	N/A	N/A	1.9	U
DICHLORODIFLUOROMETHANE	6.4		5.1		5.6		3.8		4.5	J	N/A	N/A	3	
ETHYL ACRYLATE	5.1	U	5.8	U	5.9	U	5.1	U	5.6	U	N/A	N/A	1.4	J
ETHYL BENZENE	0.59	J	0.32	J	0.48	J	0.56	J	0.3	J	N/A	N/A	1.3	J
HEXACHLORO-1,3-BUTADIENE	2.9	U	3.1	U	3.2	U	2.8	U	3.1	U	N/A	N/A	2.9	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.6	AJ	1.6	AJ	2.7	J	1.9	J	0.42	J	0.8	J	1.2	J
1,1,1,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	0.31	J	0.27	J	0.28	J	0.36	J	0.24	J
1,1,2,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.6	AJ	0.52	AJ	0.74	J	0.52	J	0.78	J	0.79	J	0.51	J
1,1,2-TRICHLOROETHANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	U	1.3	U	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.86	U	0.87	U	0.86	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.86	U	0.87	U	0.86	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	2.3	U	2.2	U	2.3	UJ	1.8	UJ	1.7	U	1.7	U	1.7	U
1,2,3-TRICHLOROPROPANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	U	1.3	U	1.3	U
1,2,4-TRIMETHYLBENZENE	0.52	AJ	0.46	AJ	0.88	J	1.6	J	1.1	U	0.96	J	0.28	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	2.8	U	2.9	UJ	11	UJ	11	U	11	U	2.2	U
1,2-DIBROMOETHANE (EDB)	2.3	U	2.2	U	2.3	UJ	1.8	UJ	1.7	U	1.7	U	1.7	U
1,2-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	U	1.3	U	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.86	U	0.87	U	0.86	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
1,3,5-TRIMETHYLBENZENE	1.5	U	1.4	U	1.4	UJ	0.56	J	1.1	U	1.1	U	1.1	U
1,3-BUTADIENE	0.58	U	3.2	A	7.3	J	0.32	J	57	J	0.59		1.8	
1,3-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	U	1.3	U	1.3	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
1,4-DICHLOROBENZENE	1.7	U	1.7	U	0.29	J	1.4	UJ	1.3	U	1.3	U	1.3	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	0.5	AJ	1.2	UJ	20	J	0.86	U	0.87	U	2.7	
ACETONE	12	A	40	AJ	21	J	10	J	9.4		14	U	7.5	
ACRYLONITRILE	3.5	U	2.2	U	0.58	UJ	3	UJ	3.2	U	1.9		2.3	U
BENZENE	1.4	A	1.4	A	2.6	J	1.4	J	0.74		0.77		1.5	
BROMOBENZENE	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
BROMODICHLOROMETHANE	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
BROMOFORM	9.3	U	9	U	9.2	UJ	7.3	UJ	6.9	U	6.9	U	6.9	U
BROMOMETHANE	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.65	U	0.87	U	0.86	U
BUTYL ACRYLATE	15	U	14	U	14	UJ	5.7	UJ	5.4	U	5.4	U	1.1	U
CARBON DISULFIDE	11	U	4.2	U	8	UJ	12	UJ	2.3	U	1.8	U	4.5	U
CARBON TETRACHLORIDE	0.55	AJ	0.51	AJ	0.74	J	0.64	J	0.78	J	0.9	J	0.59	J
CHLOROBENZENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	0.9	AJ	1.6	A	2.5	J	160	J	3.7		4.1		1.5	
CHLOROETHANE	0.87	U	0.84	U	0.87	UJ	0.68	UJ	0.65	U	0.65	U	0.65	U
CHLOROFORM	1.8	A	1.7	A	1.3	J	1.3	J	1.1	U	0.42	J	0.39	J
CHLOROMETHANE	0.98	A	0.91	A	1.1	J	1.2	J	2.2		1.5		1.2	
CIS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.86	U	0.87	U	0.86	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
CYCLOHEXANE	5.8	U	5.6	U	0.68	J	4.5	UJ	4.3	U	4.3	U	0.86	U
DIBROMOCHLOROMETHANE	2.6	U	2.5	U	2.6	UJ	2	UJ	1.9	U	2	U	1.9	U
DIBROMOMETHANE	2	U	2	U	2	UJ	1.6	UJ	1.5	U	1.5	U	1.5	U
DICHLORODIFLUOROMETHANE	2.6	A	2.6	A	3.4	J	4.3	J	3.5		3.6		2.4	
ETHYL ACRYLATE	5.8	U	5.6	U	0.84	J	4.5	UJ	0.55	J	4.3	U	0.86	U
ETHYL BENZENE	0.46	AJ	0.49	AJ	0.81	J	0.56	J	1.1	U	0.36	J	0.48	J
HEXACHLORO-1,3-BUTADIENE	3.2	U	3.1	U	3.2	UJ	2.5	UJ	2.4	U	2.4	U	2.4	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	---	NA	1.5	J	2.4	J	1.1	J	1.4	J	1.1	J	2.3	AJ
1,1,1,2-TETRACHLOROETHANE	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
1,1,1-TRICHLOROETHANE	---	NA	0.26	J	0.29	J	0.25	J	0.34	J	0.23	J	1.1	U
1,1,2,2-TETRACHLOROETHANE	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	---	NA	0.58	J	0.63	J	0.64	J	0.82	J	0.65	J	0.55	AJ
1,1,2-TRICHLOROETHANE	---	NA	1.5	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
1,1-DICHLOROETHANE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
1,1-DICHLOROPROPENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	---	NA	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
1,2,3-TRICHLOROPROPANE	---	NA	1.3	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
1,2,4-TRIMETHYLBENZENE	---	NA	0.59	J	1.2		0.3	J	0.43	J	0.51	J	0.94	AJ
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	---	NA	2.2	U	2.2	U	2.3	U	2.2	U	2.3	U	2.2	U
1,2-DIBROMOETHANE (EDB)	---	NA	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U
1,2-DICHLOROBENZENE	---	NA	1.3	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
1,2-DICHLOROETHANE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
1,2-DICHLOROPROPANE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
1,3,5-TRIMETHYLBENZENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,3-BUTADIENE	---	NA	1.9		0.44	U	13	J	0.44	U	0.45	U	22	A
1,3-DICHLOROBENZENE	---	NA	1.3	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
1,3-DICHLOROPROPANE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,4-DICHLOROBENZENE	---	NA	1.3	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
2,2-DICHLOROPROPANE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	---	NA	7.2		47		0.9	UJ	1.5		0.91	U	4.4	A
ACETONE	---	NA	23	U	6.1		30	UJ	11	J	26	U	25	U
ACRYLONITRILE	---	NA	2.5	U	1.2	U	2.6	UJ	4.8	U	2.4	U	3.8	U
BENZENE	---	NA	1.4		1.7		1.2	J	1.9		1		1.8	A
BROMOBENZENE	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
BROMOCHLOROMETHANE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
BROMODICHLOROMETHANE	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
BROMOFORM	---	NA	7.1	U	7.1	U	7.2	UJ	7.1	U	7.3	U	7	U
BROMOMETHANE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
BUTYL ACRYLATE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	0.79	AJ
CARBON DISULFIDE	---	NA	24	U	2.4	U	4.4	UJ	7	U	6	U	6.5	U
CARBON TETRACHLORIDE	---	NA	0.58	J	0.62	J	0.63	J	0.87	J	0.62	J	0.56	AJ
CHLOROBENZENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	---	NA	3.5		1000		0.79	J	32	J	1.7	J	0.66	AJ
CHLOROETHANE	---	NA	0.66	U	0.66	U	0.68	UJ	0.67	U	0.68	U	0.66	U
CHLOROFORM	---	NA	1.1	U	0.4	J	0.36	J	0.3	J	1.1	U	0.7	AJ
CHLOROMETHANE	---	NA	1.3		1.5		1.3	J	1.7		1.3	J	1.1	A
CIS-1,2-DICHLOROETHENE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
CIS-1,3-DICHLOROPROPENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CYCLOHEXANE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.3	AJ
DIBROMOCHLOROMETHANE	---	NA	2	U	2	U	2	UJ	2	U	2	U	2	U
DIBROMOMETHANE	---	NA	1.5	U	1.5	U	1.6	UJ	1.6	U	1.6	U	1.5	U
DICHLORODIFLUOROMETHANE	---	NA	2.5		21		2.6	J	4.3		2.7		2.2	AJ
ETHYL ACRYLATE	---	NA	0.88	U	0.88	U	0.56	J	0.89	U	0.91	U	0.34	AJ
ETHYL BENZENE	---	NA	0.45	J	0.63	J	0.37	J	0.4	J	0.34	J	0.62	AJ
HEXACHLORO-1,3-BUTADIENE	---	NA	2.4	U	2.4	U	2.5	U	2.4	U	2.5	U	2.4	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	1.4	J	0.85	J	0.59	J	N/A	N/A	2.7	J
1,1,1,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
1,1,1-TRICHLOROETHANE	0.24	J	0.3	J	0.32	J	N/A	N/A	0.3	J
1,1,2,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.57	J	0.68	J	0.66	J	N/A	N/A	0.65	J
1,1,2-TRICHLOROETHANE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
1,1-DICHLOROETHANE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.92	UJ
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.92	UJ
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.8	UJ	N/A	N/A	1.8	UJ
1,2,3-TRICHLOROPROPANE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
1,2,4-TRIMETHYLBENZENE	0.81	J	1.1	U	0.32	J	N/A	N/A	1.4	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.2	U	2.3	U	2.3	UJ	N/A	N/A	2.3	UJ
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.8	UJ	N/A	N/A	1.8	UJ
1,2-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
1,2-DICHLOROETHANE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.92	UJ
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
1,3-BUTADIENE	0.75	J	19		5.7	J	N/A	N/A	2.7	J
1,3-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
1,4-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	8.4		5.4		15	J	N/A	N/A	39	J
ACETONE	31	U	46	U	50	UJ	N/A	N/A	49	UJ
ACRYLONITRILE	10	U	6.5	U	6	UJ	N/A	N/A	8	UJ
BENZENE	1.2		0.97		0.67	J	N/A	N/A	1.9	J
BROMOBENZENE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
BROMODICHLOROMETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
BROMOFORM	7.1	U	7.2	U	7.2	UJ	N/A	N/A	7.3	UJ
BROMOMETHANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.92	UJ
BUTYL ACRYLATE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
CARBON DISULFIDE	14	U	16	U	12	UJ	N/A	N/A	14	UJ
CARBON TETRACHLORIDE	0.61	J	0.69	J	0.75	J	N/A	N/A	0.72	J
CHLOROBENZENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
CHLORODIFLUOROMETHANE	71		22		78	J	N/A	N/A	130	J
CHLOROETHANE	0.66	U	0.68	U	0.68	UJ	N/A	N/A	0.69	UJ
CHLOROFORM	0.5	J	0.3	J	0.44	J	N/A	N/A	1.2	J
CHLOROMETHANE	1.3		1.5		2.3	J	N/A	N/A	1.4	J
CIS-1,2-DICHLOROETHENE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.92	UJ
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
CYCLOHEXANE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.28	J
DIBROMOCHLOROMETHANE	2	U	2	U	2	UJ	N/A	N/A	2.1	UJ
DIBROMOMETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	UJ
DICHLORODIFLUOROMETHANE	4.3		4.2		---	NA	N/A	N/A	4.9	J
ETHYL ACRYLATE	0.88	U	0.68	J	0.9	UJ	N/A	N/A	0.45	J
ETHYL BENZENE	0.47	J	1.1	U	0.24	J	N/A	N/A	0.85	J
HEXACHLORO-1,3-BUTADIENE	2.4	U	2.5	U	2.5	UJ	N/A	N/A	2.5	UJ

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	3.2	J	6.4	J	1.5	J	---	NA	N/A	N/A	---	NA	1.9	
ISOPROPYLBENZENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
METHYL ACETATE	0.35	J	2.2	J	0.84	J	---	NA	N/A	N/A	---	NA	0.8	U
METHYL BUTYL KETONE	5.6	UJ	5.8	UJ	5.9	UJ	---	NA	N/A	N/A	---	NA	5.4	U
METHYL ETHYL KETONE	1.8	J	3.5	J	19	J	---	NA	N/A	N/A	---	NA	2	
METHYL ISOBUTYL KETONE	5.6	UJ	5.8	UJ	5.9	UJ	---	NA	N/A	N/A	---	NA	5.4	U
METHYL METHACRYLATE	24	J	2.8	J	1.2	UJ	---	NA	N/A	N/A	---	NA	21	
METHYL T-BUTYL ETHER (MTBE)	3.2	J	16	J	0.89	J	---	NA	N/A	N/A	---	NA	3.2	
METHYLCYCLOHEXANE	1.1	UJ	0.55	J	1.2	UJ	---	NA	N/A	N/A	---	NA	1.1	U
METHYLENE CHLORIDE	0.85	UJ	0.86	UJ	0.88	UJ	2.4	U	N/A	N/A	2.4	U	0.8	U
N-BUTYLBENZENE	1.8	UJ	8.6	UJ	8.8	UJ	2.4	U	N/A	N/A	2.4	U	8	U
N-PROPYLBENZENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
O-CHLOROTOLUENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
O-XYLENE	0.51	J	0.9	J	1.5	UJ	2.4	U	N/A	N/A	2.4	U	0.51	J
P-CHLOROTOLUENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
P-ISOPROPYLTOLUENE	1.8	UJ	8.6	UJ	8.8	UJ	2.4	U	N/A	N/A	2.4	U	8	U
SEC-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.8		N/A	N/A	3.6		1.6	U
STYRENE	0.81	J	5.8	UJ	5.9	UJ	110	U	N/A	N/A	110	U	0.79	J
TERT-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.4	U	N/A	N/A	2.4	U	1.6	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	6.2	UJ	0.36	J	2	UJ	2.4	U	N/A	N/A	2.4	U	1.9	U
TOLUENE	51	J	12	J	2.2	J	84		N/A	N/A	9.8		48	
TRANS-1,2-DICHLOROETHENE	1.1	UJ	1.2	UJ	1.2	UJ	2.4	U	N/A	N/A	2.4	U	1.1	U
TRANS-1,3-DICHLOROPROPENE	1.4	UJ	1.4	UJ	1.5	UJ	2.4	U	N/A	N/A	2.4	U	1.4	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	5	UJ	7.1	UJ	5.4	UJ	2.4	U	N/A	N/A	2.4	U	6.8	U
TRICHLOROFLUOROMETHANE (FREON 11)	2	J	1.5	J	1.2	J	2.4	U	N/A	N/A	2.4	U	1.5	J
VINYL CHLORIDE	0.85	UJ	0.86	UJ	0.88	UJ	2.4	U	N/A	N/A	2.4	U	0.8	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	2.6		1	J	2.5		5.5		0.91	J	N/A	N/A	14	
ISOPROPYLBENZENE	1.2	U	0.29	J	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
METHYL ACETATE	0.78	U	0.31	J	0.88	U	0.76	U	1.5		N/A	N/A	0.8	U
METHYL BUTYL KETONE	5.1	U	5.8	U	5.9	U	5.1	U	5.6	U	N/A	N/A	5.4	U
METHYL ETHYL KETONE	3		2.1		3.2		3.8		9.5	J	N/A	N/A	6.9	
METHYL ISOBUTYL KETONE	5.1	U	5.8	U	5.9	U	5.1	U	5.6	U	N/A	N/A	5.4	U
METHYL METHACRYLATE	3.4		1.2	U	1.6		0.91	J	1.1	U	N/A	N/A	16	
METHYL T-BUTYL ETHER (MTBE)	4.5		0.91	J	2.2		2.8		1.4		N/A	N/A	1.2	
METHYLCYCLOHEXANE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	0.5	J
METHYLENE CHLORIDE	0.78	U	0.86	U	0.72	J	0.79		0.46	J	N/A	N/A	1.5	
N-BUTYLBENZENE	7.8	U	8.6	U	8.8	U	7.6	U	8.5	U	N/A	N/A	8	U
N-PROPYLBENZENE	0.28	J	0.56	J	1.5	U	1.2	U	1.4	U	N/A	N/A	0.5	J
O-CHLOROTOLUENE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
O-XYLENE	0.76	J	0.72	J	0.82	J	0.81	J	1.4	U	N/A	N/A	1.4	
P-CHLOROTOLUENE	1.2	U	1.4	U	1.5	U	1.2	U	1.4	U	N/A	N/A	1.3	U
P-ISOPROPYLTOLUENE	7.8	U	8.6	U	8.8	U	7.6	U	8.5	U	N/A	N/A	8	U
SEC-BUTYLBENZENE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
STYRENE	5.1	U	5.8	U	5.9	U	0.54	J	5.6	U	N/A	N/A	1.3	J
TERT-BUTYLBENZENE	1.5	U	1.8	U	1.8	U	1.5	U	1.7	U	N/A	N/A	1.6	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.38	J	2	U	2	U	0.41	J	0.4	J	N/A	N/A	0.31	J
TOLUENE	15		5.4		18		20		2.4		N/A	N/A	52	
TRANS-1,2-DICHLOROETHENE	1	U	1.2	U	1.2	U	1	U	1.1	U	N/A	N/A	1.1	U
TRANS-1,3-DICHLOROPROPENE	1.2	U	1.4	U	1.5	U	1.2	U	0.35	J	N/A	N/A	1.3	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	6.4	U	7.1	U	7.2	U	6.4	U	7.1	U	N/A	N/A	6.7	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.5	J	1.5	J	2		1.9		2.7	J	N/A	N/A	1.3	J
VINYL CHLORIDE	0.78	U	0.86	U	0.88	U	0.76	U	0.85	U	N/A	N/A	0.8	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	3	A	2.6	A	6.8	J	2.5	J	0.9	J	0.53	J	1.6	
ISOPROPYLBENZENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
METHYL ACETATE	0.87	U	1.4	A	0.4	J	0.68	UJ	0.65	U	0.65	U	0.65	U
METHYL BUTYL KETONE	5.8	U	5.6	U	5.8	UJ	4.5	UJ	4.3	U	4.3	U	4.3	U
METHYL ETHYL KETONE	2.2	A	5.6	A	3	J	1.7	J	1.3	J	2.4	U	1.9	J
METHYL ISOBUTYL KETONE	5.8	U	5.6	U	5.8	UJ	4.5	UJ	4.3	U	4.3	U	4.3	U
METHYL METHACRYLATE	1.2	U	8.2	A	12	J	1.1	J	16		4.3	U	5.1	
METHYL T-BUTYL ETHER (MTBE)	4.4	A	3.2	A	11	J	1.2	J	0.42	J	0.26	J	1	
METHYLCYCLOHEXANE	1.2	U	1.1	U	0.58	J	4.5	UJ	4.3	U	4.3	U	0.86	U
METHYLENE CHLORIDE	0.87	U	0.29	AJ	0.53	J	0.69	J	0.65	U	0.65	U	0.28	J
N-BUTYLBENZENE	8.7	U	8.4	U	8.7	UJ	6.8	UJ	6.5	U	6.5	U	1.3	U
N-PROPYLBENZENE	1.5	U	1.4	U	1.4	UJ	0.39	J	1.1	U	1.1	U	1.1	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
O-XYLENE	0.6	AJ	0.55	AJ	0.99	J	0.8	J	5.4	U	0.61	J	0.47	J
P-CHLOROTOLUENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	8.7	U	8.4	U	8.7	UJ	6.8	UJ	6.5	U	6.5	U	1.3	U
SEC-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	6.8	UJ	6.5	U	6.5	U	1.3	U
STYRENE	5.8	U	5.6	U	0.84	J	1	J	0.72	J	4.3	U	0.35	J
TERT-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	6.8	UJ	6.5	U	6.5	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.68	AJ	2	U	2	UJ	0.72	J	1.5	U	1.5	U	1.5	U
TOLUENE	5.2	A	24	A	68	J	6.6	J	120	J	1.4		49	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.91	UJ	0.86	U	0.87	U	0.86	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.4	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.3	U	7	U	7.2	UJ	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.4	AJ	1.6	AJ	1.8	J	1.4	J	2.6		2.2		1.5	
VINYL CHLORIDE	0.87	U	0.84	U	0.87	UJ	0.68	UJ	0.65	U	0.42	J	0.65	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	---	NA	1.3		1.2		0.98	J	1.7		1		3.2	A
ISOPROPYLBENZENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
METHYL ACETATE	---	NA	0.31	J	0.66	U	1.2	J	0.67	U	0.68	U	0.66	U
METHYL BUTYL KETONE	---	NA	4.4	U	4.4	U	4.5	UJ	4.4	U	4.5	U	4.4	U
METHYL ETHYL KETONE	---	NA	1.1	J	8.5	U	1.2	J	1.9	J	1.4	J	4.6	U
METHYL ISOBUTYL KETONE	---	NA	4.4	U	4.4	U	4.5	UJ	4.4	U	4.5	U	4.4	U
METHYL METHACRYLATE	---	NA	3.8		0.88	U	7.1	J	0.89	U	0.91	U	5	A
METHYL T-BUTYL ETHER (MTBE)	---	NA	1.2		0.57	J	1	J	1.9		1.3		3.3	A
METHYLCYCLOHEXANE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.3	AJ
METHYLENE CHLORIDE	---	NA	0.66	U	0.38	J	0.26	J	0.52	J	0.29	J	0.3	AJ
N-BUTYLBENZENE	---	NA	1.3	U	1.3	U	1.4	U	1.3	U	1.4	U	1.3	U
N-PROPYLBENZENE	---	NA	1.1	U	0.23	J	1.1	UJ	1.1	U	1.1	U	1.1	U
O-CHLOROTOLUENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
O-XYLENE	---	NA	0.56	J	0.86	J	0.4	J	0.49	J	0.4	J	0.95	AJ
P-CHLOROTOLUENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	---	NA	1.3	U	1.3	U	1.4	U	1.3	U	1.4	U	1.3	U
SEC-BUTYLBENZENE	---	NA	1.3	U	1.3	U	1.4	U	1.3	U	1.4	U	1.3	U
STYRENE	---	NA	0.5	J	0.88	U	1.2	J	0.89	U	0.91	U	1.8	AJ
TERT-BUTYLBENZENE	---	NA	1.3	U	1.3	U	1.4	UJ	1.3	U	1.4	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	---	NA	1.5	U	0.39	J	1.6	UJ	0.51	J	0.97	J	1.5	U
TOLUENE	---	NA	11		17		45	J	4.3		2.2		22	A
TRANS-1,2-DICHLOROETHENE	---	NA	0.88	U	0.88	U	0.9	UJ	0.89	U	0.91	U	0.88	U
TRANS-1,3-DICHLOROPROPENE	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	---	NA	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	---	NA	1.5		1.6		1.6	J	2.3		1.5		1.2	AJ
VINYL CHLORIDE	---	NA	0.66	U	0.66	U	0.68	UJ	0.67	U	0.68	U	0.66	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	1		0.71	J	0.62	J	N/A	N/A	3.5	J
ISOPROPYLBENZENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	0.27	J
METHYL ACETATE	0.66	U	0.68	U	0.68	UJ	N/A	N/A	0.69	UJ
METHYL BUTYL KETONE	4.4	U	4.5	U	4.5	UJ	N/A	N/A	4.6	UJ
METHYL ETHYL KETONE	7.5	U	8.5	U	1.1	J	N/A	N/A	2	J
METHYL ISOBUTYL KETONE	4.4	U	4.5	U	4.5	UJ	N/A	N/A	4.6	UJ
METHYL METHACRYLATE	0.54	J	8.3		9.2	J	N/A	N/A	1.5	J
METHYL T-BUTYL ETHER (MTBE)	0.54	J	1.3		0.53	J	N/A	N/A	5.4	J
METHYLCYCLOHEXANE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.37	J
METHYLENE CHLORIDE	0.33	J	0.31	J	0.39	J	N/A	N/A	0.26	J
N-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
N-PROPYLBENZENE	0.27	J	1.1	U	1.1	UJ	N/A	N/A	0.39	J
O-CHLOROTOLUENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
O-XYLENE	0.7	J	1.1	U	0.36	J	N/A	N/A	1.1	J
P-CHLOROTOLUENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
P-ISOPROPYLTOLUENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
SEC-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
STYRENE	0.24	J	0.38	J	0.92	J	N/A	N/A	0.76	J
TERT-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	UJ
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.32	J	1.6	U	1.6	UJ	N/A	N/A	0.24	J
TOLUENE	5.6		12		11	J	N/A	N/A	29	J
TRANS-1,2-DICHLOROETHENE	0.88	U	0.9	U	0.9	UJ	N/A	N/A	0.92	UJ
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.1	UJ	N/A	N/A	1.1	UJ
TRICHLOROFLUOROMETHANE (FREON 11)	1.5		1.8		1.9	J	N/A	N/A	1.8	J
VINYL CHLORIDE	0.48	J	0.68	U	0.68	UJ	N/A	N/A	0.69	UJ

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	N/A	N/A	0.32		N/A	N/A	N/A	N/A	0.83		0.78	
ANTIMONY	N/A	N/A	N/A	N/A	0.00062		N/A	N/A	N/A	N/A	0.017	U	0.0083	U
ARSENIC	N/A	N/A	N/A	N/A	0.00047		N/A	N/A	N/A	N/A	0.00097		0.0013	
BARIUM	N/A	N/A	N/A	N/A	0.0096		N/A	N/A	N/A	N/A	0.007		0.018	
BERYLLIUM	N/A	N/A	N/A	N/A	0.00002	U	N/A	N/A	N/A	N/A	0.000021	U	0.000027	
BORON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
CADMIUM	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A	0.00047	U	0.0007	
CALCIUM	N/A	N/A	N/A	N/A	2.5		N/A	N/A	N/A	N/A	2.4		7.6	
CHROMIUM	N/A	N/A	N/A	N/A	0.0042		N/A	N/A	N/A	N/A	0.0039		0.0065	
COBALT	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0021	U	0.0021	U
COPPER	N/A	N/A	N/A	N/A	0.16		N/A	N/A	N/A	N/A	0.26		0.27	
IRON	N/A	N/A	N/A	N/A	0.39		N/A	N/A	N/A	N/A	0.29		0.83	
LEAD	N/A	N/A	N/A	N/A	0.0079	U	N/A	N/A	N/A	N/A	0.018	U	0.01	U
MAGNESIUM	N/A	N/A	N/A	N/A	0.79	U	N/A	N/A	N/A	N/A	0.29		1.2	
MANGANESE	N/A	N/A	N/A	N/A	0.013		N/A	N/A	N/A	N/A	0.0082		0.031	
MOLYBDENUM	N/A	N/A	N/A	N/A	0.002	U	N/A	N/A	N/A	N/A	0.0021	U	0.0021	U
NICKEL	N/A	N/A	N/A	N/A	0.0054	J	N/A	N/A	N/A	N/A	0.011		0.0012	
POTASSIUM	N/A	N/A	N/A	N/A	0.24		N/A	N/A	N/A	N/A	0.85	U	0.83	U
SELENIUM	N/A	N/A	N/A	N/A	0.00081		N/A	N/A	N/A	N/A	0.017	U	0.0083	U
SILVER	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0021	UJ	0.0021	UJ
SODIUM	N/A	N/A	N/A	N/A	1.2		N/A	N/A	N/A	N/A	1		0.94	
STRONTIUM	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0029		0.0074	
TELLURIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
THALLIUM	N/A	N/A	N/A	N/A	0.000029		N/A	N/A	N/A	N/A	0.000021	U	0.000021	U
TIN	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0085	U	0.01	
TITANIUM	N/A	N/A	N/A	N/A	0.0064		N/A	N/A	N/A	N/A	0.0056		0.011	
TOTAL MERCURY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA
VANADIUM	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0042	U	0.0021	U
YTTRIUM	N/A	N/A	N/A	N/A	0.0039	U	N/A	N/A	N/A	N/A	0.0013	U	0.0012	U
ZINC	N/A	N/A	N/A	N/A	0.0309		N/A	N/A	N/A	N/A	0.064		0.11	
ZIRCONIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	N/A	N/A	N/A	N/A	0.68	U	N/A	N/A	0.69	U	0.79		0.69	U
HF (CALCULATED FROM F)	N/A	N/A	N/A	N/A	---	NAI	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	4.2		16		N/A	N/A	4.7		24		2.2		5.7	
ANTIMONY	0.0084	U	0.0058	U	N/A	N/A	0.0058	U	0.0022		0.00088		0.00044	
ARSENIC	0.0014		0.0017		N/A	N/A	0.0021		0.0024		0.0019		0.00077	
BARIUM	0.015		0.0094		N/A	N/A	0.017		0.023		0.0089		0.012	
BERYLLIUM	0.000028		0.000039		N/A	N/A	0.000043		0.000064		0.00015	U	0.00014	U
BORON	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00077		0.00043	U	N/A	N/A	0.0016		0.0013		0.0019		0.00059	
CALCIUM	5.9		11		N/A	N/A	8		14		3.1		5.6	
CHROMIUM	0.0045		0.0032		N/A	N/A	0.0036		0.0058		0.003		0.0034	
COBALT	0.0021	U	0.0014	U	N/A	N/A	0.0014	U	0.0029	U	0.003	U	0.0029	U
COPPER	0.24		0.27		N/A	N/A	0.32		0.36		0.35		0.29	
IRON	0.6		0.4		N/A	N/A	0.73		1.1		0.29		0.56	
LEAD	0.01	U	0.013		N/A	N/A	0.009		0.013		0.0054		0.005	
MAGNESIUM	0.86		0.61		N/A	N/A	1.2	J	0.98		0.33		0.77	
MANGANESE	0.021		0.015		N/A	N/A	0.03		0.027		0.0079		0.018	
MOLYBDENUM	0.0021	U	0.0014	U	N/A	N/A	0.0014	U	0.0035		0.0015	U	0.0014	U
NICKEL	0.00065		0.004		N/A	N/A	0.0082		0.0071		0.0053		0.0059	
POTASSIUM	0.84	U	0.14		N/A	N/A	0.26		0.58	U	0.6	U	0.58	U
SELENIUM	0.0084	U	0.0029	U	N/A	N/A	0.0058	U	0.0058	U	0.006	U	0.0058	U
SILVER	0.0021	UJ	0.0014	UJ	N/A	N/A	0.0029	UJ	0.029	UJ	0.003	UJ	0.0029	UJ
SODIUM	0.95		0.76		N/A	N/A	0.81		1.4	U	1.2		0.77	
STRONTIUM	0.0075		0.0082		N/A	N/A	0.01		0.01		0.0031		0.0048	
TELLURIUM	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000027		0.00012	U	N/A	N/A	0.000042		0.000032		0.000044		0.000029	U
TIN	0.0084	U	0.0073		N/A	N/A	0.0071		0.0034		0.003	U	0.0029	U
TITANIUM	0.013		0.011		N/A	N/A	0.018		0.058	U	0.0053		0.014	
TOTAL MERCURY	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0025		0.0029		N/A	N/A	0.002		0.0065		0.003	U	0.0029	U
YTTRIUM	0.0013	U	0.00087	U	N/A	N/A	0.00087	U	0.0029	U	0.003	U	0.0029	U
ZINC	0.092		0.065		N/A	N/A	0.08		0.12		0.059		0.066	
ZIRCONIUM	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.7	U	0.66	U	N/A	N/A	N/A	N/A	0.62	U	0.66	U	0.66	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.32		0.3		0.8		N/A	N/A	0.37		8.2		0.19	
ANTIMONY	0.0059	U	0.0058	U	0.0057	U	N/A	N/A	0.011	U	0.0057	U	0.011	U
ARSENIC	0.0016		0.0034		0.002		N/A	N/A	0.0006		0.00092		0.0012	
BARIUM	0.011		0.013		0.023		N/A	N/A	0.012		0.0055		0.0076	
BERYLLIUM	0.00003	U	0.000029	U	0.000041		N/A	N/A	0.000021		0.000036		0.000022	
BORON	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	0.0004		0.00067		0.00054		N/A	N/A	0.0014	U	0.0014	U	0.0014	U
CALCIUM	3.2		2.9		8.4		N/A	N/A	5.3		5.3		1.5	
CHROMIUM	0.0033		0.0033		0.0042		N/A	N/A	0.0035		0.0034		0.0027	
COBALT	0.0015	U	0.0014	U	0.0014	U	N/A	N/A	0.0014	U	0.0014	U	0.0014	U
COPPER	0.35		0.18		0.21		N/A	N/A	0.11		0.18		0.35	
IRON	0.6		0.47		1		N/A	N/A	0.66		0.27		0.21	
LEAD	0.0067	J	0.018	J	0.029	U	N/A	N/A	0.022		0.006	U	0.011	U
MAGNESIUM	0.48		0.28		1.2		N/A	N/A	0.75		0.24		0.17	
MANGANESE	0.014		0.014		0.04		N/A	N/A	0.017		0.0078		0.0052	
MOLYBDENUM	0.0015	U	0.0014	U	0.0014	U	N/A	N/A	0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0044		0.0041		0.0039		N/A	N/A	0.003		0.0044		0.006	
POTASSIUM	0.59	U	0.58	U	0.57	U	N/A	N/A	0.57	U	0.57	U	0.57	U
SELENIUM	0.0059	U	0.0058	U	0.0086	UJ	N/A	N/A	0.011	U	0.0057	U	0.011	U
SILVER	0.0015	UJ	0.0014	UJ	0.0014	UJ	N/A	N/A	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.2		0.72		1		N/A	N/A	0.77		0.92		1	
STRONTIUM	0.0043		0.0061		0.011		N/A	N/A	0.0058		0.0046		0.0029	
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
THALLIUM	0.0003	U	0.00029	U	0.000056		N/A	N/A	0.000071	U	0.000071	U	0.000071	U
TIN	0.0059	U	0.0058	U	0.0057	U	N/A	N/A	0.011	U	0.0057	U	0.011	U
TITANIUM	0.0069		0.01		0.018		N/A	N/A	0.0085		0.016		0.0049	
TOTAL MERCURY	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	0.0018		0.0016		0.0027		N/A	N/A	0.0014	U	0.0028		0.0014	U
YTTRIUM	0.00089	U	0.00087	U	0.00086	U	N/A	N/A	0.00085	U	0.00086	U	0.00085	U
ZINC	0.058		0.05		0.075		N/A	N/A	0.089		0.054		0.05	U
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.3	U	N/A	N/A	0.66	U	N/A	N/A	0.66	U	0.66	U	0.66	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	---	NAI	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.51		0.29		4.7		N/A	N/A	1.2		0.47		0.3	
ANTIMONY	0.012	U	0.0059	U	0.0057	U	N/A	N/A	0.0012		0.00058		0.0004	
ARSENIC	0.0022		0.00088		0.00086		N/A	N/A	0.0018		0.00086		0.00074	
BARIUM	0.018		0.0085		0.0078		N/A	N/A	0.015		0.0099		0.013	
BERYLLIUM	0.0001		0.000018		0.000021		N/A	N/A	0.00014	U	0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	0.0014	U	0.0015	U	0.00071	U	N/A	N/A	0.00062		0.00082	U	0.00023	
CALCIUM	15		1.8		3.3		N/A	N/A	4.6		3		4.7	
CHROMIUM	0.0045		0.0041		0.0042		N/A	N/A	0.0042		0.0046		0.0035	
COBALT	0.0014	U	0.0015	U	0.0014	U	N/A	N/A	0.0017		0.0014	U	0.00071	U
COPPER	0.53		0.31		0.38		N/A	N/A	0.59		0.24		0.28	
IRON	0.66		0.28		0.25		N/A	N/A	0.55		0.4		0.53	
LEAD	0.01	U	0.015	U	0.015	U	N/A	N/A	0.011		0.0065		0.0072	
MAGNESIUM	0.59		0.27		0.16		N/A	N/A	0.7		0.56		0.69	
MANGANESE	0.015		0.0074		0.0084		N/A	N/A	0.019		0.012		0.015	
MOLYBDENUM	0.0028	U	0.0015	U	0.0014	U	N/A	N/A	0.0027		0.0014	U	0.0014	U
NICKEL	0.0062		0.003		0.0058		N/A	N/A	0.0061		0.0081		0.0039	
POTASSIUM	0.57	U	0.59	U	1.1	U	N/A	N/A	0.57	U	0.55	U	0.28	U
SELENIUM	0.012	U	0.0029	U	0.002		N/A	N/A	0.003		0.0015		0.00091	
SILVER	0.0014	UJ	0.0015	U	0.00025	J	N/A	N/A	0.0014	UJ	0.0014	UJ	0.0028	U
SODIUM	6.1		1.6		1.1		N/A	N/A	0.78		1.2		0.9	
STRONTIUM	0.011		0.0029		0.0034		N/A	N/A	0.005		0.0042		0.0053	
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
THALLIUM	0.000071	U	0.000073	U	0.000028	U	N/A	N/A	0.00014	U	0.00014	U	0.00014	U
TIN	0.012	U	0.0059	U	0.0057	U	N/A	N/A	0.0071	U	0.0069	U	0.0028	U
TITANIUM	0.012		0.0052		0.0055		N/A	N/A	0.0076		0.0062		0.0078	
TOTAL MERCURY	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	0.0019		0.0015	U	0.0028	U	N/A	N/A	0.0017		0.0017		0.0014	U
YTTRIUM	0.00085	U	0.00088	U	0.00085	U	N/A	N/A	0.00085	U	0.00082	U	0.00043	U
ZINC	0.097		0.06		0.073		N/A	N/A	0.06		0.05		0.071	
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.66	U	0.66	U	1.3	U	0.66	U	1.3	U	1.3	U	1.3	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.68	U	0.34	U	0.68	U	0.68	U	0.68	U

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	4		0.49		3.7		5.7		N/A	N/A
ANTIMONY	0.002		0.00026		0.0004		0.00074		N/A	N/A
ARSENIC	0.0015		0.0013		0.00061		0.0011		N/A	N/A
BARIUM	0.019		0.0064		0.011		0.016		N/A	N/A
BERYLLIUM	0.00015	U	0.00015	U	0.00014	U	0.00015	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.0034		0.00029		0.00039		0.00023		N/A	N/A
CALCIUM	14		3.3		5.6		7.4		N/A	N/A
CHROMIUM	0.0052		0.0035		0.0038		0.004		N/A	N/A
COBALT	0.0015	U	0.00074	U	0.00072	U	0.0012		N/A	N/A
COPPER	0.21		0.45		0.52		0.71		N/A	N/A
IRON	0.93		0.32		0.55		0.76		N/A	N/A
LEAD	0.014		0.004		0.0072	U	0.0083		N/A	N/A
MAGNESIUM	1.7		0.44		0.7		1		N/A	N/A
MANGANESE	0.032		0.011		0.022		0.028		N/A	N/A
MOLYBDENUM	0.0015		0.0015	U	0.0014	U	0.0024		N/A	N/A
NICKEL	0.0085		0.0059		0.0039		0.0045		N/A	N/A
POTASSIUM	0.59	U	0.3	U	0.29	U	0.29	U	N/A	N/A
SELENIUM	0.0071		0.00059	U	0.00072		0.0015		N/A	N/A
SILVER	0.0015	UJ	0.003	U	0.00031		0.0029	UJ	N/A	N/A
SODIUM	0.85		0.98		0.75		0.8		N/A	N/A
STRONTIUM	0.014		0.0032		0.0061		0.0082		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00015	U	0.00015	U	0.00014	U	0.00015	U	N/A	N/A
TIN	0.0074	U	0.003	U	0.0029	U	0.0029	U	N/A	N/A
TITANIUM	0.018		0.0044		0.0079		0.016		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0027		0.00074	U	0.00099		0.0016		N/A	N/A
YTTRIUM	0.00088	U	0.00044	U	0.00043	U	0.00044	U	N/A	N/A
ZINC	0.081		0.043		0.055		0.068		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.3	U	1.3	U	N/A	N/A	N/A	N/A	N/A	N/A
HF (CALCULATED FROM F)	0.68	U	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000055	J	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00012	J	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000054	JN	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000078	JN	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	9.3E-06	J	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00023		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000054	J	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00031		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00023		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000061	JN	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0007	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000022	JN	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015	U	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0001	JN	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000032	JN	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.014	U	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00046	U	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A3. Analytical Data
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	0.062		1.2		2.9		1.4		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.0046	J	0.036	UJ	0.0036	J	0.0046	J
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.033	U	0.0056	J	0.036	UJ	0.035	UJ	0.0048	J
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.066	U	0.073	UJ	0.072	UJ	0.071	UJ	0.073	U
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.066	U	0.073	UJ	0.072	UJ	0.071	UJ	0.073	U
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.033	U	0.054	J	0.017	J	0.025	J	0.046	
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2-NITROANILINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.034	J	0.035	UJ	0.036	U
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
3-NITROANILINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-NITROANILINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.066	U	0.073	UJ	0.018	J	0.015	J	0.073	U
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.033	U	0.006	J	0.036	UJ	0.035	UJ	0.036	U
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
ACETOPHENONE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
ANTHRACENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
ATRAZINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.076	J	0.036	UJ	0.072	J	0.046	
CAPROLACTAM	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
CARBAZOLE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
CHRYSENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.033	U	0.0077	J	0.036	UJ	0.0036	J	0.0044	J
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.1		1.3		0.41		3.2		---	NA	1.1		1.3	
(3-AND/OR 4-)METHYLPHENOL	0.0056	J	---	NA	0.036	U	0.036	J	0.071	U	0.0057	J	0.0041	J
1,1-BIPHENYL	0.01	J	---	NA	0.036	U	0.011	J	0.071	U	0.0058	J	0.0051	J
1,2,4-TRICHLOROBENZENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,3,4,6-TETRACHLOROPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,4,5-TRICHLOROPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,4,6-TRICHLOROPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,4-DICHLOROPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,4-DIMETHYLPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,4-DINITROPHENOL	0.072	U	---	NA	0.072	U	0.073	U	0.14	U	0.078	U	0.075	U
2,4-DINITROTOLUENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2,6-DINITROTOLUENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2-CHLORONAPHTHALENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2-CHLOROPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2-METHYL-4,6-DINITROPHENOL	0.072	U	---	NA	0.072	U	0.073	U	0.14	U	0.078	U	0.075	U
2-METHYLNAPHTHALENE	0.081		---	NA	0.038		0.072		0.043	J	0.06	J	0.055	J
2-METHYLPHENOL	0.036	U	---	NA	0.036	U	0.02	J	0.071	U	0.004	J	0.038	U
2-NITROANILINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
2-NITROPHENOL	0.036	U	---	NA	0.036	U	0.012	J	0.071	U	0.039	U	0.038	U
3,3'-DICHLOROBENZIDINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
3-NITROANILINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-BROMOPHENYL PHENYL ETHER	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-CHLORO-3-METHYLPHENOL	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-CHLOROANILINE	0.0036	J	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-CHLOROPHENYL PHENYL ETHER	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-NITROANILINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
4-NITROPHENOL	0.035	J	---	NA	0.019	J	0.073	U	0.14	U	0.078	U	0.075	U
ACENAPHTHENE	0.0091	J	---	NA	0.036	U	0.0066	J	0.071	U	0.0089	J	0.016	J
ACENAPHTHYLENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
ACETOPHENONE	0.08	J	---	NA	0.0079	J	0.036	U	0.071	U	0.039	U	0.051	J
ANTHRACENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
ATRAZINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZALDEHYDE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZO(A)ANTHRACENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZO(B)FLUORANTHENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZO(GHI)PERYLENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZO(K)FLUORANTHENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZO-A-PYRENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BENZYL BUTYL PHTHALATE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BIS(2-CHLOROETHOXY)METHANE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BIS(2-CHLOROETHYL) ETHER	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BIS(2-CHLOROISOPROPYL) ETHER	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.13		---	NA	0.036	U	0.076		0.071	U	0.066		0.038	U
CAPROLACTAM	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
CARBAZOLE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
CHRYSENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
DIBENZO(A,H)ANTHRACENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
DIBENZOFURAN	0.012	J	---	NA	0.0043	J	0.014	J	0.071	U	0.0093	J	0.013	J
DIETHYL PHTHALATE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
DIMETHYL PHTHALATE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	---	NA	2.4		4.1		0.92		0.63		0.9		0.79	J
(3-AND/OR 4-)METHYLPHENOL	0.039	U	0.022	J	0.035	U	0.0082	J	0.035	U	---	NA	0.013	J
1,1-BIPHENYL	0.012	J	0.011	J	0.021	J	0.0068	J	0.035	U	---	NA	0.006	J
1,2,4-TRICHLOROBENZENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,3,4,6-TETRACHLOROPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,4,5-TRICHLOROPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,4,6-TRICHLOROPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,4-DICHLOROPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,4-DIMETHYLPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,4-DINITROPHENOL	0.078	U	0.077	U	0.07	U	0.075	U	0.071	U	---	NA	0.068	U
2,4-DINITROTOLUENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2,6-DINITROTOLUENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2-CHLORONAPHTHALENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2-CHLOROPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2-METHYL-4,6-DINITROPHENOL	0.078	U	0.077	U	0.07	U	0.075	U	0.071	U	---	NA	0.027	
2-METHYLNAPHTHALENE	0.082		0.071		0.11		0.045		0.0071	J	---	NA	0.027	J
2-METHYLPHENOL	0.039	U	0.013	J	0.035	U	0.0053	J	0.035	U	---	NA	0.006	J
2-NITROANILINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
2-NITROPHENOL	0.039	U	0.017	J	0.1		0.038	U	0.035	U	---	NA	0.034	U
3,3'-DICHLOROBENZIDINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
3-NITROANILINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-BROMOPHENYL PHENYL ETHER	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-CHLORO-3-METHYLPHENOL	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-CHLOROANILINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-CHLOROPHENYL PHENYL ETHER	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-NITROANILINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
4-NITROPHENOL	0.078	U	0.077	U	0.07	U	0.075	U	0.071	U	---	NA	0.068	U
ACENAPHTHENE	0.018	J	0.0078	J	0.012	J	0.0057	J	0.035	U	---	NA	0.034	U
ACENAPHTHYLENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
ACETOPHENONE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
ANTHRACENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
ATRAZINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZALDEHYDE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZO(A)ANTHRACENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZO(B)FLUORANTHENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZO(GHI)PERYLENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZO(K)FLUORANTHENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZO-A-PYRENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BENZYL BUTYL PHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BIS(2-CHLOROETHOXY)METHANE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BIS(2-CHLOROETHYL) ETHER	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BIS(2-CHLOROISOPROPYL) ETHER	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
CAPROLACTAM	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
CARBAZOLE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
CHRYSENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
DIBENZO(A,H)ANTHRACENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
DIBENZOFURAN	0.02	J	0.013	J	0.012	J	0.0065	J	0.035	U	---	NA	0.0044	J
DIETHYL PHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
DIMETHYL PHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.1		4.9		0.58		1.4	J	1.5	J	0.78		1.4	
(3-AND/OR 4-)METHYLPHENOL	0.023	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
1,1-BIPHENYL	0.01	J	0.0058	J	0.0044	J	0.036	U	0.0072	J	0.0074	J	0.0046	J
1,2,4-TRICHLOROBENZENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,3,4,6-TETRACHLOROPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,4,5-TRICHLOROPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,4,6-TRICHLOROPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,4-DICHLOROPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,4-DIMETHYLPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,4-DINITROPHENOL	0.07	U	0.071	U	0.066	U	0.072	U	0.075	U	0.037	U	0.08	U
2,4-DINITROTOLUENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2,6-DINITROTOLUENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2-CHLORONAPHTHALENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2-CHLOROPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2-METHYL-4,6-DINITROPHENOL	0.07	U	0.071	U	0.066	U	0.072	U	0.075	U	0.037	U	0.08	U
2-METHYLNAPHTHALENE	0.048		0.032	J	0.027	J	0.015	J	0.036	J	0.041		0.027	JN
2-METHYLPHENOL	0.01	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2-NITROANILINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
2-NITROPHENOL	0.012	J	0.035	U	0.033	U	0.036	U	0.038	U	0.0065	J	0.04	U
3,3'-DICHLOROBENZIDINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
3-NITROANILINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-BROMOPHENYL PHENYL ETHER	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-CHLORO-3-METHYLPHENOL	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-CHLOROANILINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-CHLOROPHENYL PHENYL ETHER	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-NITROANILINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
4-NITROPHENOL	0.013	J	0.071	U	0.066	U	0.072	U	0.075	U	0.037	U	0.08	U
ACENAPHTHENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
ACENAPHTHYLENE	0.0067	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
ACETOPHENONE	0.035	U	0.035	U	0.033	U	0.022	J	0.038	U	0.077		0.04	U
ANTHRACENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
ATRAZINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZALDEHYDE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZO(A)ANTHRACENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZO(B)FLUORANTHENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZO(GHI)PERYLENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZO(K)FLUORANTHENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZO-A-PYRENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BENZYL BUTYL PHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BIS(2-CHLOROETHOXY)METHANE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BIS(2-CHLOROETHYL) ETHER	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BIS(2-CHLOROISOPROPYL) ETHER	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
CAPROLACTAM	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
CARBAZOLE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
CHRYSENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
DIBENZO(A,H)ANTHRACENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
DIBENZOFURAN	0.0062	J	0.0045	J	0.0035	J	0.036	U	0.0051	J	0.037	U	0.04	U
DIETHYL PHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
DIMETHYL PHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	1.3		1.4		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
1,1-BIPHENYL	0.0073	J	0.0058	J	0.0042	J	0.0047	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,4-DICHLOROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,4-DINITROPHENOL	0.07	U	0.061	U	0.077	U	0.074	U	N/A	N/A
2,4-DINITROTOLUENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2,6-DINITROTOLUENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2-CHLORONAPHTHALENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2-CHLOROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.07	U	0.061	U	0.077	U	0.074	U	N/A	N/A
2-METHYLNAPHTHALENE	0.044		0.028	J	0.023	J	0.037		N/A	N/A
2-METHYLPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2-NITROANILINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
2-NITROPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
3-NITROANILINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-CHLOROANILINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-NITROANILINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
4-NITROPHENOL	0.07	U	0.061	U	0.077	U	0.074	U	N/A	N/A
ACENAPHTHENE	0.035	U	0.0031	J	0.0041	J	0.037	U	N/A	N/A
ACENAPHTHYLENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
ACETOPHENONE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
ANTHRACENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
ATRAZINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BENZALDEHYDE	0.47		0.083	J	0.038	U	0.037	U	N/A	N/A
BENZO(A)ANTHRACENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.035	U	0.03	U	0.0048	J	0.037	U	N/A	N/A
BENZO(GHI)PERYLENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BENZO-A-PYRENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
CAPROLACTAM	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
CARBAZOLE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
CHRYSENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
DIBENZOFURAN	0.0054	J	0.0041	J	0.0053	J	0.0038	J	N/A	N/A
DIETHYL PHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
DIMETHYL PHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
FLUORANTHENE	N/A	N/A	N/A	N/A	0.033	U	0.0058	J	0.036	UJ	0.035	UJ	0.036	U
FLUORENE	N/A	N/A	N/A	N/A	0.033	U	0.0086	J	0.036	UJ	0.0036	J	0.0039	J
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
ISOPHORONE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
NAPHTHALENE	N/A	N/A	N/A	N/A	0.033	U	0.069	J	0.023	J	0.039	J	0.071	
NITROBENZENE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.033	U	0.036	UJ	0.036	UJ	0.035	UJ	0.036	U
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.066	U	0.073	UJ	0.072	UJ	0.071	UJ	0.073	U
PHENANTHRENE	N/A	N/A	N/A	N/A	0.033	U	0.026	J	0.007	J	0.012	J	0.0097	J
PHENOL	N/A	N/A	N/A	N/A	0.033	U	0.08	J	0.023	J	0.0095	J	0.014	J
PYRENE	N/A	N/A	N/A	N/A	0.033	U	0.0059	J	0.036	UJ	0.0041	J	0.036	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.041		---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
DI-N-OCTYLPHTHALATE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
FLUORANTHENE	0.0063	J	---	NA	0.036	U	0.009	J	0.071	U	0.0052	J	0.038	U
FLUORENE	0.01	J	---	NA	0.036	U	0.01	J	0.071	U	0.0081	J	0.012	J
HEXACHLOROBENZENE (HCB)	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
HEXACHLOROBUTADIENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.0065	J	0.038	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
HEXACHLOROETHANE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
INDENO (1,2,3-CD) PYRENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
ISOPHORONE	0.0049	J	---	NA	0.036	U	0.004	J	0.071	U	0.039	U	0.038	U
NAPHTHALENE	0.098		---	NA	0.052		0.1		0.074		0.1		0.079	J
NITROBENZENE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
N-NITROSODI-N-PROPYLAMINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.036	U	---	NA	0.036	U	0.036	U	0.071	U	0.039	U	0.038	U
PENTACHLOROPHENOL	0.072	U	---	NA	0.072	U	0.022	J	0.14	U	0.078	U	0.075	U
PHENANTHRENE	0.024	J	---	NA	0.0087	J	0.019	J	0.013	J	0.014	J	0.022	J
PHENOL	0.016	J	---	NA	0.036	U	0.027	J	0.071	U	0.021	J	0.031	J
PYRENE	0.0069	J	---	NA	0.0048	J	0.0057	J	0.071	U	0.0054	J	0.038	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
DI-N-OCTYLPHTHALATE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
FLUORANTHENE	0.039	U	0.038	U	0.035	U	0.0042	J	0.035	U	---	NA	0.034	U
FLUORENE	0.016	J	0.0095	J	0.01	J	0.0061	J	0.035	U	---	NA	0.034	U
HEXACHLOROBENZENE (HCB)	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
HEXACHLOROBUTADIENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
HEXACHLOROETHANE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
INDENO (1,2,3-CD) PYRENE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
ISOPHORONE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
NAPHTHALENE	0.12		0.11		0.15		0.084		0.025	J	---	NA	0.076	
NITROBENZENE	0.039	U	0.014	J	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
N-NITROSODI-N-PROPYLAMINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.039	U	0.038	U	0.035	U	0.038	U	0.035	U	---	NA	0.034	U
PENTACHLOROPHENOL	0.078	U	0.077	U	0.07	U	0.075	U	0.071	U	---	NA	0.068	U
PHENANTHRENE	0.029	J	0.018	J	0.021	J	0.016	J	0.035	U	---	NA	0.0068	J
PHENOL	0.039	U	0.037	J	0.11		0.021	J	0.015	J	---	NA	0.11	
PYRENE	0.039	U	0.038	U	0.0038	J	0.038	U	0.035	U	---	NA	0.034	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
DI-N-OCTYLPHTHALATE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
FLUORANTHENE	0.0051	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
FLUORENE	0.0058	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
HEXACHLOROBENZENE (HCB)	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
HEXACHLOROBUTADIENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
HEXACHLOROETHANE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
INDENO (1,2,3-CD) PYRENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
ISOPHORONE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
NAPHTHALENE	0.14		0.081		0.076		0.032	J	0.094		0.072		0.049	
NITROBENZENE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
N-NITROSODI-N-PROPYLAMINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.035	U	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U
PENTACHLOROPHENOL	0.07	U	0.071	U	0.066	U	0.072	U	0.075	U	0.037	U	0.08	U
PHENANTHRENE	0.017	J	0.0067	J	0.0065	J	0.0043	J	0.0083	J	0.008	J	0.0051	J
PHENOL	0.054		0.074		0.033	U	0.23		0.05		0.037	U	0.07	
PYRENE	0.0046	J	0.035	U	0.033	U	0.036	U	0.038	U	0.037	U	0.04	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
FLUORANTHENE	0.004	J	0.03	U	0.038	U	0.037	U	N/A	N/A
FLUORENE	0.0047	J	0.0032	J	0.004	J	0.037	U	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
HEXACHLOROBUTADIENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
HEXACHLOROETHANE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
ISOPHORONE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
NAPHTHALENE	0.095		0.074	J	0.047		0.072		N/A	N/A
NITROBENZENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A
PENTACHLOROPHENOL	0.07	U	0.061	U	0.077	U	0.074	U	N/A	N/A
PHENANTHRENE	0.012	J	0.007	J	0.011	J	0.0068	J	N/A	N/A
PHENOL	0.035	U	0.081		0.038	U	0.037	U	N/A	N/A
PYRENE	0.035	U	0.03	U	0.038	U	0.037	U	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	0.94	J	1.8	J	3	UJ	2.6		2.4	U	2.1	U	1.2	J
1,1,1,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
1,1,1-TRICHLOROETHANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.82	J	0.72	J	0.55	J	---	NA	---	NA	---	NA	0.65	J
1,1,2-TRICHLOROETHANE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
1,1-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.2	U
1,1-DICHLOROPROPENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.4	UJ	2.4	UJ	2.5	UJ	2.5	U	2.4	U	2.1	U	2.4	U
1,2,3-TRICHLOROPROPANE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
1,2,4-TRIMETHYLBENZENE	1.5	UJ	0.35	J	1.5	UJ	2.5	U	2.4	U	2.1	U	0.46	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	UJ	3	UJ	3.1	UJ	2.5	U	2.4	U	2.1	U	3	U
1,2-DIBROMOETHANE (EDB)	2.4	UJ	2.4	UJ	2.5	UJ	2.5	U	2.4	U	2.1	U	2.4	U
1,2-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
1,2-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.2	U
1,2-DICHLOROPROPANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	UJ	2	UJ	2.1	UJ	---	NA	---	NA	---	NA	2.1	U
1,3,5-TRIMETHYLBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
1,3-BUTADIENE	1.1	J	0.41	J	0.62	UJ	2.5	U	2.4	U	2.1	U	0.6	
1,3-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
1,3-DICHLOROPROPANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
1,4-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
2,2-DICHLOROPROPANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	UJ	0.69	J	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
ACETONE	10	J	12	J	14	J	---	NA	---	NA	---	NA	10	
ACRYLONITRILE	0.59	UJ	1.8	UJ	1.8	UJ	---	NA	---	NA	---	NA	1.9	U
BENZENE	1	J	8.1	UJ	0.46	J	2.5	U	2.8		2.1	U	4.1	U
BROMOBENZENE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
BROMOCHLOROMETHANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
BROMODICHLOROMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
BROMOFORM	9.4	UJ	9.4	UJ	9.9	UJ	2.5	U	2.4	U	2.1	U	9.5	U
BROMOMETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.2	U
BUTYL ACRYLATE	15	UJ	15	UJ	15	UJ	---	NA	---	NA	---	NA	15	U
CARBON DISULFIDE	0.88	UJ	4.4	UJ	4.5	UJ	2.5	U	2.4	U	2.1	U	4.5	U
CARBON TETRACHLORIDE	0.59	J	0.69	J	0.5	J	2.5	U	2.4	U	2.1	U	0.69	J
CHLOROBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
CHLORODIFLUOROMETHANE	0.9	J	7.2	J	0.46	J	---	NA	---	NA	---	NA	1.1	J
CHLOROETHANE	0.88	UJ	0.88	UJ	0.92	UJ	2.5	U	2.4	U	2.1	U	0.89	U
CHLOROFORM	1.1	J	0.7	J	1.5	UJ	2.5	U	2.4	U	2.1	U	0.38	J
CHLOROMETHANE	1.8	J	1.2	J	1.2	J	2.5	U	2.4	U	2.1	U	1.1	
CIS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
CYCLOHEXANE	1.2	UJ	5.9	UJ	6.2	UJ	---	NA	---	NA	---	NA	6	U
DIBROMOCHLOROMETHANE	2.6	UJ	2.6	UJ	2.8	UJ	2.5	U	2.4	U	2.1	U	2.6	U
DIBROMOMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
DICHLORODIFLUOROMETHANE	3.1	J	3	J	2.4	J	20	J	16	J	18	J	3	
ETHYL ACRYLATE	0.72	J	5.9	UJ	6.2	UJ	---	NA	---	NA	---	NA	6	U
ETHYL BENZENE	0.31	J	0.62	J	1.5	UJ	2.5	U	2.4	U	2.1	U	0.36	J
HEXACHLORO-1,3-BUTADIENE	3.2	UJ	3.2	UJ	3.4	UJ	2.5	U	2.4	U	2.1	U	3.2	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.5	J	1.2	J	1.2	J	---	NA	2.7	J	1.6	J	2.1	J
1,1,1,2-TETRACHLOROETHANE	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
1,1,1-TRICHLOROETHANE	1.4	U	1.5	U	0.34	J	---	NA	0.34	J	0.3	J	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.56	J	0.6	J	0.74	J	---	NA	0.7	J	0.64	J	0.52	J
1,1,2-TRICHLOROETHANE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,1-DICHLOROETHANE	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
1,1-DICHLOROPROPENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.2	U	2.4	U	2	U	---	NA	2.3	U	2.4	U	2.3	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,2,4-TRIMETHYLBENZENE	1	J	0.55	J	0.45	J	---	NA	0.81	J	0.68	J	0.86	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	3	U	2.5	U	---	NA	2.9	U	3	U	2.9	U
1,2-DIBROMOETHANE (EDB)	2.2	U	2.4	U	2	U	---	NA	2.3	U	2.4	U	2.3	U
1,2-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,2-DICHLOROETHANE	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
1,2-DICHLOROPROPANE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
1,3,5-TRIMETHYLBENZENE	0.3	J	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
1,3-BUTADIENE	1.2		3.2		1.4		---	NA	1.4	J	0.59	U	0.58	J
1,3-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,3-DICHLOROPROPANE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
1,4-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
2,2-DICHLOROPROPANE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.1	J	0.32	J	0.31	J	---	NA	4.1		2.6		1.3	
ACETONE	18		8.9		21	J	---	NA	25		21		30	
ACRYLONITRILE	0.56	U	4.5	U	6.9	U	---	NA	9	U	3	U	8.5	U
BENZENE	1.4		0.78	J	0.78		---	NA	2.2		1.2		1.5	
BROMOBENZENE	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
BROMOCHLOROMETHANE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
BROMODICHLOROMETHANE	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
BROMOFORM	9.1	U	9.6	U	8	U	---	NA	9.4	U	9.4	U	9.3	U
BROMOMETHANE	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
BUTYL ACRYLATE	14	U	15	U	12	U	---	NA	15	U	15	U	15	U
CARBON DISULFIDE	4.4	U	4.5	U	12	U	---	NA	3.9	U	4	U	14	U
CARBON TETRACHLORIDE	0.59	J	0.58	J	0.69	J	---	NA	0.78	J	0.8	J	0.49	J
CHLOROBENZENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
CHLORODIFLUOROMETHANE	2.6		1	J	0.68	J	---	NA	14		10		2	
CHLOROETHANE	0.85	U	0.9	U	0.8	U	---	NA	0.88	U	0.88	U	0.87	U
CHLOROFORM	4		2.5		1.1	J	---	NA	3.9		0.4	J	1.5	U
CHLOROMETHANE	1		0.88		1.2		---	NA	1.5		1.1		0.92	
CIS-1,2-DICHLOROETHENE	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
CYCLOHEXANE	0.6	J	6	U	5	U	---	NA	5.8	U	5.9	U	5.8	U
DIBROMOCHLOROMETHANE	2.5	U	2.8	U	2.2	U	---	NA	2.6	U	2.7	U	2.6	U
DIBROMOMETHANE	2	U	2.1	U	1.8	U	---	NA	2	U	2.1	U	2	U
DICHLORODIFLUOROMETHANE	4.8		2.5		3.2		---	NA	4.2	J	3.1	J	2.4	
ETHYL ACRYLATE	5.6	U	6	U	5	U	---	NA	5.8	U	5.9	U	5.8	U
ETHYL BENZENE	0.7	J	0.35	J	0.32	J	---	NA	0.7	J	0.42	J	0.63	J
HEXACHLORO-1,3-BUTADIENE	3.1	U	3.2	U	2.8	U	---	NA	3.2	U	3.2	U	3.2	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.7	J	2.6	J	3.8	J	2	J	2.8	UJ	0.89	J	0.81	J
1,1,1,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	1.5	UJ	0.28	J	0.37	J	0.42	J	0.26	J
1,1,2,2-TETRACHLOROETHANE	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.65	J	0.52	J	0.63	J	0.65	J	0.9	J	0.83	J	0.68	J
1,1,2-TRICHLOROETHANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,2,3-TRICHLOROBENZENE	2.3	U	2.3	U	2.3	UJ	1.9	UJ	1.7	UJ	1.7	UJ	1.8	U
1,2,3-TRICHLOROPROPANE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,2,4-TRIMETHYLBENZENE	1	J	0.85	J	1.3	J	0.77	J	1.1	UJ	0.29	J	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	2.8	U	2.9	UJ	12	UJ	11	UJ	11	UJ	2.2	U
1,2-DIBROMOETHANE (EDB)	2.3	U	2.3	U	2.3	UJ	1.9	UJ	1.7	UJ	1.7	UJ	1.8	U
1,2-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
1,3,5-TRIMETHYLBENZENE	1.5	U	1.4	U	0.38	J	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,3-BUTADIENE	0.58	U	0.56	U	0.4	J	21	J	0.43	UJ	25	J	0.45	U
1,3-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,4-DICHLOROBENZENE	1.7	U	1.7	U	1.7	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	1.1	U	1.2	UJ	8.7	J	0.85	UJ	13	J	0.9	U
ACETONE	21		12	J	20	J	7	J	4.9	J	23	UJ	6.6	
ACRYLONITRILE	4.6	U	0.56	U	0.58	UJ	0.48	UJ	0.43	UJ	3.2	UJ	2.3	U
BENZENE	1.4		1.6		1.8	J	1.9	J	0.66	J	1.5	J	1.3	
BROMOBENZENE	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
BROMODICHLOROMETHANE	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
BROMOFORM	9.3	U	9	U	9.3	UJ	7.7	UJ	6.8	UJ	6.9	UJ	7.2	U
BROMOMETHANE	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
BUTYL ACRYLATE	15	U	14	U	15	UJ	6	UJ	5.3	UJ	5.4	UJ	1.1	U
CARBON DISULFIDE	13	U	4.2	U	7	UJ	12	UJ	2.3	UJ	12	J	5	U
CARBON TETRACHLORIDE	0.65	J	0.57	J	0.62	J	0.68	J	0.93	J	0.88	J	0.65	J
CHLOROBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
CHLORODIFLUOROMETHANE	0.98	J	2		1.8	J	38	J	0.93	J	170	J	1.5	
CHLOROETHANE	0.87	U	0.85	U	0.87	UJ	0.72	UJ	0.64	UJ	0.65	UJ	0.67	U
CHLOROFORM	1.5	U	1.4	U	0.3	J	7.2	J	1.1	UJ	7.2	J	1.1	U
CHLOROMETHANE	1.3		0.77		0.84	J	1.2	J	2.3	J	1.6	J	1.4	
CIS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
CYCLOHEXANE	5.8	U	5.6	U	5.8	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.9	U
DIBROMOCHLOROMETHANE	2.6	U	2.5	U	2.6	UJ	2.2	UJ	1.9	UJ	1.9	UJ	2	U
DIBROMOMETHANE	2	U	2	U	2	UJ	1.7	UJ	1.5	UJ	1.5	UJ	1.6	U
DICHLORODIFLUOROMETHANE	2.9		2.5		2.6	J	3.4	J	3.9	J	5.5	J	3	
ETHYL ACRYLATE	5.8	U	5.6	U	5.8	UJ	4.8	UJ	4.3	UJ	4.3	UJ	0.9	U
ETHYL BENZENE	0.66	J	0.66	J	0.96	J	0.57	J	1.1	UJ	0.35	J	0.34	J
HEXACHLORO-1,3-BUTADIENE	3.2	U	3.1	U	3.2	UJ	2.6	UJ	2.3	UJ	2.4	UJ	2.5	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	3		2.2	AJ	3.7		0.61	AJ	0.9	J	1.9	J	---	NA
1,1,1,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
1,1,1-TRICHLOROETHANE	0.28	J	0.25	AJ	0.37	J	1.2	UJ	0.33	J	1.1	U	---	NA
1,1,2,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.59	J	0.56	AJ	0.68	J	0.64	AJ	0.66	J	0.59	J	---	NA
1,1,2-TRICHLOROETHANE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	0.32	J	---	NA
1,1-DICHLOROETHANE	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
1,1-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
1,2,3-TRICHLOROBENZENE	1.6	U	1.8	U	1.8	U	1.8	UJ	1.9	U	1.8	U	---	NA
1,2,3-TRICHLOROPROPANE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
1,2,4-TRIMETHYLBENZENE	0.84	J	0.6	AJ	0.3	J	1.2	UJ	0.26	J	0.7	J	---	NA
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2	U	2.2	U	2.3	U	2.3	UJ	2.4	U	2.3	U	---	NA
1,2-DIBROMOETHANE (EDB)	1.6	U	1.8	U	1.8	U	1.8	UJ	1.9	U	1.8	U	---	NA
1,2-DICHLOROBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
1,2-DICHLOROETHANE	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
1,2-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
1,3,5-TRIMETHYLBENZENE	0.25	J	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
1,3-BUTADIENE	2.3		0.44	U	5.8	J	0.46	UJ	0.38	J	0.45	U	---	NA
1,3-DICHLOROBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
1,3-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
1,4-DICHLOROBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
2,2-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.1		0.88	U	0.32	J	0.92	UJ	0.96	U	0.91	U	---	NA
ACETONE	10	U	26	U	17		16	AJ	14	J	24	U	---	NA
ACRYLONITRILE	3.3	U	3.7	U	1.6	U	3.7	UJ	4.4	U	2.1	U	---	NA
BENZENE	3		2	A	1.7		0.89	AJ	1.5		1.3		---	NA
BROMOBENZENE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
BROMOCHLOROMETHANE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
BROMODICHLOROMETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
BROMOFORM	6.4	U	7.1	U	7.3	U	7.4	UJ	7.7	U	7.3	U	---	NA
BROMOMETHANE	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
BUTYL ACRYLATE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
CARBON DISULFIDE	11	U	15	U	2.3	U	4.9	UJ	6	U	5.5	U	---	NA
CARBON TETRACHLORIDE	0.58	J	0.59	AJ	0.78	J	0.62	AJ	0.75	J	0.53	J	---	NA
CHLOROBENZENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
CHLORODIFLUOROMETHANE	10		1.1	A	2		0.78	AJ	2.3	J	1.1	J	---	NA
CHLOROETHANE	0.6	U	0.66	U	0.68	U	0.69	UJ	0.72	U	0.68	U	---	NA
CHLOROFORM	5.3		2.6	A	9		1.2	UJ	0.27	J	1.1	U	---	NA
CHLOROMETHANE	1.1		1.2	A	1.5		1.2	AJ	1.3		1.1	J	---	NA
CIS-1,2-DICHLOROETHENE	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
CIS-1,3-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
CYCLOHEXANE	0.32	J	0.44	AJ	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
DIBROMOCHLOROMETHANE	1.8	U	2	U	2	U	2.1	UJ	2.2	U	2	U	---	NA
DIBROMOMETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.7	U	1.6	U	---	NA
DICHLORODIFLUOROMETHANE	2.7		2.4	A	3.2		2.6	AJ	2.8		2.2		---	NA
ETHYL ACRYLATE	0.84		0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
ETHYL BENZENE	0.9	J	0.64	AJ	1	J	1.2	UJ	0.29	J	0.52	J	---	NA
HEXACHLORO-1,3-BUTADIENE	2.2	U	2.4	U	2.5	U	2.5	UJ	2.6	U	2.5	U	---	NA

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	1.9	J	0.71	J	0.46	J	N/A	N/A	1.9	J
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	0.24	J	0.29	J	0.34	J	N/A	N/A	0.29	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.59	J	0.73	J	0.69	J	N/A	N/A	0.6	J
1,1,2-TRICHLOROETHANE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,1-DICHLOROETHANE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,2,4-TRIMETHYLBENZENE	0.64	J	1.1	U	1.2	UJ	N/A	N/A	0.57	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3	U	2.2	U	2.3	UJ	N/A	N/A	2.3	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,2-DICHLOROETHANE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	16	J	1.4		7.6	J	N/A	N/A	2.7	
1,3-DICHLOROBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	11		0.9	U	0.41	J	N/A	N/A	1.9	
ACETONE	34	U	32	U	55	UJ	N/A	N/A	34	U
ACRYLONITRILE	6	U	3.7	U	9	UJ	N/A	N/A	4.4	U
BENZENE	1.6		0.99		0.99	J	N/A	N/A	1.3	
BROMOBENZENE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOFORM	7.3	U	7.2	U	7.5	UJ	N/A	N/A	7.3	U
BROMOMETHANE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
BUTYL ACRYLATE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	19	U	17	U	5.5	UJ	N/A	N/A	3	U
CARBON TETRACHLORIDE	0.55	J	0.73	J	0.81	J	N/A	N/A	0.67	J
CHLOROBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	73	A	1.2		3.4	J	N/A	N/A	2.9	
CHLOROETHANE	0.68	U	0.67	U	0.7	UJ	N/A	N/A	0.69	U
CHLOROFORM	2		0.3	J	4	J	N/A	N/A	1.8	
CHLOROMETHANE	1.3		1.5		2.4	J	N/A	N/A	0.99	
CIS-1,2-DICHLOROETHENE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.23	J	0.9	U	0.93	UJ	N/A	N/A	0.92	U
DIBROMOCHLOROMETHANE	2	U	2	U	2.1	UJ	N/A	N/A	2.1	U
DIBROMOMETHANE	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	5.7		3		---	NA	N/A	N/A	2.4	
ETHYL ACRYLATE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.35	J
ETHYL BENZENE	0.64	J	1.1	U	1.2	UJ	N/A	N/A	0.55	J
HEXACHLORO-1,3-BUTADIENE	2.5	U	2.5	U	2.6	UJ	N/A	N/A	2.5	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	2.2	J	2.4	J	0.88	J	---	NA	---	NA	---	NA	1.4	
ISOPROPYLBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
METHYL ACETATE	3.4	J	0.34	J	1.4	J	---	NA	---	NA	---	NA	0.89	U
METHYL BUTYL KETONE	1.2	UJ	5.9	UJ	6.2	UJ	---	NA	---	NA	---	NA	6	U
METHYL ETHYL KETONE	1.5	J	3.1	J	2.4	J	---	NA	---	NA	---	NA	1.5	
METHYL ISOBUTYL KETONE	5.9	UJ	5.9	UJ	6.2	UJ	---	NA	---	NA	---	NA	6	U
METHYL METHACRYLATE	0.61	J	0.51	J	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYL T-BUTYL ETHER (MTBE)	1.1	J	4.1	J	0.89	J	---	NA	---	NA	---	NA	2.4	
METHYLCYCLOHEXANE	1.2	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYLENE CHLORIDE	0.49	J	0.88	UJ	0.92	UJ	2.5	U	2.4	U	2.1	U	0.89	U
N-BUTYLBENZENE	1.8	UJ	8.8	UJ	9.4	UJ	2.5	U	2.4	U	2.1	U	8.9	U
N-PROPYLBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
O-CHLOROTOLUENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
O-XYLENE	0.32	J	0.56	J	1.5	UJ	2.5	U	2.4	U	2.1	U	0.45	J
P-CHLOROTOLUENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
P-ISOPROPYLTOLUENE	1.8	UJ	8.8	UJ	9.4	UJ	2.5	U	2.4	U	2.1	U	8.9	U
SEC-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	3		1.8	U
STYRENE	1.2	UJ	5.9	UJ	6.2	UJ	120	U	70	U	74	U	6	U
TERT-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.9	UJ	2.5	U	2.4	U	2.1	U	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.1	U	2.1	U
TOLUENE	3	J	9.1	J	1	J	5.2		3.4		8.6		3.1	
TRANS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.1	U	1.5	U
TRANS-1,3-DICHLOROPROPENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.1	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	3.8	UJ	7.4	UJ	7.5	UJ	2.5	U	2.4	U	2.1	U	7.5	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.9	J	1.8	J	1.2	J	2.5	U	2.4	U	2.1	U	1.8	J
VINYL CHLORIDE	0.88	UJ	0.88	UJ	0.92	UJ	2.5	U	2.4	U	2.1	U	0.89	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	12		1.6		12		---	NA	4.5		2.1		4	
ISOPROPYLBENZENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
METHYL ACETATE	0.42	J	0.9	U	0.35	J	---	NA	0.73	J	1.3		2.3	
METHYL BUTYL KETONE	5.6	U	6	U	5	U	---	NA	5.8	U	5.9	U	5.8	U
METHYL ETHYL KETONE	2.6		1.8		3		---	NA	4.3	J	2.9	J	5.3	
METHYL ISOBUTYL KETONE	5.6	U	6	U	5	U	---	NA	5.8	U	5.9	U	5.8	U
METHYL METHACRYLATE	1.9		1.8		2.2		---	NA	5		1.2	U	0.72	J
METHYL T-BUTYL ETHER (MTBE)	7.8		3.5		4.1		---	NA	7.8		2.7		2.6	
METHYLCYCLOHEXANE	0.72	J	1.2	U	1	U	---	NA	0.6	J	0.45	J	0.56	J
METHYLENE CHLORIDE	0.85	U	0.38	J	1.2		---	NA	1.5		0.61	J	0.87	U
N-BUTYLBENZENE	8.5	U	9	U	7.5	U	---	NA	8.8	U	8.8	U	8.7	U
N-PROPYLBENZENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
O-CHLOROTOLUENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
O-XYLENE	0.85	J	0.46	J	0.42	J	---	NA	0.93	J	0.53	J	0.78	J
P-CHLOROTOLUENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
P-ISOPROPYLTOLUENE	8.5	U	9	U	7.5	U	---	NA	8.8	U	8.8	U	8.7	U
SEC-BUTYLBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
STYRENE	5.6	U	6	U	5	U	---	NA	5.8	U	5.9	U	5.8	U
TERT-BUTYLBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	U	2.1	U	1.8	U	---	NA	0.34	J	0.32	J	2	U
TOLUENE	7.9		7.6		6.6		---	NA	57		5.7		6.8	
TRANS-1,2-DICHLOROETHENE	1.1	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.4	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.1	U	7.5	U	6.2	U	---	NA	7.3	U	7.4	U	7.3	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.4	J	1.5	J	2		---	NA	2.4	J	1.7	J	1.3	J
VINYL CHLORIDE	0.85	U	0.9	U	0.8	U	---	NA	0.88	U	0.88	U	0.87	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	2.7		3.1		3.1	J	4.8	J	1.1	UJ	2.2	J	1.2	
ISOPROPYLBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
METHYL ACETATE	0.58	J	0.85	U	0.39	J	0.72	UJ	0.43	UJ	0.65	UJ	0.67	U
METHYL BUTYL KETONE	5.8	U	5.6	U	5.8	UJ	4.8	UJ	4.3	UJ	4.3	UJ	4.5	U
METHYL ETHYL KETONE	3.7		1.7		2.8	J	1	J	0.85	J	4.6	UJ	1.5	J
METHYL ISOBUTYL KETONE	5.8	U	5.6	U	5.8	UJ	4.8	UJ	4.3	UJ	4.3	UJ	4.5	U
METHYL METHACRYLATE	1.2	U	1.1	U	1.2	UJ	3.9	J	4.3	UJ	5	J	0.9	U
METHYL T-BUTYL ETHER (MTBE)	4		4.1		6.1	J	5.3	J	0.28	J	2.7	J	0.93	
METHYLCYCLOHEXANE	1.2	U	0.32	J	0.38	J	0.5	J	4.3	UJ	4.3	UJ	0.9	U
METHYLENE CHLORIDE	0.72	J	0.55	J	0.49	J	0.72	J	0.64	UJ	0.99	J	0.25	J
N-BUTYLBENZENE	8.7	U	8.5	U	8.7	UJ	7.2	UJ	6.4	UJ	6.5	UJ	1.3	U
N-PROPYLBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
O-XYLENE	0.9	J	0.83	J	1.4	J	0.65	J	5.3	UJ	0.31	J	0.32	J
P-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
P-ISOPROPYLTOLUENE	8.7	U	8.5	U	8.7	UJ	7.2	UJ	6.4	UJ	6.5	UJ	1.3	U
SEC-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	7.2	UJ	6.4	UJ	6.5	UJ	1.3	U
STYRENE	5.8	U	5.6	U	5.8	UJ	0.56	J	4.3	UJ	1.6	J	0.9	U
TERT-BUTYLBENZENE	1.7	U	1.7	U	1.7	UJ	7.2	UJ	6.4	UJ	6.5	UJ	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	U	0.31	J	2	UJ	1.7	UJ	1.5	UJ	0.54	J	1.6	U
TOLUENE	4.6		11		7.1	J	68	J	0.67	J	140	J	2.3	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.96	UJ	0.85	UJ	0.86	UJ	0.9	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.3	U	7.1	U	7.3	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.5	J	1.4	J	1.3	J	1.6	J	3	J	2.5	J	1.8	
VINYL CHLORIDE	0.87	U	0.85	U	0.87	UJ	0.72	UJ	0.64	UJ	0.65	UJ	0.67	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	2.8		2.9	A	1.6		0.78	AJ	0.89	J	1.8		---	NA
ISOPROPYLBENZENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
METHYL ACETATE	0.6	U	0.36	AJ	0.68	U	0.69	UJ	0.72	U	0.68	U	---	NA
METHYL BUTYL KETONE	4	U	4.4	U	4.5	U	4.6	UJ	4.8	U	4.5	U	---	NA
METHYL ETHYL KETONE	0.99	J	1.2	AJ	5.5	U	2.1	AJ	8	U	1	J	---	NA
METHYL ISOBUTYL KETONE	4	U	4.4	U	7	U	4.6	UJ	4.8	U	4.5	U	---	NA
METHYL METHACRYLATE	6.4		0.88	U	4.2		0.92	UJ	0.96	U	0.91	U	---	NA
METHYL T-BUTYL ETHER (MTBE)	4.4		3.2	A	2.8		0.38	AJ	0.96		2		---	NA
METHYLCYCLOHEXANE	0.8	U	0.38	AJ	0.91	U	0.92	UJ	0.96	U	0.28	J	---	NA
METHYLENE CHLORIDE	0.27	J	0.28	AJ	2.8		0.69	UJ	0.41	J	0.4	J	---	NA
N-BUTYLBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
N-PROPYLBENZENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
O-CHLOROTOLUENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
O-XYLENE	1.1		0.7	AJ	0.63	J	1.2	UJ	0.28	J	0.62	J	---	NA
P-CHLOROTOLUENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
P-ISOPROPYLTOLUENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
SEC-BUTYLBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
STYRENE	0.61	J	0.88	U	0.38	J	0.92	UJ	0.96	U	0.91	U	---	NA
TERT-BUTYLBENZENE	1.2	U	1.3	U	1.4	U	1.4	UJ	1.4	U	1.4	U	---	NA
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.33	J	1.1	U	1.6	U	1.6	UJ	1.7	U	0.25	J	---	NA
TOLUENE	34		6.1	A	54	A	1.2	AJ	3.6		3.9		---	NA
TRANS-1,2-DICHLOROETHENE	0.8	U	0.88	U	0.91	U	0.92	UJ	0.96	U	0.91	U	---	NA
TRANS-1,3-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
TRICHLOROETHENE (TRICHLOROETHYLENE)	1	U	1.1	U	1.1	U	1.2	UJ	1.2	U	1.1	U	---	NA
TRICHLOROFLUOROMETHANE (FREON 11)	1.5		1.5	A	2		1.6	AJ	1.7		1.3	J	---	NA
VINYL CHLORIDE	0.6	U	0.66	U	0.68	U	0.69	UJ	0.72	U	0.68	U	---	NA

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	2.2		0.91		1.5	J	N/A	N/A	1.7	
ISOPROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.68	U	0.67	U	0.7	UJ	N/A	N/A	0.69	U
METHYL BUTYL KETONE	4.5	U	4.5	U	4.7	UJ	N/A	N/A	4.6	U
METHYL ETHYL KETONE	7	U	6	U	1.3	J	N/A	N/A	1.2	J
METHYL ISOBUTYL KETONE	4.5	U	4.5	U	4.7	UJ	N/A	N/A	4.6	U
METHYL METHACRYLATE	3		0.9	U	1.2	J	N/A	N/A	1.3	
METHYL T-BUTYL ETHER (MTBE)	2.4		0.83	J	1.5	J	N/A	N/A	4.8	
METHYLCYCLOHEXANE	0.23	J	0.9	U	0.93	UJ	N/A	N/A	0.26	J
METHYLENE CHLORIDE	0.61	J	0.35	J	0.71	J	N/A	N/A	2.6	
N-BUTYLBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
N-PROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-XYLENE	0.7	J	0.23	J	1.2	UJ	N/A	N/A	0.65	J
P-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
SEC-BUTYLBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
STYRENE	2.4		0.9	U	0.93	UJ	N/A	N/A	0.44	J
TERT-BUTYLBENZENE	1.4	U	1.3	U	1.4	UJ	N/A	N/A	1.4	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.6	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
TOLUENE	64	A	4.1		7.9	J	N/A	N/A	12	
TRANS-1,2-DICHLOROETHENE	0.91	U	0.9	U	0.93	UJ	N/A	N/A	0.92	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.4		1.8		2	J	N/A	N/A	1.5	
VINYL CHLORIDE	0.68	U	0.67	U	0.7	UJ	N/A	N/A	0.69	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.18		0.12		0.29	U
ANTIMONY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.012	U	0.012	U	0.0058	U
ARSENIC	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.002		0.00088		0.00097	
BARIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0073		0.005		0.012	
BERYLLIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.000018		0.000014	U	0.000015	U
BORON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.00052	U	0.00078	U	0.0056	
CALCIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	2.1		1.2		2.2	
CHROMIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0025		0.0025		0.0037	
COBALT	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0014	U	0.0014	U	0.0015	U
COPPER	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.11		0.16		0.17	
IRON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.35		0.2		0.31	
LEAD	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.012	U	0.012	U	0.0058	U
MAGNESIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.34		0.21		0.38	
MANGANESE	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.011		0.0061		0.012	
MOLYBDENUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0014	U	0.0014	U	0.0015	U
NICKEL	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0025		0.0037		0.0004	
POTASSIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.58	U	0.58	U	0.58	U
SELENIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.013	U	0.012	U	0.0058	U
SILVER	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0014	U	0.0014	UJ	0.0015	UJ
SODIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.8		0.74		0.59	
STRONTIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0026		0.0015		0.0025	
TELLURIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	---	NA
THALLIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.000041		0.000014	U	0.000015	U
TIN	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0058	U	0.0058	U	0.0058	U
TITANIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0049		0.0029	U	0.0034	
TOTAL MERCURY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.0029	U	0.0029	U	0.0015	U
YTTRIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.00086	U	0.00087	U	0.00088	U
ZINC	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	0.053		0.047		0.053	
ZIRCONIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	---	NA

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	N/A	N/A	N/A	N/A	0.63	U	0.68	U	N/A	N/A	0.66	U	0.63	U
HF (CALCULATED FROM F)	N/A	N/A	N/A	N/A	---	NAI	---	NAI	N/A	N/A	---	NAI	---	NAI

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	0.29	U	0.12		0.36		0.25		1.5		0.42		0.21	
ANTIMONY	0.0059	U	0.0057	U	0.0059	U	0.0058	U	0.001		0.00063		0.00029	U
ARSENIC	0.011		0.00083		0.0012		0.0012		0.0022		0.002		0.00089	
BARIUM	0.0082		0.0042		0.0096		0.0078		0.018		0.0083		0.0072	
BERYLLIUM	0.000017		0.000028	U	0.00003	U	0.000029		0.000032		0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00022		0.00057	U	0.0003	U	0.00058	U	0.00068		0.00064		0.00086	
CALCIUM	1.6		1.1		3.2		2.2		4.3		1.9		2	
CHROMIUM	0.003		0.0028		0.0032		0.0027		0.0055		0.0029		0.003	
COBALT	0.0015	U	0.0014	U	0.0015	U	0.0015	U	0.003	U	0.0029	U	0.0029	U
COPPER	0.23		0.064		0.49		0.07		0.22		0.24		0.29	
IRON	0.28		0.17		0.35		0.32		0.7		0.29		0.28	
LEAD	0.0059	U	0.005	U	0.0071	U	0.007	U	0.0086		0.0044		0.0025	
MAGNESIUM	0.25		0.19		0.31		0.34	J	0.56		0.33		0.32	
MANGANESE	0.0096		0.0066		0.014		0.015		0.022		0.008		0.011	
MOLYBDENUM	0.0015	U	0.0014	U	0.0015	U	0.0015	U	0.0029		0.0014	U	0.0014	U
NICKEL	0.00046		0.0025		0.0035		0.0045		0.0072		0.0046		0.0034	
POTASSIUM	0.59	U	0.087		0.18		0.14		0.61	U	0.58	U	0.58	U
SELENIUM	0.0059	U	0.0014	U	0.0059	U	0.0015	U	0.0061	U	0.0058	U	0.0058	U
SILVER	0.0015	UJ	0.00071	UJ	0.003	UJ	0.00073	UJ	0.03	UJ	0.0029	UJ	0.0029	UJ
SODIUM	0.64		0.71		0.76		0.75		1.5	U	1.2		0.74	
STRONTIUM	0.0029		0.0017		0.0058		0.0042		0.0047		0.0029	U	0.0029	U
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000015	U	0.00011	U	0.00003	U	0.000029	U	0.00003	U	0.00004	U	0.000029	U
TIN	0.0059	U	0.0057	U	0.0059	U	0.0058	U	0.003	U	0.0029	U	0.0029	U
TITANIUM	0.0051		0.0031		0.0094		0.0081		0.061	U	0.0044		0.0042	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0015	U	0.0014	U	0.0015	U	0.0015	U	0.003	U	0.0029	U	0.0029	U
YTTRIUM	0.00088	U	0.00085	U	0.00088	U	0.00088	U	0.003	U	0.0029	U	0.0029	U
ZINC	0.047		0.058		0.055		0.044		0.1		0.054		0.047	
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.63	U	0.63	U	0.82		2.1		0.71	U	0.64	U	3.2	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.27		0.27		0.71		0.81		0.15		1.3		0.13	
ANTIMONY	0.0058	U	0.0058	U	0.0057	U	0.0057	U	0.011	U	0.0057	U	0.011	U
ARSENIC	0.0016		0.0039		0.0023		0.0011		0.00052		0.00088		0.0012	
BARIUM	0.014		0.014		0.03		0.0071		0.0053		0.0052		0.0045	
BERYLLIUM	0.000029	U	0.00003		0.000065		0.000029	U	0.000016		0.000016		0.000014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00082		0.00099		0.00085		0.0015		0.0024		0.0014	U	0.0014	U
CALCIUM	3.6		2.7		7.8		1.6		2.4		3.1		0.9	
CHROMIUM	0.0034		0.0035		0.0053		0.0029		0.0024		0.0028		0.0025	
COBALT	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
COPPER	0.28		0.22		0.16		0.18		0.072		0.08		0.25	
IRON	0.6		0.49		1.5		0.2		0.31		0.25		0.14	U
LEAD	0.0058	U	0.019	J	0.028	U	0.029	U	0.011	U	0.01	U	0.011	U
MAGNESIUM	0.66		0.37		1.6		0.14		0.37		0.18		0.14	U
MANGANESE	0.018		0.016		0.056		0.0075		0.0096		0.0061		0.0043	
MOLYBDENUM	0.0014	U	0.0014	U	0.0016		0.0014	U	0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0043		0.0032		0.0049		0.0027		0.0026		0.0046		0.0032	
POTASSIUM	0.58	U	0.58	U	0.57	U	0.57	U	0.56	U	0.57	U	0.56	U
SELENIUM	0.0058	U	0.0058	U	0.0057	UJ	0.0057	UJ	0.011	U	0.0057	U	0.011	U
SILVER	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.2		0.72		1		0.7		0.74		0.93		0.98	
STRONTIUM	0.0048		0.0053		0.0091		0.0022		0.0035		0.0025		0.0023	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.00029	U	0.00029	U	0.000064		0.000029	U	0.00007	U	0.000071	U	0.000071	U
TIN	0.0058	U	0.0058	U	0.0057	U	0.0057	U	0.011	U	0.0057	U	0.011	U
TITANIUM	0.0076		0.0092		0.018		0.0032		0.0042		0.0058		0.0045	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0019		0.0019		0.0032		0.0014	U	0.0014	U	0.0014	U	0.0014	U
YTTRIUM	0.00087	U	0.00086	U	0.00085	U	0.00086	U	0.00084	U	0.00086	U	0.00085	U
ZINC	0.066		0.061		0.13		0.05		0.06	U	0.05		0.05	U
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.2	U	0.65	U	0.62	U	0.62	U	0.63	U	0.71	U	0.63	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.18		0.15		0.14		0.16		0.44		0.24		0.24	
ANTIMONY	0.012	U	0.0057	U	0.0057	U	0.00046		0.00098		0.00072		0.00042	
ARSENIC	0.002		0.0013		0.00086		0.00078		0.002		0.00092		0.00074	
BARIUM	0.011		0.007		0.0053		0.013		0.015		0.001		0.014	
BERYLLIUM	0.000038		0.000016		0.000016		0.000022		0.00014	U	0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.002		0.0014	U	0.0014	U	0.00071	U	0.00046		0.00057	U	0.0012	
CALCIUM	4.1		1.2		0.99		1.7		4.1		2.5		3.4	
CHROMIUM	0.0033		0.0026		0.0032		0.0036		0.0038		0.0026		0.0034	
COBALT	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.00071	U
COPPER	0.34		0.43		0.54		0.37		0.32		0.21		0.7	
IRON	0.38		0.22		0.16		0.27		0.52		0.36		0.55	
LEAD	0.01	U	0.008	U	0.01	U	0.02	U	0.0086		0.0069		0.0054	
MAGNESIUM	0.34		0.17		0.14	U	0.23		0.76		0.44		0.68	
MANGANESE	0.0087		0.0062		0.007		0.0098		0.017		0.01		0.015	
MOLYBDENUM	0.0028	U	0.0014	U	0.0014	U	0.0014	U	0.0016		0.0014	U	0.0014	U
NICKEL	0.004		0.0025		0.0048		0.0053		0.0066		0.0077		0.004	
POTASSIUM	0.56	U	0.57	U	1.1	U	0.57	U	0.57	U	0.57	U	0.28	U
SELENIUM	0.012	U	0.0028	U	0.0022		0.0026		0.0034		0.0016		0.001	
SILVER	0.0014	UJ	0.0014	U	0.0004	J	0.0014	U	0.0014	UJ	0.0014	UJ	0.0028	U
SODIUM	2.5		1.2		1.3		0.76		0.76		1.2		0.9	
STRONTIUM	0.0054		0.0028		0.0025		0.0037		0.0047		0.0038		0.005	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.00007	U	0.000071	U	0.000028	U	0.000071	U	0.00014	U	0.00014	U	0.00014	U
TIN	0.012	U	0.0057	U	0.0057	U	0.0057	U	0.0071	U	0.0071	U	0.0028	U
TITANIUM	0.0068		0.0047		0.004		0.006		0.0072		0.0051		0.0067	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0014	U	0.0014	U	0.0028	U	0.0014	U	0.0016		0.0016		0.0014	U
YTTRIUM	0.00084	U	0.00085	U	0.00085	U	0.00085	U	0.00086	U	0.00085	U	0.00043	U
ZINC	0.064		0.046		0.067		0.051		0.069		0.054		0.062	
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.62	U	0.62	U	1.2	U	0.62	U	1.2	U	1.2	U	1.3	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.64	U	0.32	U	0.64	U	0.64	U	0.67	U

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	1.6		0.16		0.35		0.54		N/A	N/A
ANTIMONY	0.00084		0.00022		0.0086		0.00058		N/A	N/A
ARSENIC	0.001		0.00074		0.0011		0.0012		N/A	N/A
BARIUM	0.014		0.0086		0.0084		0.017		N/A	N/A
BERYLLIUM	0.00014	U	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.00072		0.0015		0.0019		0.00068		N/A	N/A
CALCIUM	5.9		2.1		2.9		4.1		N/A	N/A
CHROMIUM	0.004		0.0028		0.0032		0.0039		N/A	N/A
COBALT	0.0014	U	0.0007	U	0.00071	U	0.00096		N/A	N/A
COPPER	0.28		1		0.42		0.59		N/A	N/A
IRON	0.57		0.31		0.43		0.66		N/A	N/A
LEAD	0.013		0.0041		0.035	U	0.0072		N/A	N/A
MAGNESIUM	0.71		0.38		0.48		0.8		N/A	N/A
MANGANESE	0.023		0.01		0.018		0.022		N/A	N/A
MOLYBDENUM	0.0014	U	0.0014	U	0.0014	U	0.0019		N/A	N/A
NICKEL	0.0065		0.0032		0.0032		0.0035		N/A	N/A
POTASSIUM	0.56	U	0.28	U	0.28	U	0.28	U	N/A	N/A
SELENIUM	0.0043		0.00056	U	0.00074		0.0014		N/A	N/A
SILVER	0.0014	UJ	0.0028	U	0.00024		0.0028	UJ	N/A	N/A
SODIUM	0.72		0.84		0.7		0.81		N/A	N/A
STRONTIUM	0.0062		0.0026		0.0045		0.0057		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00014	U	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
TIN	0.007	U	0.0028	U	0.0028	U	0.0028	U	N/A	N/A
TITANIUM	0.011		0.004		0.0073		0.011		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0014	U	0.0007	U	0.00071	U	0.0012		N/A	N/A
YTTRIUM	0.00084	U	0.00042	U	0.00042	U	0.00042	U	N/A	N/A
ZINC	0.067		0.054		0.06		0.073		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.6	U	1.3	U	1.2	U	1.2	U	N/A	N/A
HF (CALCULATED FROM F)	0.84	U	0.65	U	0.64	U	0.64	U	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00011	J	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00012	J	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00029		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000028	J	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000066	J	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00021		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00036	U	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00025		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00015		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000059	J	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00071	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000013	JN	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000029	U	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000046	JN	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000024	JN	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00018	U	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.014	U	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0004	U	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A4. Analytical Data
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	3.5		2.3		1.9		1.1		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.0036	J	0.0043	J	0.038	UJ	0.038	U	N/A	N/A
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.0078	J	0.0089	J	0.0043	J	0.004	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.07	U	0.072	UJ	0.076	UJ	0.076	U	N/A	N/A
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.07	U	0.072	UJ	0.076	UJ	0.076	U	N/A	N/A
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.019	J	0.063	J	0.038	J	0.035	J	N/A	N/A
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2-NITROANILINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.017	J	0.038	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
3-NITROANILINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-NITROANILINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.07	U	0.072	UJ	0.012	J	0.076	U	N/A	N/A
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.035	U	0.0068	J	0.0043	J	0.0064	J	N/A	N/A
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
ACETOPHENONE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
ANTHRACENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
ATRAZINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.063	J	0.038	UJ	0.067		N/A	N/A
CAPROLACTAM	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
CARBAZOLE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
CHRYSENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.005	J	0.011	J	0.0083	J	0.0083	J	N/A	N/A
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	2.4		0.78		0.49		1.7		0.97		1.1		1.4	
(3-AND/OR 4-)METHYLPHENOL	0.0043	J	0.036	U	0.037	U	0.0049	J	0.079	U	0.0061	J	0.04	U
1,1-BIPHENYL	0.0088	J	0.0075	J	0.0047	J	0.0087	J	0.013	J	0.0099	J	0.04	U
1,2,4-TRICHLOROBENZENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,3,4,6-TETRACHLOROPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,4,5-TRICHLOROPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,4,6-TRICHLOROPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,4-DICHLOROPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,4-DIMETHYLPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,4-DINITROPHENOL	0.07	U	0.072	U	0.075	U	0.074	U	0.16	U	0.073	U	0.08	U
2,4-DINITROTOLUENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2,6-DINITROTOLUENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2-CHLORONAPHTHALENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2-CHLOROPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2-METHYL-4,6-DINITROPHENOL	0.07	U	0.072	U	0.075	U	0.074	U	0.16	U	0.073	U	0.08	U
2-METHYLNAPHTHALENE	0.071		0.046		0.041		0.072		0.097		0.088		0.033	J
2-METHYLPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2-NITROANILINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
2-NITROPHENOL	0.035	U	0.036	U	0.037	U	0.014	J	0.079	U	0.036	U	0.04	U
3,3'-DICHLOROBENZIDINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
3-NITROANILINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-BROMOPHENYL PHENYL ETHER	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-CHLORO-3-METHYLPHENOL	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-CHLOROANILINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-CHLOROPHENYL PHENYL ETHER	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-NITROANILINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
4-NITROPHENOL	0.07	U	0.072	U	0.017	J	0.019	J	0.16	U	0.073	U	0.08	U
ACENAPHTHENE	0.011	J	0.04		0.0046	J	0.011	J	0.031	J	0.015	J	0.04	U
ACENAPHTHYLENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
ACETOPHENONE	0.064		0.036	U	0.0086	J	0.037	U	0.079	U	0.036	U	0.04	U
ANTHRACENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
ATRAZINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZALDEHYDE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZO(A)ANTHRACENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZO(B)FLUORANTHENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZO(GHI)PERYLENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZO(K)FLUORANTHENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZO-A-PYRENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BENZYL BUTYL PHTHALATE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BIS(2-CHLOROETHOXY)METHANE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BIS(2-CHLOROETHYL) ETHER	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BIS(2-CHLOROISOPROPYL) ETHER	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.11		0.036	U	0.037	U	0.1		0.091		0.056		0.04	U
CAPROLACTAM	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
CARBAZOLE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
CHRYSENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
DIBENZO(A,H)ANTHRACENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
DIBENZOFURAN	0.019	J	0.038	U	0.0075	J	0.018	J	0.03	J	0.019	J	0.0049	J
DIETHYL PHTHALATE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
DIMETHYL PHTHALATE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	3.4		---	NA	---	NA	---	NA	0.79		0.59		0.68	J
(3-AND/OR 4-)METHYLPHENOL	0.0076	J	N/A	N/A	0.033	U	0.012	J	0.045	U	0.036	UJ	0.012	J
1,1-BIPHENYL	0.01	J	N/A	N/A	0.0071	J	0.0091	J	0.045	U	0.036	UJ	0.0083	J
1,2,4-TRICHLOROBENZENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,3,4,6-TETRACHLOROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,4,5-TRICHLOROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,4,6-TRICHLOROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,4-DICHLOROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,4-DIMETHYLPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,4-DINITROPHENOL	0.077	U	N/A	N/A	0.066	U	0.097	U	0.09	U	0.072	UJ	0.088	U
2,4-DINITROTOLUENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2,6-DINITROTOLUENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2-CHLORONAPHTHALENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2-CHLOROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2-METHYL-4,6-DINITROPHENOL	0.077	U	N/A	N/A	0.066	U	0.097	U	0.09	U	0.072	UJ	0.088	U
2-METHYLNAPHTHALENE	0.054		N/A	N/A	0.048		0.07		0.017	J	0.02	J	0.053	J
2-METHYLPHENOL	0.0053	J	N/A	N/A	0.033	U	0.007	J	0.045	U	0.036	UJ	0.0048	J
2-NITROANILINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
2-NITROPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.0074	J
3,3'-DICHLOROBENZIDINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
3-NITROANILINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-BROMOPHENYL PHENYL ETHER	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-CHLORO-3-METHYLPHENOL	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-CHLOROANILINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-CHLOROPHENYL PHENYL ETHER	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-NITROANILINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
4-NITROPHENOL	0.077	U	N/A	N/A	0.066	U	0.097	U	0.09	U	0.072	UJ	0.088	U
ACENAPHTHENE	0.0091	J	N/A	N/A	0.0078	J	0.011	J	0.045	U	0.036	UJ	0.044	U
ACENAPHTHYLENE	0.039	U	N/A	N/A	0.033	U	0.0052	J	0.045	U	0.036	UJ	0.0064	J
ACETOPHENONE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
ANTHRACENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
ATRAZINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZALDEHYDE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZO(A)ANTHRACENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZO(B)FLUORANTHENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZO(GHI)PERYLENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZO(K)FLUORANTHENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZO-A-PYRENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BENZYL BUTYL PHTHALATE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BIS(2-CHLOROETHOXY)METHANE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BIS(2-CHLOROETHYL) ETHER	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BIS(2-CHLOROISOPROPYL) ETHER	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.12		N/A	N/A	0.033	U	0.06		0.045	U	0.036	UJ	0.044	U
CAPROLACTAM	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
CARBAZOLE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
CHRYSENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
DIBENZO(A,H)ANTHRACENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
DIBENZOFURAN	0.013	J	N/A	N/A	0.011	J	0.012	J	0.045	U	0.036	UJ	0.0063	J
DIETHYL PHTHALATE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
DIMETHYL PHTHALATE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	1.6		1.8		1.1		0.94	J	1.5	J	0.87		1.3	
(3-AND/OR 4-)METHYLPHENOL	0.024	J	0.042	U	0.047	U	0.049	U	0.05	U	0.007	J	0.05	U
1,1-BIPHENYL	0.011	J	0.0082	J	0.0062	J	0.049	U	0.0071	J	0.0084	J	0.05	U
1,2,4-TRICHLOROBENZENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,3,4,6-TETRACHLOROPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,4,5-TRICHLOROPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,4,6-TRICHLOROPHENOL	0.015	J	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,4-DICHLOROPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,4-DIMETHYLPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,4-DINITROPHENOL	0.09	U	0.084	U	0.094	U	0.097	U	0.1	U	0.045	U	0.1	U
2,4-DINITROTOLUENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2,6-DINITROTOLUENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2-CHLORONAPHTHALENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2-CHLOROPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2-METHYL-4,6-DINITROPHENOL	0.09	U	0.084	U	0.094	U	0.097	U	0.1	U	0.045	U	0.1	U
2-METHYLNAPHTHALENE	0.064		0.038	J	0.046	J	0.021	J	0.052		0.051		0.036	JN
2-METHYLPHENOL	0.009	J	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2-NITROANILINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
2-NITROPHENOL	0.014	J	0.013	J	0.047	U	0.049	U	0.05	U	0.011	J	0.05	U
3,3'-DICHLOROBENZIDINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
3-NITROANILINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-BROMOPHENYL PHENYL ETHER	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-CHLORO-3-METHYLPHENOL	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-CHLOROANILINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-CHLOROPHENYL PHENYL ETHER	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-NITROANILINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
4-NITROPHENOL	0.027	J	0.084	U	0.094	U	0.097	U	0.1	U	0.045	U	0.1	U
ACENAPHTHENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.011	J	0.05	U
ACENAPHTHYLENE	0.0079	J	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
ACETOPHENONE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.087		0.05	U
ANTHRACENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
ATRAZINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZALDEHYDE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZO(A)ANTHRACENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZO(B)FLUORANTHENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZO(GHI)PERYLENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZO(K)FLUORANTHENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZO-A-PYRENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BENZYL BUTYL PHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BIS(2-CHLOROETHOXY)METHANE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BIS(2-CHLOROETHYL) ETHER	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BIS(2-CHLOROISOPROPYL) ETHER	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
CAPROLACTAM	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
CARBAZOLE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
CHRYSENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
DIBENZO(A,H)ANTHRACENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
DIBENZOFURAN	0.0069	J	0.005	J	0.0053	J	0.049	U	0.0059	J	0.01	J	0.05	U
DIETHYL PHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
DIMETHYL PHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	1.3		1.5		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.0045	J	0.037	U	0.035	U	0.037	U	N/A	N/A
1,1-BIPHENYL	0.0056	J	0.037	U	0.0037	J	0.0041	J	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,4-DICHLOROPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,4-DINITROPHENOL	0.068	U	0.074	U	0.07	U	0.075	U	N/A	N/A
2,4-DINITROTOLUENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2,6-DINITROTOLUENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2-CHLORONAPHTHALENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2-CHLOROPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.068	U	0.074	U	0.07	U	0.075	U	N/A	N/A
2-METHYLNAPHTHALENE	0.044		0.021	J	0.033	J	0.048		N/A	N/A
2-METHYLPHENOL	0.0069	J	0.037	U	0.035	U	0.037	U	N/A	N/A
2-NITROANILINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
2-NITROPHENOL	0.014	J	0.037	U	0.035	U	0.037	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
3-NITROANILINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-CHLOROANILINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-NITROANILINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
4-NITROPHENOL	0.068	U	0.074	U	0.07	U	0.075	U	N/A	N/A
ACENAPHTHENE	0.0047	J	0.037	U	0.0042	J	0.0038	J	N/A	N/A
ACENAPHTHYLENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
ACETOPHENONE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
ANTHRACENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
ATRAZINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZALDEHYDE	0.23		0.095	J	0.035	U	0.037	U	N/A	N/A
BENZO(A)ANTHRACENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZO(GHI)PERYLENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZO-A-PYRENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.034	U	0.037	U	0.036		0.039		N/A	N/A
CAPROLACTAM	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
CARBAZOLE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
CHRYSENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
DIBENZOFURAN	0.034	U	0.037	U	0.0057	J	0.0049	J	N/A	N/A
DIETHYL PHTHALATE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
DIMETHYL PHTHALATE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
FLUORANTHENE	N/A	N/A	N/A	N/A	0.035	U	0.0097	J	0.0053	J	0.0074	J	N/A	N/A
FLUORENE	N/A	N/A	N/A	N/A	0.0037	J	0.0088	J	0.0064	J	0.0071	J	N/A	N/A
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
ISOPHORONE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.0041	J	N/A	N/A
NAPHTHALENE	N/A	N/A	N/A	N/A	0.035	J	0.1	J	0.077	J	0.072		N/A	N/A
NITROBENZENE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.035	U	0.036	UJ	0.038	UJ	0.038	U	N/A	N/A
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.07	U	0.072	UJ	0.076	UJ	0.076	U	N/A	N/A
PHENANTHRENE	N/A	N/A	N/A	N/A	0.011	J	0.034	J	0.02	J	0.025	J	N/A	N/A
PHENOL	N/A	N/A	N/A	N/A	0.035	U	0.012	J	0.01	J	0.038	U	N/A	N/A
PYRENE	N/A	N/A	N/A	N/A	0.035	U	0.0077	J	0.038	UJ	0.0062	J	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
DI-N-OCTYLPHTHALATE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
FLUORANTHENE	0.018	J	0.058		0.0063	J	0.012	J	0.017	J	0.036	U	0.04	U
FLUORENE	0.014	J	0.046	U	0.0052	J	0.013	J	0.025	J	0.012	J	0.0043	J
HEXACHLOROBENZENE (HCB)	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
HEXACHLOROBUTADIENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
HEXACHLOROETHANE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
INDENO (1,2,3-CD) PYRENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
ISOPHORONE	0.035	U	0.036	U	0.037	U	0.006	J	0.079	U	0.036	U	0.04	U
NAPHTHALENE	0.12		0.14	U	0.079		0.13		0.25		0.19		0.047	J
NITROBENZENE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
N-NITROSODI-N-PROPYLAMINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.035	U	0.036	U	0.037	U	0.037	U	0.079	U	0.036	U	0.04	U
PENTACHLOROPHENOL	0.014	J	0.072	U	0.075	U	0.032	J	0.16	U	0.073	U	0.08	U
PHENANTHRENE	0.048		0.19		0.019	J	0.039		0.076	J	0.035	J	0.011	J
PHENOL	0.0075	J	0.036	U	0.037	U	0.0026	J	0.079	U	0.011	J	0.04	U
PYRENE	0.013	J	0.036	U	0.0069	J	0.0065	J	0.013	J	0.036	U	0.04	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
DI-N-OCTYLPHTHALATE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
FLUORANTHENE	0.0058	J	N/A	N/A	0.0043	J	0.0074	J	0.045	U	0.036	UJ	0.044	U
FLUORENE	0.0088	J	N/A	N/A	0.0084	J	0.01	J	0.045	U	0.036	UJ	0.0045	J
HEXACHLOROBENZENE (HCB)	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
HEXACHLOROBUTADIENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
HEXACHLOROETHANE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
INDENO (1,2,3-CD) PYRENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
ISOPHORONE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
NAPHTHALENE	0.11		N/A	N/A	0.12		0.16		0.075		0.046	J	0.15	
NITROBENZENE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
N-NITROSODI-N-PROPYLAMINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.039	U	N/A	N/A	0.033	U	0.048	U	0.045	U	0.036	UJ	0.044	U
PENTACHLOROPHENOL	0.077	U	N/A	N/A	0.066	U	0.097	U	0.09	U	0.072	UJ	0.088	U
PHENANTHRENE	0.025	J	N/A	N/A	0.023	J	0.03	J	0.045	U	0.036	UJ	0.012	J
PHENOL	0.039	U	N/A	N/A	0.01	J	0.027	J	0.011	J	0.036	UJ	0.024	J
PYRENE	0.0069	J	N/A	N/A	0.033	U	0.0074	J	0.045	U	0.036	UJ	0.0045	J

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
DI-N-OCTYLPHTHALATE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
FLUORANTHENE	0.0053	J	0.042	U	0.047	U	0.049	U	0.05	U	0.0048	J	0.05	U
FLUORENE	0.0059	J	0.042	U	0.047	U	0.049	U	0.05	U	0.0086	J	0.05	U
HEXACHLOROBENZENE (HCB)	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
HEXACHLOROBUTADIENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
HEXACHLOROETHANE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
INDENO (1,2,3-CD) PYRENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
ISOPHORONE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.032	J	0.05	U
NAPHTHALENE	0.17		0.13		0.13		0.067		0.15		0.11		0.093	
NITROBENZENE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
N-NITROSODI-N-PROPYLAMINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.045	U	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
PENTACHLOROPHENOL	0.09	U	0.084	U	0.094	U	0.097	U	0.1	U	0.045	U	0.1	U
PHENANTHRENE	0.015	J	0.0088	J	0.011	J	0.0054	J	0.011	J	0.019	J	0.0085	J
PHENOL	0.041	J	0.031	J	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U
PYRENE	0.0054	J	0.042	U	0.047	U	0.049	U	0.05	U	0.045	U	0.05	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
FLUORANTHENE	0.0039	J	0.037	U	0.0046	J	0.037	U	N/A	N/A
FLUORENE	0.0054	J	0.037	U	0.0044	J	0.0041	J	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
HEXACHLOROBUTADIENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
HEXACHLOROETHANE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
ISOPHORONE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
NAPHTHALENE	0.13		0.075	J	0.071		0.1		N/A	N/A
NITROBENZENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A
PENTACHLOROPHENOL	0.068	U	0.074	U	0.013	J	0.075	U	N/A	N/A
PHENANTHRENE	0.011	J	0.0057	J	0.013	J	0.011	J	N/A	N/A
PHENOL	0.05		0.037	U	0.035	U	0.037	U	N/A	N/A
PYRENE	0.034	U	0.037	U	0.035	U	0.037	U	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.2	J	5	J	6.9	UJ	4.8		N/A	N/A	2.4	U	4.4	
1,1,1,2-TETRACHLOROETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	N/A	N/A	2.4	U	1.8	U
1,1,1-TRICHLOROETHANE	0.28	J	0.3	J	1.2	UJ	2.5	U	N/A	N/A	2.4	U	0.26	J
1,1,2,2-TETRACHLOROETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	N/A	N/A	2.4	U	1.8	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.65	J	0.68	J	0.54	J	---	NA	N/A	N/A	---	NA	0.55	J
1,1,2-TRICHLOROETHANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	N/A	N/A	2.4	U	1.5	U
1,1-DICHLOROETHANE	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
1,1-DICHLOROPROPENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
1,2,3-TRICHLOROBENZENE	2	UJ	2	UJ	2	UJ	2.5	U	N/A	N/A	2.4	U	2	U
1,2,3-TRICHLOROPROPANE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	N/A	N/A	2.4	U	1.5	U
1,2,4-TRIMETHYLBENZENE	0.41	J	1.8	J	0.65	J	2.5	U	N/A	N/A	2.4	U	1.9	
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.5	UJ	2.5	UJ	2.5	UJ	2.5	U	N/A	N/A	2.4	U	2.5	U
1,2-DIBROMOETHANE (EDB)	2	UJ	2	UJ	2	UJ	2.5	U	N/A	N/A	2.4	U	2	U
1,2-DICHLOROBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	N/A	N/A	2.4	U	1.5	U
1,2-DICHLOROETHANE	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
1,2-DICHLOROPROPANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.8	UJ	1.8	UJ	1.8	UJ	---	NA	N/A	N/A	---	NA	1.8	U
1,3,5-TRIMETHYLBENZENE	1.2	UJ	0.4	J	1.2	UJ	2.5	U	N/A	N/A	2.4	U	0.51	J
1,3-BUTADIENE	0.5	UJ	0.86	J	0.5	UJ	2.5	U	N/A	N/A	2.4	U	0.61	
1,3-DICHLOROBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	N/A	N/A	2.4	U	1.5	U
1,3-DICHLOROPROPANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
1,4-DICHLOROBENZENE	1.5	UJ	0.69	J	1.5	UJ	2.5	U	N/A	N/A	2.4	U	0.92	J
2,2-DICHLOROPROPANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1	UJ	1.5	J	1	UJ	---	NA	N/A	N/A	---	NA	2.2	
ACETONE	8.6	J	22	J	12	J	---	NA	N/A	N/A	---	NA	10	
ACRYLONITRILE	0.5	UJ	2.1	UJ	2.8	UJ	---	NA	N/A	N/A	---	NA	1.8	U
BENZENE	1.1	J	2.9	J	0.66	J	2.5	U	N/A	N/A	2.4	U	2.4	
BROMOBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	N/A	N/A	2.4	U	1.8	U
BROMOCHLOROMETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
BROMODICHLOROMETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	N/A	N/A	2.4	U	1.8	U
BROMOFORM	8	UJ	7.9	UJ	8	UJ	2.5	U	N/A	N/A	2.4	U	8.1	U
BROMOMETHANE	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
BUTYL ACRYLATE	12	UJ	12	UJ	12	UJ	---	NA	N/A	N/A	---	NA	12	U
CARBON DISULFIDE	0.75	UJ	3.8	J	3.8	UJ	2.5	U	N/A	N/A	2.4	U	3.9	U
CARBON TETRACHLORIDE	0.62	J	0.65	J	0.48	J	2.5	U	N/A	N/A	2.4	U	0.56	J
CHLOROBENZENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
CHLORODIFLUOROMETHANE	0.9	J	3.4	J	0.81	J	---	NA	N/A	N/A	---	NA	8.8	
CHLOROETHANE	0.75	UJ	0.74	UJ	0.75	UJ	2.5	U	N/A	N/A	2.4	U	0.76	U
CHLOROFORM	1.2	UJ	0.25	J	1.2	UJ	2.5	U	N/A	N/A	2.4	U	0.71	J
CHLOROMETHANE	1.2	J	1.1	J	1.1	J	2.5	U	N/A	N/A	2.4	U	0.81	
CIS-1,2-DICHLOROETHENE	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
CIS-1,3-DICHLOROPROPENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
CYCLOHEXANE	1	UJ	5	UJ	5	UJ	---	NA	N/A	N/A	---	NA	5.1	U
DIBROMOCHLOROMETHANE	2.2	UJ	2.2	UJ	2.2	UJ	2.5	U	N/A	N/A	2.4	U	2.2	U
DIBROMOMETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	N/A	N/A	2.4	U	1.8	U
DICHLORODIFLUOROMETHANE	3.1	J	3.5	J	2.2	J	25	J	N/A	N/A	16	J	3.2	
ETHYL ACRYLATE	1	UJ	5	UJ	5	UJ	---	NA	N/A	N/A	---	NA	5.1	U
ETHYL BENZENE	0.39	J	1.2	J	1.9	UJ	2.5	U	N/A	N/A	2.4	U	1.1	J
HEXACHLORO-1,3-BUTADIENE	2.8	UJ	2.8	UJ	2.8	UJ	2.5	U	N/A	N/A	2.4	U	2.8	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.8	J	0.86	J	3.9	U	8		0.68	J	5.2		1	J
1,1,1,2-TETRACHLOROETHANE	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
1,1,1-TRICHLOROETHANE	1.2	U	1.2	U	1.5	U	0.36	J	0.35	J	0.3	J	1.3	U
1,1,2,2-TETRACHLOROETHANE	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.62	J	0.62	J	2.4	U	0.7	J	0.87	J	0.66	J	0.68	J
1,1,2-TRICHLOROETHANE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
1,1-DICHLOROETHANE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
1,1-DICHLOROPROPENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
1,2,3-TRICHLOROBENZENE	2	U	2	U	2.4	U	2.1	U	2.3	U	2	U	2	U
1,2,3-TRICHLOROPROPANE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
1,2,4-TRIMETHYLBENZENE	0.71	J	0.35	J	1.5	U	3.9		1.1	J	1.5		0.37	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.5	U	2.5	U	3	U	2.6	U	2.9	U	2.5	U	2.5	U
1,2-DIBROMOETHANE (EDB)	2	U	2	U	2.4	U	2.1	U	2.3	U	2	U	2	U
1,2-DICHLOROBENZENE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
1,2-DICHLOROETHANE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
1,2-DICHLOROPROPANE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
1,3,5-TRIMETHYLBENZENE	1.2	U	1.2	U	1.5	U	1.1	J	0.3	J	0.5	J	1.3	U
1,3-BUTADIENE	0.51	U	0.51	U	0.6	U	0.8		0.58	U	0.5	U	0.37	J
1,3-DICHLOROBENZENE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
1,3-DICHLOROPROPANE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
1,4-DICHLOROBENZENE	1.5	U	1.5	U	1.8	U	0.61	J	1.7	U	0.33	J	1.5	U
2,2-DICHLOROPROPANE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	0.42	J
ACETONE	9.9		9		11	U	29	J	45		22		25	
ACRYLONITRILE	0.51	U	3.4	U	6.9	U	5	U	7	U	4.5	U	5.5	U
BENZENE	0.82		0.55	J	0.89	U	3		0.9		1.9		0.62	J
BROMOBENZENE	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
BROMOCHLOROMETHANE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
BROMODICHLOROMETHANE	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
BROMOFORM	8.2	U	8.1	U	9.5	U	8.5	U	9.2	U	8	U	8	U
BROMOMETHANE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
BUTYL ACRYLATE	12	U	12	U	15	U	14	U	14	U	12	U	13	U
CARBON DISULFIDE	0.48	J	3.8	U	14	U	14	U	4	U	2.8	U	12	U
CARBON TETRACHLORIDE	0.52	J	0.59	J	1.8	U	0.72	J	0.85	J	0.64	J	0.58	J
CHLOROBENZENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
CHLORODIFLUOROMETHANE	1.2		0.7	J	0.89	U	21		1.9		3.1		1.4	
CHLOROETHANE	0.78	U	0.76	U	0.89	U	0.8	U	0.87	U	0.75	U	0.75	U
CHLOROFORM	1.2	U	1.2	U	1.5	U	0.49	J	1.4	U	1.2	U	4.5	
CHLOROMETHANE	0.91		0.89		0.6	U	1.2		1.8		1.1		1.3	
CIS-1,2-DICHLOROETHENE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
CIS-1,3-DICHLOROPROPENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
CYCLOHEXANE	5.1	U	5.1	U	6	U	5.4	U	5.8	U	5	U	5	U
DIBROMOCHLOROMETHANE	2.2	U	2.2	U	2.6	U	2.4	U	2.6	U	2.2	U	2.3	U
DIBROMOMETHANE	1.8	U	1.8	U	2.1	U	1.9	U	2	U	1.8	U	1.8	U
DICHLORODIFLUOROMETHANE	2.6		2.9		1.5	U	5.6		4.6	J	3.4	J	2.8	
ETHYL ACRYLATE	5.1	U	5.1	U	6	U	5.4	U	5.8	U	5	U	5	U
ETHYL BENZENE	0.49	J	0.26	J	1.5	U	2		1.4	U	1.2	J	0.27	J
HEXACHLORO-1,3-BUTADIENE	2.9	U	2.8	U	3.2	U	2.9	U	3.2	U	2.8	U	2.8	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	1.9	J	0.68	J	7.9	J	2.6	J	0.3	J	0.54	AJ	1.2	J
1,1,1,2-TETRACHLOROETHANE	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	0.34	J	1.2	UJ	0.35	J	0.35	AJ	1.1	U
1,1,2,2-TETRACHLOROETHANE	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.58	J	0.53	J	0.81	J	0.58	J	0.91	J	0.74	AJ	0.58	J
1,1,2-TRICHLOROETHANE	1.8	U	1.7	U	0.34	J	1.4	UJ	1.3	UJ	1.3	U	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	2.4	U	2.3	U	2.4	UJ	1.8	UJ	1.7	UJ	1.7	U	1.7	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	U	1.3	U
1,2,4-TRIMETHYLBENZENE	0.63	J	1.4	U	2.3	J	0.96	J	1.1	UJ	1.1	U	0.35	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	3	U	2.9	U	3	UJ	12	UJ	11	UJ	11	U	2.2	U
1,2-DIBROMOETHANE (EDB)	2.4	U	2.3	U	2.4	UJ	1.8	UJ	1.7	UJ	1.7	U	1.7	U
1,2-DICHLOROBENZENE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	U	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.1	U	0.31	J	0.92	UJ	0.86	UJ	0.86	U	0.86	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
1,3,5-TRIMETHYLBENZENE	1.5	U	1.4	U	0.72	J	1.2	UJ	1.1	UJ	1.1	U	1.1	U
1,3-BUTADIENE	0.6	U	0.57	U	0.87	J	0.46	U	0.38	J	0.43	U	0.43	U
1,3-DICHLOROBENZENE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	U	1.3	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
1,4-DICHLOROBENZENE	1.8	U	1.7	U	0.6	J	1.4	UJ	1.3	UJ	1.3	U	1.3	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
ACETONE	12		14	J	23	J	5.9	J	11	J	18	U	5.6	
ACRYLONITRILE	3.9	U	0.57	U	3.1	UJ	1.4	UJ	3	UJ	0.43	U	2.2	U
BENZENE	1.3		0.8	J	3	J	1.5	J	0.75	J	0.81	A	1.3	
BROMOBENZENE	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
BROMODICHLOROMETHANE	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
BROMOFORM	9.6	U	9.2	U	9.5	UJ	7.4	UJ	6.8	UJ	6.9	U	6.9	U
BROMOMETHANE	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
BUTYL ACRYLATE	15	U	14	U	15	UJ	5.8	UJ	5.4	UJ	5.4	U	1.1	U
CARBON DISULFIDE	13	U	4.3	U	8.5	UJ	4	UJ	2.7	UJ	1.8	U	4.2	U
CARBON TETRACHLORIDE	0.55	J	0.52	J	0.76	J	0.59	J	0.97	J	0.83	AJ	0.59	J
CHLOROBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	1.3		2.2		6.5	J	1.9	J	1.1	J	0.96	A	5	
CHLOROETHANE	0.9	U	0.86	U	0.89	UJ	0.69	UJ	0.64	UJ	0.65	U	0.65	U
CHLOROFORM	1.5	U	1.4	U	0.57	J	1.2	UJ	1.1	UJ	1.1	U	1.1	U
CHLOROMETHANE	1.1		0.86		1.4	J	1.1	J	2.1	J	1.4	A	1.3	
CIS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
CYCLOHEXANE	6	U	5.7	U	0.76	J	4.6	UJ	4.3	UJ	4.3	U	0.86	U
DIBROMOCHLOROMETHANE	2.7	U	2.6	U	2.7	UJ	2.1	UJ	1.9	UJ	1.9	U	1.9	U
DIBROMOMETHANE	2.1	U	2	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	U	1.5	U
DICHLORODIFLUOROMETHANE	2.9		2.5		4	J	2.8	J	4	J	3.5	A	2.7	
ETHYL ACRYLATE	6	U	5.7	U	6	UJ	4.6	UJ	4.3	UJ	4.3	U	0.86	U
ETHYL BENZENE	0.54	J	1.4	U	1.9	J	0.69	J	1.1	UJ	1.1	U	0.4	J
HEXACHLORO-1,3-BUTADIENE	3.3	U	3.1	U	3.3	UJ	2.5	UJ	2.4	UJ	2.4	U	2.4	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.2	J	2.1	J	1.5	J	0.79	J	5.1		4		---	NA
1,1,1,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
1,1,1-TRICHLOROETHANE	0.24	J	0.28	J	0.28	J	0.25	J	0.3	J	0.26	J	---	NA
1,1,2,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.54	J	0.58	J	0.67	J	0.62	J	0.59	J	0.66	J	---	NA
1,1,2-TRICHLOROETHANE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,1-DICHLOROETHANE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
1,2,3-TRICHLOROBENZENE	1.7	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	---	NA
1,2,3-TRICHLOROPROPANE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,2,4-TRIMETHYLBENZENE	0.77	J	0.81	J	0.51	J	0.27	J	0.91	J	0.56	J	---	NA
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.1	U	2.3	U	2.2	U	2.3	UJ	2.2	U	2.3	U	---	NA
1,2-DIBROMOETHANE (EDB)	1.7	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	---	NA
1,2-DICHLOROBENZENE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,2-DICHLOROETHANE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
1,3,5-TRIMETHYLBENZENE	1.1	U	0.24	J	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
1,3-BUTADIENE	0.26	J	0.67		0.23	J	1.5	J	0.25	J	0.45	U	---	NA
1,3-DICHLOROBENZENE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
1,4-DICHLOROBENZENE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.85	U	0.33	J	0.9	U	1.9	J	0.9	U	0.9	U	---	NA
ACETONE	15	U	19	U	21	U	11	J	12	J	34	U	---	NA
ACRYLONITRILE	2.2	U	2.9	U	1.7	U	3.6	UJ	4.8	U	3.2	U	---	NA
BENZENE	1.9		1.8		1.7		1	J	1.7		1.1		---	NA
BROMOBENZENE	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
BROMODICHLOROMETHANE	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
BROMOFORM	6.8	U	7.2	U	7.2	U	7.3	UJ	7.2	U	7.2	U	---	NA
BROMOMETHANE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
BUTYL ACRYLATE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
CARBON DISULFIDE	10	U	16	U	2.1	U	7	UJ	5.5	U	5.5	U	---	NA
CARBON TETRACHLORIDE	0.52	J	0.62	J	0.55	J	0.64	J	0.67	J	0.6	J	---	NA
CHLOROBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
CHLORODIFLUOROMETHANE	0.88		4.2		0.94		27	J	1.4	J	0.75	J	---	NA
CHLOROETHANE	0.64	U	0.68	U	0.67	U	0.68	UJ	0.67	U	0.68	U	---	NA
CHLOROFORM	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
CHLOROMETHANE	1.1		1.2		1.2		1.2	J	1.3		1.2	J	---	NA
CIS-1,2-DICHLOROETHENE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
CYCLOHEXANE	0.85	U	0.23	J	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
DIBROMOCHLOROMETHANE	1.9	U	2	U	2	U	2	UJ	2	U	2	U	---	NA
DIBROMOMETHANE	1.5	U	1.6	U	1.6	U	1.6	UJ	1.6	U	1.6	U	---	NA
DICHLORODIFLUOROMETHANE	2.4		2.5		2.9		3.1	J	2.9		2.3		---	NA
ETHYL ACRYLATE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
ETHYL BENZENE	0.62	J	0.6	J	0.45	J	0.26	J	1.3		1.3		---	NA
HEXACHLORO-1,3-BUTADIENE	2.3	U	2.5	U	2.5	U	2.5	UJ	2.5	U	2.5	U	---	NA

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	2.2	J	0.69	J	0.59	J	N/A	N/A	4.7	
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	1.1	U	0.27	J	0.42	J	N/A	N/A	0.29	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.48	J	0.69	J	0.85	J	N/A	N/A	0.74	J
1,1,2-TRICHLOROETHANE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
1,1-DICHLOROETHANE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
1,2,4-TRIMETHYLBENZENE	0.65	J	0.29	J	1.2	UJ	N/A	N/A	1	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.2	U	2.3	U	2.4	UJ	N/A	N/A	2.3	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
1,2-DICHLOROETHANE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	0.45	U	0.51		0.47	UJ	N/A	N/A	0.37	J
1,3-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	0.31	J
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
ACETONE	24	U	32	U	55	UJ	N/A	N/A	28	U
ACRYLONITRILE	4.7	U	3.9	U	10	UJ	N/A	N/A	3.6	U
BENZENE	1.3		1		1	J	N/A	N/A	1.6	
BROMOBENZENE	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
BROMOFORM	7.2	U	7.3	U	7.6	UJ	N/A	N/A	7.3	U
BROMOMETHANE	0.9	U	0.92	U	0.26	J	N/A	N/A	0.91	U
BUTYL ACRYLATE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	8	U	15	U	5	UJ	N/A	N/A	1.8	U
CARBON TETRACHLORIDE	0.51	J	0.72	J	0.88	J	N/A	N/A	0.68	J
CHLOROBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	0.9		2.1		1.6	J	N/A	N/A	1.7	
CHLOROETHANE	0.67	U	0.69	U	0.71	UJ	N/A	N/A	0.68	U
CHLOROFORM	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLOROMETHANE	1.2		1.6		2.6	J	N/A	N/A	1.2	
CIS-1,2-DICHLOROETHENE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
DIBROMOCHLOROMETHANE	2	U	2.1	U	2.1	UJ	N/A	N/A	2	U
DIBROMOMETHANE	1.6	U	1.6	U	1.7	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	5.8		3.5		---	NA	N/A	N/A	2.9	
ETHYL ACRYLATE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
ETHYL BENZENE	0.63	J	1.1	U	1.2	UJ	N/A	N/A	1.2	
HEXACHLORO-1,3-BUTADIENE	2.5	U	2.5	U	2.6	UJ	N/A	N/A	2.5	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	1.8	J	5.1	J	1.2	J	---	NA	N/A	N/A	---	NA	14	
ISOPROPYLBENZENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
METHYL ACETATE	0.75	UJ	0.74	UJ	0.51	J	---	NA	N/A	N/A	---	NA	0.76	U
METHYL BUTYL KETONE	1	UJ	5	UJ	5	UJ	---	NA	N/A	N/A	---	NA	5.1	U
METHYL ETHYL KETONE	1.6	J	3.8	J	2.8	J	---	NA	N/A	N/A	---	NA	2.2	
METHYL ISOBUTYL KETONE	5	UJ	5	UJ	5	UJ	---	NA	N/A	N/A	---	NA	5.1	U
METHYL METHACRYLATE	1	UJ	1.1	J	1	UJ	---	NA	N/A	N/A	---	NA	1.2	
METHYL T-BUTYL ETHER (MTBE)	0.74	J	5.9	J	1.2	J	---	NA	N/A	N/A	---	NA	7.4	
METHYLCYCLOHEXANE	1	UJ	0.74	J	1	UJ	---	NA	N/A	N/A	---	NA	0.72	J
METHYLENE CHLORIDE	0.76	J	0.74	UJ	0.75	UJ	2.5	U	N/A	N/A	2.4	U	0.76	U
N-BUTYLBENZENE	1.5	UJ	7.4	UJ	7.5	UJ	2.5	U	N/A	N/A	2.4	U	7.6	U
N-PROPYLBENZENE	1.2	UJ	0.32	J	1.2	UJ	2.5	U	N/A	N/A	2.4	U	0.26	J
O-CHLOROTOLUENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
O-XYLENE	0.41	J	1.6	J	2.1	UJ	2.5	U	N/A	N/A	2.4	U	1.5	
P-CHLOROTOLUENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
P-ISOPROPYLTOLUENE	1.5	UJ	7.4	UJ	7.5	UJ	2.5	U	N/A	N/A	2.4	U	7.6	U
SEC-BUTYLBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.8		N/A	N/A	3.3		1.5	U
STYRENE	1	UJ	5	UJ	10	UJ	110	U	N/A	N/A	110	U	0.88	J
TERT-BUTYLBENZENE	1.5	UJ	1.5	UJ	1.5	UJ	2.5	U	N/A	N/A	2.4	U	1.5	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.5	UJ	0.71	J	1.8	UJ	2.5	U	N/A	N/A	2.4	U	0.69	J
TOLUENE	2.8	J	11	J	2.1	J	7.7		N/A	N/A	4.4		10	
TRANS-1,2-DICHLOROETHENE	1	UJ	0.99	UJ	1	UJ	2.5	U	N/A	N/A	2.4	U	1	U
TRANS-1,3-DICHLOROPROPENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	N/A	N/A	2.4	U	1.2	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	4.2	UJ	6.2	UJ	6.2	UJ	2.5	U	N/A	N/A	2.4	U	6.4	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.9	J	1.9	J	1.2	J	2.5	U	N/A	N/A	2.4	U	1.4	J
VINYL CHLORIDE	0.75	UJ	0.74	UJ	0.75	UJ	2.5	U	N/A	N/A	2.4	U	0.76	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	1.4		12		1.2	U	11		2.5		2.6		1.3	
ISOPROPYLBENZENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
METHYL ACETATE	0.29	J	0.76	U	0.89	U	2.1	U	0.87	U	0.43	J	0.75	U
METHYL BUTYL KETONE	5.1	U	5.1	U	6	U	5.4	U	5.8	U	5	U	5	U
METHYL ETHYL KETONE	2.8		1.9		1.8	U	12		3.8	J	5.6	J	3.3	
METHYL ISOBUTYL KETONE	5.1	U	5.1	U	6	U	0.95	J	5.8	U	5	U	5	U
METHYL METHACRYLATE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
METHYL T-BUTYL ETHER (MTBE)	2		0.95	J	1.2	U	7.4		1.6		4.4		1.2	
METHYLCYCLOHEXANE	1	U	1	U	1.2	U	0.99	J	0.97	J	1	U	1	U
METHYLENE CHLORIDE	1.4	U	0.76	U	0.89	U	1.4		0.44	J	0.43	J	0.75	U
N-BUTYLBENZENE	7.8	U	7.6	U	8.9	U	8	U	8.7	U	7.5	U	7.5	U
N-PROPYLBENZENE	1.2	U	1.2	U	1.5	U	0.6	J	1.4	U	0.27	J	1.3	U
O-CHLOROTOLUENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
O-XYLENE	0.6	J	0.3	J	1.5	U	2.5		1.4	U	1.3		0.38	J
P-CHLOROTOLUENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
P-ISOPROPYLTOLUENE	7.8	U	7.6	U	8.9	U	8	U	8.7	U	7.5	U	7.5	U
SEC-BUTYLBENZENE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
STYRENE	5.1	U	5.1	U	6	U	1.1	J	5.8	U	5	U	5	U
TERT-BUTYLBENZENE	1.5	U	1.5	U	1.8	U	1.6	U	1.7	U	1.5	U	1.5	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.8	U	1.8	U	2.1	U	0.81	J	0.42	J	0.37	J	1.8	U
TOLUENE	2.9		1.8		1.2	U	15		3.5		6.1		3	
TRANS-1,2-DICHLOROETHENE	1	U	1	U	1.2	U	1.1	U	1.2	U	1	U	1	U
TRANS-1,3-DICHLOROPROPENE	1.2	U	1.2	U	1.5	U	1.4	U	1.4	U	1.2	U	1.3	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	6.4	U	6.4	U	7.5	U	6.6	U	7.2	U	6.2	U	6.3	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.5	J	1.6		1.8	U	2.6		2.6	J	1.8	J	1.5	J
VINYL CHLORIDE	0.78	U	0.76	U	0.89	U	0.8	U	0.87	U	0.75	U	0.75	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	2.9		1.1	J	6.2	J	5.5	J	0.86	UJ	0.86	U	1.3	
ISOPROPYLBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
METHYL ACETATE	0.9	U	0.4	J	0.45	J	0.69	UJ	0.64	UJ	0.65	U	0.37	J
METHYL BUTYL KETONE	6	U	5.7	U	6	UJ	4.6	UJ	4.3	UJ	4.3	U	4.3	U
METHYL ETHYL KETONE	2.7		1.5		6.9	J	3.1	J	1.7	J	1.2	AJ	1.3	J
METHYL ISOBUTYL KETONE	6	U	5.7	U	6	UJ	4.6	UJ	4.3	UJ	4.3	U	4.3	U
METHYL METHACRYLATE	1.2	U	1.1	U	1.2	UJ	4.6	UJ	4.3	UJ	4.3	U	0.86	U
METHYL T-BUTYL ETHER (MTBE)	2.9		0.87	J	8.8	J	1.4	J	0.65	J	0.33	AJ	0.73	
METHYLCYCLOHEXANE	1.2	U	1.1	U	0.72	J	0.6	J	4.3	UJ	4.3	U	0.86	U
METHYLENE CHLORIDE	0.9	U	0.86	U	0.98	J	1.5	J	0.36	J	0.65	U	0.32	J
N-BUTYLBENZENE	9	U	8.6	U	8.9	UJ	6.9	UJ	6.4	UJ	6.5	U	1.3	U
N-PROPYLBENZENE	1.5	U	1.4	U	0.44	J	1.2	UJ	1.1	UJ	1.1	U	1.1	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
O-XYLENE	0.68	J	1.4	U	2.2	J	0.73	J	5.4	UJ	5.4	U	0.41	J
P-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	9	U	8.6	U	8.9	UJ	6.9	UJ	6.4	UJ	6.5	U	1.3	U
SEC-BUTYLBENZENE	1.8	U	1.7	U	1.8	UJ	6.9	UJ	6.4	UJ	6.5	U	1.3	U
STYRENE	6	U	5.7	U	6	UJ	4.6	UJ	4.3	UJ	4.3	U	0.86	U
TERT-BUTYLBENZENE	1.8	U	1.7	U	1.8	UJ	6.9	UJ	6.4	UJ	6.5	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1	J	2	U	0.71	J	0.38	J	1.5	UJ	1.5	U	1.5	U
TOLUENE	3.8		1.7		11	J	6.8	J	1.2	J	1.8	A	2.7	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.1	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	U	0.86	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.5	U	7.2	U	7.4	UJ	1.2	UJ	1.1	UJ	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.7	J	1.4	J	2	J	1.4	J	2.9	J	2.1	A	1.6	
VINYL CHLORIDE	0.9	U	0.86	U	0.89	UJ	0.69	UJ	0.86	UJ	0.65	U	0.65	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	1.2		1.8		1.4		0.84	J	1.2		0.85	J	---	NA
ISOPROPYLBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
METHYL ACETATE	0.64	U	0.68	U	0.67	U	0.68	UJ	0.67	U	0.68	U	---	NA
METHYL BUTYL KETONE	4.3	U	4.5	U	4.5	U	4.5	UJ	4.5	U	4.5	U	---	NA
METHYL ETHYL KETONE	1.2	J	1.2	J	2.4	J	1.5	J	4.2	J	2.9	J	---	NA
METHYL ISOBUTYL KETONE	4.3	U	4.5	U	4.5	U	4.5	UJ	0.78	J	4.5	U	---	NA
METHYL METHACRYLATE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
METHYL T-BUTYL ETHER (MTBE)	1.1		1.9		0.91		0.57	J	1.3		1.1		---	NA
METHYLCYCLOHEXANE	0.85	U	0.33	J	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
METHYLENE CHLORIDE	0.27	J	0.24	J	0.71		0.25	J	0.4	J	0.25	J	---	NA
N-BUTYLBENZENE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
N-PROPYLBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
O-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
O-XYLENE	0.73	J	0.73	J	0.42	J	0.26	J	1.1	J	0.89	J	---	NA
P-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
P-ISOPROPYLTOLUENE	1.3	U	1.4	U	1.3	U	1.4	U	1.3	U	1.4	U	---	NA
SEC-BUTYLBENZENE	1.3	U	1.4	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
STYRENE	0.85	U	0.27	J	0.9	U	0.91	UJ	0.9	U	0.29	J	---	NA
TERT-BUTYLBENZENE	1.3	U	1.1	U	1.3	U	1.4	UJ	1.3	U	1.4	U	---	NA
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.5	U	1.6	U	0.35	J	1.6	UJ	0.45	J	0.26	J	---	NA
TOLUENE	3.2		7		3.4		3.5	J	5.3		1.9		---	NA
TRANS-1,2-DICHLOROETHENE	0.85	U	0.9	U	0.9	U	0.91	UJ	0.9	U	0.9	U	---	NA
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	---	NA
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.1	U	1.1	UJ	0.83	J	1.1	U	---	NA
TRICHLOROFLUOROMETHANE (FREON 11)	1.5		1.4		1.8		1.7	J	1.7		1.4		---	NA
VINYL CHLORIDE	0.64	U	0.3	J	0.67	U	0.68	UJ	0.67	U	0.68	U	---	NA

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	1		0.71	J	0.9	J	N/A	N/A	1.9	
ISOPROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.67	U	0.69	U	0.71	UJ	N/A	N/A	0.68	U
METHYL BUTYL KETONE	4.5	U	4.6	U	4.7	UJ	N/A	N/A	4.5	U
METHYL ETHYL KETONE	3	J	5.5	U	3.1	J	N/A	N/A	2.5	J
METHYL ISOBUTYL KETONE	4.5	U	4.6	U	4.7	UJ	N/A	N/A	4.5	U
METHYL METHACRYLATE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
METHYL T-BUTYL ETHER (MTBE)	0.8	J	0.9	J	0.95	J	N/A	N/A	2	
METHYLCYCLOHEXANE	0.26	J	0.92	U	0.95	UJ	N/A	N/A	0.35	J
METHYLENE CHLORIDE	0.52	J	0.3	J	0.6	J	N/A	N/A	1.1	
N-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
N-PROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-XYLENE	0.64	J	1.1	U	1.2	UJ	N/A	N/A	1.3	
P-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
SEC-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
STYRENE	0.4	J	0.92	U	0.95	UJ	N/A	N/A	0.27	J
TERT-BUTYLBENZENE	1.3	U	1.4	U	1.4	UJ	N/A	N/A	1.4	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.6	U	1.6	U	1.7	UJ	N/A	N/A	0.32	J
TOLUENE	4.2		1.6		2.9	J	N/A	N/A	6.2	
TRANS-1,2-DICHLOROETHENE	0.9	U	0.92	U	0.95	UJ	N/A	N/A	0.91	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	1.7		2.3	J	N/A	N/A	1.8	
VINYL CHLORIDE	0.67	U	0.69	U	0.71	UJ	N/A	N/A	0.68	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	N/A	N/A	0.4		N/A	N/A	0.53		0.2		N/A	N/A
ANTIMONY	N/A	N/A	N/A	N/A	0.00032		N/A	N/A	0.012	U	0.012	U	N/A	N/A
ARSENIC	N/A	N/A	N/A	N/A	0.0007		N/A	N/A	0.0022		0.00064		N/A	N/A
BARIUM	N/A	N/A	N/A	N/A	0.012		N/A	N/A	0.016		0.0087		N/A	N/A
BERYLLIUM	N/A	N/A	N/A	N/A	0.000024		N/A	N/A	0.000034		0.000015	U	N/A	N/A
BORON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
CADMIUM	N/A	N/A	N/A	N/A	0.00044	U	N/A	N/A	0.00096	U	0.00071	U	N/A	N/A
CALCIUM	N/A	N/A	N/A	N/A	5.6		N/A	N/A	4.8		1.7		N/A	N/A
CHROMIUM	N/A	N/A	N/A	N/A	0.0032		N/A	N/A	0.004		0.003		N/A	N/A
COBALT	N/A	N/A	N/A	N/A	0.0029	U	N/A	N/A	0.0015	U	0.0041		N/A	N/A
COPPER	N/A	N/A	N/A	N/A	0.072		N/A	N/A	0.1		0.097		N/A	N/A
IRON	N/A	N/A	N/A	N/A	0.84		N/A	N/A	0.71		0.33		N/A	N/A
LEAD	N/A	N/A	N/A	N/A	0.015		N/A	N/A	0.012		0.013	U	N/A	N/A
MAGNESIUM	N/A	N/A	N/A	N/A	1.3		N/A	N/A	0.85		0.35		N/A	N/A
MANGANESE	N/A	N/A	N/A	N/A	0.028		N/A	N/A	0.024		0.01		N/A	N/A
MOLYBDENUM	N/A	N/A	N/A	N/A	0.0015	U	N/A	N/A	0.0015	U	0.0058		N/A	N/A
NICKEL	N/A	N/A	N/A	N/A	0.004	J	N/A	N/A	0.006		0.017		N/A	N/A
POTASSIUM	N/A	N/A	N/A	N/A	0.28		N/A	N/A	0.6	U	0.59	U	N/A	N/A
SELENIUM	N/A	N/A	N/A	N/A	0.00087		N/A	N/A	0.012	U	0.012	U	N/A	N/A
SILVER	N/A	N/A	N/A	N/A	0.0029	U	N/A	N/A	0.0015	U	0.0015	UJ	N/A	N/A
SODIUM	N/A	N/A	N/A	N/A	0.95		N/A	N/A	0.8		0.75		N/A	N/A
STRONTIUM	N/A	N/A	N/A	N/A	0.0051		N/A	N/A	0.0051		0.0022		N/A	N/A
TELLURIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
THALLIUM	N/A	N/A	N/A	N/A	0.000035		N/A	N/A	0.000047		0.000015	U	N/A	N/A
TIN	N/A	N/A	N/A	N/A	0.0029	U	N/A	N/A	0.006	U	0.0059	U	N/A	N/A
TITANIUM	N/A	N/A	N/A	N/A	0.01		N/A	N/A	0.0097		0.0036		N/A	N/A
TOTAL MERCURY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
VANADIUM	N/A	N/A	N/A	N/A	0.0029	U	N/A	N/A	0.003	U	0.003	U	N/A	N/A
YTTRIUM	N/A	N/A	N/A	N/A	0.0029	U	N/A	N/A	0.0009	U	0.00089	U	N/A	N/A
ZINC	N/A	N/A	N/A	N/A	0.032		N/A	N/A	0.068		0.043		N/A	N/A
ZIRCONIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	N/A	N/A	N/A	N/A	0.63	U	0.69	U	0.64	U	0.65	U	---	NA
HF (CALCULATED FROM F)	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI	---	NAI	---	NA

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	0.29	U	0.18		0.73		0.63		0.57	U	0.65		0.26	
ANTIMONY	0.0059	U	0.0058	U	0.0058	U	0.0088	AJ	0.0012		0.0016		0.00042	
ARSENIC	0.00074		0.0016		0.0012		0.0022		0.0022		0.0021		0.00077	
BARIUM	0.01		0.01		0.018		0.024	A	0.027		0.018		0.0097	
BERYLLIUM	0.000018		0.000029	U	0.000029	U	0.000029	U	0.000029	U	0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00062		0.00058	U	0.00043	U	0.00087	U	0.00063	U	0.00057		0.00032	
CALCIUM	2.3		2.3		4.8		7	A	5.4		5.2		2.3	
CHROMIUM	0.0035		0.003		0.0041		0.0044		0.011		0.013		0.0033	
COBALT	0.0015	U	0.0014	U	0.0014	U	0.0014	U	0.0029	U	0.0029	U	0.0029	U
COPPER	0.063		0.01		0.14		0.14		0.17		0.32		0.22	
IRON	0.37		0.33		0.62		0.76	A	1.2		0.98		0.4	
LEAD	0.0074	U	0.0092		0.016		0.014		0.015		0.016		0.0056	
MAGNESIUM	0.36		0.38		0.63		1	AJ	0.83		1		0.44	
MANGANESE	0.014		0.014		0.026		0.04		0.039		0.023		0.015	
MOLYBDENUM	0.0028		0.0014	U	0.0015		0.0014	U	0.0035		0.0043		0.0014	U
NICKEL	0.00071		0.0028		0.0047		0.0072		0.0072		0.056		0.0053	
POTASSIUM	0.59	U	0.13		0.24		0.36		0.57	U	0.57	U	0.58	U
SELENIUM	0.0059	U	0.0029	U	0.0026		0.0029	U	0.0057	U	0.0057	U	0.0058	U
SILVER	0.0015	UJ	0.0014	UJ	0.00072	UJ	0.0014	UJ	0.03	UJ	0.0029	UJ	0.0029	UJ
SODIUM	0.6		0.73		0.75		0.78		1.4	U	1.4		0.72	
STRONTIUM	0.0045		0.003		0.0057		0.0083	A	0.0054		0.0054		0.0032	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	0.0029	U	---	NA
THALLIUM	0.000015	U	0.00012	U	0.000029	U	0.000029	U	0.000029	U	0.000041		0.000029	U
TIN	0.0062		0.0058	U	0.0058	U	0.0079	A	0.0029	U	0.0029	U	0.0029	U
TITANIUM	0.0084		0.0057		0.0096		0.012	A	0.057	U	0.0089		0.0068	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0015	U	0.0014	U	0.0014	U	0.0014	U	0.0029	U	0.0029	U	0.0029	U
YTTRIUM	0.00088	U	0.00086	U	0.00086	U	0.00087	U	0.0029	U	0.0029	U	0.0029	U
ZINC	0.055		0.059		0.076		0.084	A	0.15		0.24		0.066	
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.71		0.66	U	0.73	U	0.68	U	0.64	U	0.67	U	3.3	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.4		N/A	N/A	N/A	N/A	0.15		0.21		0.18		0.14	
ANTIMONY	0.0057	U	N/A	N/A	N/A	N/A	0.0055	U	0.011	U	0.0056	U	0.011	U
ARSENIC	0.002		N/A	N/A	N/A	N/A	0.0011		0.00068		0.00074		0.0012	
BARIUM	0.018		N/A	N/A	N/A	N/A	0.014		0.0084		0.0066		0.0072	
BERYLLIUM	0.00003		N/A	N/A	N/A	N/A	0.000028	U	0.000014	U	0.000014	U	0.000014	U
BORON	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00042		N/A	N/A	N/A	N/A	0.00055	U	0.0014	U	0.0014	U	0.0014	U
CALCIUM	6.5		N/A	N/A	N/A	N/A	1.9		2.5		0.93		1.5	
CHROMIUM	0.0048		N/A	N/A	N/A	N/A	0.0045		0.0026		0.003		0.0027	
COBALT	0.0014	U	N/A	N/A	N/A	N/A	0.0014	U	0.0014	U	0.0014	U	0.0014	U
COPPER	0.13		N/A	N/A	N/A	N/A	0.1		0.031		0.028		0.11	
IRON	1		N/A	N/A	N/A	N/A	0.4		0.4		0.25		0.21	
LEAD	0.011	J	N/A	N/A	N/A	N/A	0.028	U	0.011	U	0.008	U	0.011	U
MAGNESIUM	1.2		N/A	N/A	N/A	N/A	0.19		0.32		0.16		0.17	
MANGANESE	0.031		N/A	N/A	N/A	N/A	0.014		0.011		0.0066		0.0086	
MOLYBDENUM	0.0024		N/A	N/A	N/A	N/A	0.0016		0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0078		N/A	N/A	N/A	N/A	0.0049		0.0033		0.0041		0.0059	
POTASSIUM	0.57	U	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.56	U	0.55	U
SELENIUM	0.0057	U	N/A	N/A	N/A	N/A	0.0055	UJ	0.011	U	0.0028	U	0.011	U
SILVER	0.0014	UJ	N/A	N/A	N/A	N/A	0.0014	UJ	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.4		N/A	N/A	N/A	N/A	0.77		0.69		1.5		0.88	
STRONTIUM	0.008		N/A	N/A	N/A	N/A	0.0027		0.0043		0.0016		0.0028	
TELLURIUM	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.00029	U	N/A	N/A	N/A	N/A	0.000028	U	0.000069	U	0.00007	U	0.000069	U
TIN	0.0057	U	N/A	N/A	N/A	N/A	0.0055	U	0.011	U	0.0056	U	0.011	U
TITANIUM	0.011		N/A	N/A	N/A	N/A	0.0053		0.0062		0.0035		0.0044	
TOTAL MERCURY	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0023		N/A	N/A	N/A	N/A	0.0014	U	0.0014	U	0.0014	U	0.0014	U
YTTRIUM	0.00086	U	N/A	N/A	N/A	N/A	0.00083	U	0.00083	U	0.00083	U	0.00082	U
ZINC	0.075		N/A	N/A	N/A	N/A	0.059		0.06	U	0.085		0.059	
ZIRCONIUM	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.3	U	N/A	N/A	---	NA	0.69	U	0.7	U	0.69	U	0.69	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	---	NA	---	NAI	---	NAI	---	NAI	---	NAI

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.18		0.41		0.16		0.37		0.54		0.42		0.29	
ANTIMONY	0.011	U	0.0056	U	0.0055	U	0.00045		0.0011		0.00072		0.00064	
ARSENIC	0.0023		0.001		0.00091		0.00044		0.002		0.001		0.00079	
BARIUM	0.017		0.011		0.009		0.0068		0.026		0.013		0.014	
BERYLLIUM	0.000054		0.000022		0.000014		0.000014	U	0.00014	U	0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.0014	U	0.0014	U	0.00083	U	0.00069	U	0.00093		0.00028	U	0.0003	
CALCIUM	3.3		1.7		1.7		1.5		6.6		6		3.1	
CHROMIUM	0.0042		0.0039		0.0039		0.0043		0.0065		0.0063		0.0031	
COBALT	0.0014	U	0.0014	U	0.0014	U	0.0017		0.0054		0.0057		0.00068	U
COPPER	0.091		0.11		0.078		0.072		0.2		0.11		0.098	
IRON	0.53		0.4		0.27		0.2		1.2		0.8		0.51	
LEAD	0.011	U	0.0011	U	0.02	U	0.01	U	0.022		0.014		0.0069	
MAGNESIUM	0.45		0.22		0.19		0.2		1.2		1.2		0.42	
MANGANESE	0.014		0.0093		0.012		0.0089		0.03		0.025		0.014	
MOLYBDENUM	0.0028	U	0.0017		0.002		0.0039		0.0086		0.013		0.0014	U
NICKEL	0.0064		0.0052		0.006		0.0033		0.034		0.02		0.0038	
POTASSIUM	0.55	U	0.56	U	1.1	U	0.55	U	0.55	U	0.55	U	0.27	U
SELENIUM	0.011	U	0.0028	U	0.0022		0.0016		0.003		0.0014		0.0012	
SILVER	0.0014	UJ	0.0014	U	0.00022	J	0.0014	U	0.0014	UJ	0.0014	UJ	0.0027	U
SODIUM	3.9		2		2.2		0.71		0.88		1.2		0.8	
STRONTIUM	0.0048		0.0039		0.0029		0.0025		0.0084		0.0066		0.0057	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000069	U	0.00007	U	0.000028	U	0.000069	U	0.00014	U	0.00014	U	0.00014	U
TIN	0.011	U	0.0056	U	0.0055	U	0.0055	U	0.0068	U	0.0069	U	0.0027	U
TITANIUM	0.0068		0.0083		0.0041		0.0036		0.021		0.01		0.0098	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0014	U	0.0014	U	0.0028	U	0.0014	U	0.0019		0.002		0.0014	U
YTTRIUM	0.00082	U	0.00084	U	0.00083	U	0.00083	U	0.00082	U	0.00083	U	0.00041	U
ZINC	0.096		0.052		0.083		0.028		0.14		0.12		0.042	
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.61	U	0.69	U	1.4	U	0.69	U	1.4	U	1.4	U	1.4	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.71	U	0.36	U	0.72	U	0.71	U	0.72	U

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	---	NA	0.24		0.46		0.59		N/A	N/A
ANTIMONY	---	NA	0.00036		0.00076		0.0011		N/A	N/A
ARSENIC	---	NA	0.0011		0.00082		0.0011		N/A	N/A
BARIUM	---	NA	0.011		0.018		0.032		N/A	N/A
BERYLLIUM	---	NA	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	---	NA	0.00036		0.00051		0.0005		N/A	N/A
CALCIUM	---	NA	2		5		7.4		N/A	N/A
CHROMIUM	---	NA	0.0029		0.0041		0.0086		N/A	N/A
COBALT	---	NA	0.0007	U	0.0012		0.00082		N/A	N/A
COPPER	---	NA	0.11		0.16		0.24		N/A	N/A
IRON	---	NA	0.43		0.89		1.2		N/A	N/A
LEAD	---	NA	0.0056		0.014	U	0.027		N/A	N/A
MAGNESIUM	---	NA	0.32		0.73		1.2		N/A	N/A
MANGANESE	---	NA	0.012		0.031		0.047		N/A	N/A
MOLYBDENUM	---	NA	0.0014	U	0.0022		0.0014	U	N/A	N/A
NICKEL	---	NA	0.0038		0.0095		0.005		N/A	N/A
POTASSIUM	---	NA	0.28	U	0.3		0.3		N/A	N/A
SELENIUM	---	NA	0.00056	U	0.00086		0.0013		N/A	N/A
SILVER	---	NA	0.0028	U	0.00025		0.0028	UJ	N/A	N/A
SODIUM	---	NA	0.76		0.69		0.87		N/A	N/A
STRONTIUM	---	NA	0.0034		0.0075		0.01		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	---	NA	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
TIN	---	NA	0.0028	U	0.0028	U	0.0028	U	N/A	N/A
TITANIUM	---	NA	0.0084		0.014		0.021		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	---	NA	0.0014	U	0.001		0.0016		N/A	N/A
YTTRIUM	---	NA	0.00042	U	0.00044		0.00055		N/A	N/A
ZINC	---	NA	0.04		0.065		0.092		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.4	U	1.4	U	1.4	U	1.4	U	N/A	N/A
HF (CALCULATED FROM F)	0.69	U	0.7	U	0.7	U	0.7	U	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00025		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000029	JN	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000052	J	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00021		N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00025		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00043	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00011		N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00017		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00013		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00007	J	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00079	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000027	JN	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000057	JN	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000055	JN	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000042	JN	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000033	JN	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0017		N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000085	JN	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00006	JN	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000018	JN	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00016	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0021	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0021	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0021	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0021	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0021	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.002	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.015	J	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00039	U	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A5. Analytical Data
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	2.7		N/A	N/A	1.4		0.28		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.0052	J
1,1-BIPHENYL	N/A	N/A	N/A	N/A	0.034	U	0.0033	J	0.031	UJ	0.034	UJ	0.0078	J
1,2,4-TRICHLOROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,4-DICHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,4-DIMETHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,4-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.058	UJ	0.063	UJ	0.069	UJ	0.066	U
2,4-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2,6-DINITROTOLUENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2-CHLORONAPHTHALENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2-CHLOROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.058	UJ	0.063	UJ	0.069	UJ	0.066	U
2-METHYLNAPHTHALENE	N/A	N/A	N/A	N/A	0.016	J	0.021	J	0.021	J	0.012	J	0.07	
2-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
2-NITROPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
3,3'-DICHLOROBENZIDINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
3-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
4-CHLOROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.0038	J
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
4-NITROANILINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
4-NITROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.058	UJ	0.063	UJ	0.069	UJ	0.066	U
ACENAPHTHENE	N/A	N/A	N/A	N/A	0.034	U	0.0035	J	0.031	UJ	0.034	UJ	0.011	J
ACENAPHTHYLENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
ACETOPHENONE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.086	J	0.034	UJ	0.011	J
ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
ATRAZINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZALDEHYDE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZO(A)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZO(B)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZO(GHI)PERYLENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZO(K)FLUORANTHENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZO-A-PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BENZYL BUTYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
CAPROLACTAM	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
CARBAZOLE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
CHRYSENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
DIBENZOFURAN	N/A	N/A	N/A	N/A	0.0038	J	0.0063	J	0.0057	J	0.004	J	0.011	J
DIETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
DIMETHYL PHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	0.61		0.77		N/A	N/A	N/A	N/A	0.15		0.55		0.74	
(3-AND/OR 4-)METHYLPHENOL	0.0058	J	0.032	U	---	NA	---	NA	0.071	U	0.0035	J	0.033	U
1,1-BIPHENYL	0.0068	J	0.0032	J	---	NA	---	NA	0.071	U	0.035	U	0.033	U
1,2,4-TRICHLOROBENZENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,3,4,6-TETRACHLOROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,4,5-TRICHLOROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,4,6-TRICHLOROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,4-DICHLOROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,4-DIMETHYLPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,4-DINITROPHENOL	0.071	U	0.062	U	---	NA	---	NA	0.14	U	0.071	U	0.066	U
2,4-DINITROTOLUENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2,6-DINITROTOLUENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2-CHLORONAPHTHALENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2-CHLOROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2-METHYL-4,6-DINITROPHENOL	0.071	U	0.062	U	---	NA	---	NA	0.14	U	0.071	U	0.066	U
2-METHYLNAPHTHALENE	0.046		0.018	J	---	NA	---	NA	0.028	J	0.017	J	0.015	J
2-METHYLPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2-NITROANILINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
2-NITROPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
3,3'-DICHLOROBENZIDINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
3-NITROANILINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-BROMOPHENYL PHENYL ETHER	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-CHLORO-3-METHYLPHENOL	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-CHLOROANILINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-CHLOROPHENYL PHENYL ETHER	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-NITROANILINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
4-NITROPHENOL	0.071	U	0.062	U	---	NA	---	NA	0.14	U	0.071	U	0.066	U
ACENAPHTHENE	0.0098	J	0.0084	J	---	NA	---	NA	0.071	U	0.0036	J	0.033	U
ACENAPHTHYLENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
ACETOPHENONE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
ANTHRACENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
ATRAZINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZALDEHYDE	30	JN	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZO(A)ANTHRACENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZO(B)FLUORANTHENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZO(GHI)PERYLENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZO(K)FLUORANTHENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZO-A-PYRENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BENZYL BUTYL PHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BIS(2-CHLOROETHOXY)METHANE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BIS(2-CHLOROETHYL) ETHER	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
CAPROLACTAM	0.035	U	0.0052	J	---	NA	---	NA	0.071	U	0.035	U	0.033	U
CARBAZOLE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
CHRYSENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
DIBENZO(A,H)ANTHRACENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
DIBENZOFURAN	0.015	J	0.032	U	---	NA	---	NA	0.0073	J	0.0058	J	0.004	J
DIETHYL PHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
DIMETHYL PHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	1.4		1.2		2.8		0.38		0.71		0.75		1.1	J
(3-AND/OR 4-)METHYLPHENOL	0.037	U	0.035	U	---	NA	0.0056	J	0.0035	J	0.033	UJ	0.0096	J
1,1-BIPHENYL	0.0045	J	0.0056	J	---	NA	0.0053	J	0.032	U	0.033	UJ	0.0053	J
1,2,4-TRICHLOROBENZENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,3,4,6-TETRACHLOROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,4,5-TRICHLOROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,4,6-TRICHLOROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,4-DICHLOROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,4-DIMETHYLPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,4-DINITROPHENOL	0.075	U	0.069	U	---	NA	0.068	U	0.065	U	0.067	UJ	0.059	U
2,4-DINITROTOLUENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2,6-DINITROTOLUENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2-CHLORONAPHTHALENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2-CHLOROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2-METHYL-4,6-DINITROPHENOL	0.075	U	0.069	U	---	NA	0.068	U	0.065	U	0.067	UJ	0.059	U
2-METHYLNAPHTHALENE	0.032	J	0.03	J	---	NA	0.029	J	0.0083	J	0.0084	J	0.025	J
2-METHYLPHENOL	0.037	U	0.035	U	---	NA	0.0037	J	0.032	U	0.033	UJ	0.0044	J
2-NITROANILINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
2-NITROPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.0059	J
3,3'-DICHLOROBENZIDINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
3-NITROANILINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-BROMOPHENYL PHENYL ETHER	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-CHLORO-3-METHYLPHENOL	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-CHLOROANILINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-CHLOROPHENYL PHENYL ETHER	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-NITROANILINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
4-NITROPHENOL	0.075	U	0.069	U	---	NA	0.068	U	0.065	U	0.067	UJ	0.059	U
ACENAPHTHENE	0.0048	J	0.0055	J	---	NA	0.0058	J	0.032	U	0.033	UJ	0.029	U
ACENAPHTHYLENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.0034	J
ACETOPHENONE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
ANTHRACENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
ATRAZINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZALDEHYDE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZO(A)ANTHRACENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZO(B)FLUORANTHENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZO(GHI)PERYLENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZO(K)FLUORANTHENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZO-A-PYRENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BENZYL BUTYL PHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BIS(2-CHLOROETHOXY)METHANE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BIS(2-CHLOROETHYL) ETHER	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BIS(2-CHLOROISOPROPYL) ETHER	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
CAPROLACTAM	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
CARBAZOLE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
CHRYSENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
DIBENZO(A,H)ANTHRACENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
DIBENZOFURAN	0.0084	J	0.0092	J	---	NA	0.0065	J	0.032	U	0.033	UJ	0.004	J
DIETHYL PHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
DIMETHYL PHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	1.8		2.3		1		1	J	1.1	J	0.87		1.5	
(3-AND/OR 4-)METHYLPHENOL	0.01	J	0.03	U	0.033	U	0.033	U	0.035	U	0.062	U	0.038	U
1,1-BIPHENYL	0.0041	J	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
1,2,4-TRICHLOROBENZENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,3,4,6-TETRACHLOROPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,4,5-TRICHLOROPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.016	J
2,4,6-TRICHLOROPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,4-DICHLOROPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,4-DIMETHYLPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,4-DINITROPHENOL	0.057	U	0.059	U	0.065	U	0.067	U	0.07	U	0.031	U	0.075	U
2,4-DINITROTOLUENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2,6-DINITROTOLUENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2-CHLORONAPHTHALENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2-CHLOROPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2-METHYL-4,6-DINITROPHENOL	0.057	U	0.059	U	0.065	U	0.067	U	0.07	U	0.031	U	0.075	U
2-METHYLNAPHTHALENE	0.014	J	0.023	J	0.014	J	0.016	J	0.014	J	0.012	J	0.019	JN
2-METHYLPHENOL	0.0032	J	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2-NITROANILINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
2-NITROPHENOL	0.01	J	0.009	J	0.0098	J	0.033	U	0.035	U	0.0069	J	0.0061	J
3,3'-DICHLOROBENZIDINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
3-NITROANILINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-BROMOPHENYL PHENYL ETHER	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-CHLORO-3-METHYLPHENOL	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-CHLOROANILINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-CHLOROPHENYL PHENYL ETHER	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-NITROANILINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
4-NITROPHENOL	0.057	U	0.059	U	0.065	U	0.067	U	0.07	U	0.031	U	0.075	U
ACENAPHTHENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
ACENAPHTHYLENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
ACETOPHENONE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.024	J	0.034	J
ANTHRACENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
ATRAZINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZALDEHYDE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZO(A)ANTHRACENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZO(B)FLUORANTHENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZO(GHI)PERYLENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZO(K)FLUORANTHENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZO-A-PYRENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BENZYL BUTYL PHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BIS(2-CHLOROETHOXY)METHANE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BIS(2-CHLOROETHYL) ETHER	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BIS(2-CHLOROISOPROPYL) ETHER	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
CAPROLACTAM	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
CARBAZOLE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
CHRYSENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
DIBENZO(A,H)ANTHRACENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
DIBENZOFURAN	0.0034	J	0.0044	J	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
DIETHYL PHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
DIMETHYL PHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	0.61		0.75		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
1,1-BIPHENYL	0.0035	J	0.035	UJ	0.035	U	0.039	U	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2,4-DICHLOROPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2,4-DINITROPHENOL	0.064	U	0.07	UJ	0.071	UJ	0.078	U	N/A	N/A
2,4-DINITROTOLUENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
2,6-DINITROTOLUENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
2-CHLORONAPHTHALENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
2-CHLOROPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.064	U	0.07	UJ	0.071	UJ	0.078	U	N/A	N/A
2-METHYLNAPHTHALENE	0.02	J	0.035	UJ	0.019	J	0.025	J	N/A	N/A
2-METHYLPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
2-NITROANILINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
2-NITROPHENOL	0.013	J	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
3-NITROANILINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
4-CHLOROANILINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
4-NITROANILINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
4-NITROPHENOL	0.064	U	0.07	UJ	0.071	UJ	0.078	U	N/A	N/A
ACENAPHTHENE	0.032	U	0.035	UJ	0.0037	J	0.039	U	N/A	N/A
ACENAPHTHYLENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
ACETOPHENONE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
ANTHRACENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
ATRAZINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZALDEHYDE	0.092	J	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZO(A)ANTHRACENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZO(GHI)PERYLENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZO-A-PYRENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
CAPROLACTAM	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
CARBAZOLE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
CHRYSENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
DIBENZOFURAN	0.0036	J	0.035	UJ	0.0059	J	0.039	U	N/A	N/A
DIETHYL PHTHALATE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
DIMETHYL PHTHALATE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
DI-N-OCTYLPHTHALATE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
FLUORANTHENE	N/A	N/A	N/A	N/A	0.0035	J	0.003	J	0.031	UJ	0.0043	J	0.0039	J
FLUORENE	N/A	N/A	N/A	N/A	0.034	U	0.0047	J	0.0043	J	0.0036	J	0.0092	J
HEXACHLOROBENZENE (HCB)	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
HEXACHLOROBUTADIENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
HEXACHLOROETHANE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
ISOPHORONE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
NAPHTHALENE	N/A	N/A	N/A	N/A	0.026	J	0.038	J	0.047	J	0.022	J	0.12	
NITROBENZENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U
PENTACHLOROPHENOL	N/A	N/A	N/A	N/A	0.068	U	0.058	UJ	0.063	UJ	0.069	UJ	0.066	U
PHENANTHRENE	N/A	N/A	N/A	N/A	0.012	J	0.017	J	0.013	J	0.016	J	0.024	J
PHENOL	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.0099	J
PYRENE	N/A	N/A	N/A	N/A	0.034	U	0.029	UJ	0.031	UJ	0.034	UJ	0.033	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
DI-N-OCTYLPHTHALATE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
FLUORANTHENE	0.0076	J	0.032	U	---	NA	---	NA	0.071	U	0.0045	J	0.033	U
FLUORENE	0.014	J	0.032	U	---	NA	---	NA	0.071	U	0.005	J	0.0047	J
HEXACHLOROBENZENE (HCB)	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
HEXACHLOROBUTADIENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
HEXACHLOROETHANE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
INDENO (1,2,3-CD) PYRENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
ISOPHORONE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
NAPHTHALENE	0.073		0.038	U	---	NA	---	NA	0.058	J	0.035	J	0.022	J
NITROBENZENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
N-NITROSODI-N-PROPYLAMINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U
PENTACHLOROPHENOL	0.071	U	0.062	U	---	NA	---	NA	0.14	U	0.071	U	0.066	U
PHENANTHRENE	0.034	J	0.015	J	---	NA	---	NA	0.019	J	0.016	J	0.0086	J
PHENOL	0.0095	J	0.032	U	---	NA	---	NA	0.071	U	0.0093	J	0.033	U
PYRENE	0.035	U	0.032	U	---	NA	---	NA	0.071	U	0.035	U	0.033	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
DI-N-OCTYLPHTHALATE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
FLUORANTHENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
FLUORENE	0.0068	J	0.0063	J	---	NA	0.0054	J	0.032	U	0.033	UJ	0.029	U
HEXACHLOROBENZENE (HCB)	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
HEXACHLOROBUTADIENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
HEXACHLOROETHANE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
INDENO (1,2,3-CD) PYRENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
ISOPHORONE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
NAPHTHALENE	0.073		0.076		---	NA	0.071		0.024	J	0.024	J	0.077	
NITROBENZENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
N-NITROSODI-N-PROPYLAMINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U
PENTACHLOROPHENOL	0.075	U	0.069	U	---	NA	0.068	U	0.065	U	0.067	UJ	0.059	U
PHENANTHRENE	0.016	J	0.012	J	---	NA	0.012	J	0.032	U	0.033	UJ	0.0058	J
PHENOL	0.037	U	0.035	U	---	NA	0.0078	J	0.01	J	0.033	UJ	0.016	J
PYRENE	0.037	U	0.035	U	---	NA	0.034	U	0.032	U	0.033	UJ	0.029	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
DI-N-OCTYLPHTHALATE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
FLUORANTHENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.0031	J	0.038	U
FLUORENE	0.0067	J	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
HEXACHLOROBENZENE (HCB)	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
HEXACHLOROBUTADIENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
HEXACHLOROETHANE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
INDENO (1,2,3-CD) PYRENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
ISOPHORONE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
NAPHTHALENE	0.054		0.078		0.05		0.048		0.046		0.032		0.051	
NITROBENZENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
N-NITROSODI-N-PROPYLAMINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
PENTACHLOROPHENOL	0.057	U	0.059	U	0.065	U	0.067	U	0.07	U	0.031	U	0.075	U
PHENANTHRENE	0.0051	J	0.0069	J	0.0038	J	0.0041	J	0.0045	J	0.0069	J	0.0045	J
PHENOL	0.018	J	0.019	J	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U
PYRENE	0.028	U	0.03	U	0.033	U	0.033	U	0.035	U	0.031	U	0.038	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
FLUORANTHENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
FLUORENE	0.032	U	0.035	UJ	0.0047	J	0.039	U	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
HEXACHLOROBUTADIENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
HEXACHLOROETHANE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.032	UJ	0.035	UJ	0.035	U	0.039	U	N/A	N/A
ISOPHORONE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
NAPHTHALENE	0.054		0.035	UJ	0.04		0.044		N/A	N/A
NITROBENZENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A
PENTACHLOROPHENOL	0.064	U	0.07	UJ	0.071	UJ	0.078	U	N/A	N/A
PHENANTHRENE	0.0051	J	0.035	UJ	0.0098	J	0.039	U	N/A	N/A
PHENOL	0.032	U	0.035	UJ	0.035	UJ	0.039	U	N/A	N/A
PYRENE	0.032	U	0.035	UJ	0.035	U	0.039	U	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	4	UJ	1.4	J	3.8	UJ	2.5	U	2.4	U	2.4	U	2.5	J
1,1,1,2-TETRACHLOROETHANE	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	2	U
1,1,1-TRICHLOROETHANE	0.28	J	0.34	J	1.5	UJ	2.5	U	2.4	U	2.4	U	0.4	J
1,1,2,2-TETRACHLOROETHANE	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	2	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.79	J	0.68	J	0.68	J	---	NA	---	NA	---	NA	0.68	J
1,1,2-TRICHLOROETHANE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
1,1-DICHLOROETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
1,1-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.1	UJ	2.4	UJ	2.4	UJ	2.5	U	2.4	U	2.4	U	2.4	U
1,2,3-TRICHLOROPROPANE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
1,2,4-TRIMETHYLBENZENE	1.4	UJ	0.32	J	1.6	UJ	2.5	U	2.4	U	2.4	U	0.81	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.8	UJ	2.9	UJ	2.9	UJ	2.5	U	2.4	U	2.4	U	2.9	U
1,2-DIBROMOETHANE (EDB)	2.1	UJ	2.4	UJ	2.4	UJ	2.5	U	2.4	U	2.4	U	2.4	U
1,2-DICHLOROBENZENE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
1,2-DICHLOROETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
1,2-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.9	UJ	2	UJ	2	UJ	---	NA	---	NA	---	NA	2	U
1,3,5-TRIMETHYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
1,3-BUTADIENE	0.54	UJ	0.58	UJ	0.59	UJ	2.5	U	2.4	U	2.4	U	0.59	U
1,3-DICHLOROBENZENE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
1,3-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
1,4-DICHLOROBENZENE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
2,2-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.1	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
ACETONE	61	J	28	J	11	J	---	NA	---	NA	---	NA	9.6	
ACRYLONITRILE	3.9	UJ	2.1	UJ	2.8	UJ	---	NA	---	NA	---	NA	0.59	U
BENZENE	0.88	J	5.8	UJ	0.59	J	2.5	U	2.4	U	2.4	U	6.1	U
BROMOBENZENE	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	2	U
BROMOCHLOROMETHANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
BROMODICHLOROMETHANE	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	2	U
BROMOFORM	8.6	UJ	14	UJ	9.4	UJ	2.5	U	2.4	U	2.4	U	9.4	U
BROMOMETHANE	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
BUTYL ACRYLATE	14	UJ	15	UJ	15	UJ	---	NA	---	NA	---	NA	15	U
CARBON DISULFIDE	0.82	J	4.4	UJ	4.4	UJ	2.5	U	2.4	U	2.4	U	4.4	U
CARBON TETRACHLORIDE	0.62	J	0.6	J	0.58	J	2.5	U	2.4	U	2.4	U	0.61	J
CHLOROBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
CHLORODIFLUOROMETHANE	0.8	J	2.1	J	1.8	J	---	NA	---	NA	---	NA	4	
CHLOROETHANE	0.81	UJ	0.88	UJ	0.88	UJ	2.5	U	2.4	U	2.4	U	0.88	U
CHLOROFORM	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	0.3	J
CHLOROMETHANE	1.6	J	1	J	1.2	J	2.5	U	2.4	U	2.4	U	1	
CIS-1,2-DICHLOROETHENE	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
CYCLOHEXANE	1.1	UJ	5.8	UJ	5.9	UJ	---	NA	---	NA	---	NA	5.9	U
DIBROMOCHLOROMETHANE	2.4	UJ	2.6	UJ	2.6	UJ	2.5	U	2.4	U	2.4	U	2.6	U
DIBROMOMETHANE	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	2	U
DICHLORODIFLUOROMETHANE	3.5	J	3.1	J	2.5	J	14	J	20	J	14	J	3.1	
ETHYL ACRYLATE	1.1	UJ	5.8	UJ	5.9	UJ	---	NA	---	NA	---	NA	5.9	U
ETHYL BENZENE	1.4	UJ	0.4	J	1.5	UJ	2.5	U	2.4	U	2.4	U	0.64	J
HEXACHLORO-1,3-BUTADIENE	3	UJ	3.2	UJ	3.2	UJ	2.5	U	2.4	U	2.4	U	3.2	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2.6	J	0.99	J	1.2	J	---	NA	0.68	J	3.9	U	0.93	J
1,1,1,2-TETRACHLOROETHANE	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
1,1,1-TRICHLOROETHANE	1.5	U	1.5	U	0.41	J	---	NA	0.32	J	1.5	U	1.4	U
1,1,2,2-TETRACHLOROETHANE	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.65	J	0.62	J	0.75	J	---	NA	0.85	J	0.7	J	0.52	J
1,1,2-TRICHLOROETHANE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,1-DICHLOROETHANE	1.2	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
1,1-DICHLOROPROPENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
1,2,3-TRICHLOROBENZENE	2.4	U	2.4	U	2	U	---	NA	2.4	U	2.4	U	2.3	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,2,4-TRIMETHYLBENZENE	0.56	J	1.9		0.39	J	---	NA	1.5	U	1.5	U	0.35	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	2.9	U	2.5	U	---	NA	3	U	3	U	2.9	U
1,2-DIBROMOETHANE (EDB)	2.4	U	2.4	U	2	U	---	NA	2.4	U	2.4	U	2.3	U
1,2-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,2-DICHLOROETHANE	1.2	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
1,2-DICHLOROPROPANE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
1,3,5-TRIMETHYLBENZENE	1.5	U	0.68	J	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
1,3-BUTADIENE	0.59	U	0.59	U	0.5	U	---	NA	0.59	U	0.6	U	0.57	U
1,3-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
1,3-DICHLOROPROPANE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
1,4-DICHLOROBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
2,2-DICHLOROPROPANE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	1.6		1	U	---	NA	1.2	U	1.2	U	1.1	U
ACETONE	18		12		22	J	---	NA	20		14		14	
ACRYLONITRILE	1.5	U	4.8	U	5.5	U	---	NA	7	U	4	U	5	U
BENZENE	0.71	J	0.52	J	0.62	J	---	NA	0.88	J	0.58	J	0.56	J
BROMOBENZENE	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
BROMOCHLOROMETHANE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
BROMODICHLOROMETHANE	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
BROMOFORM	9.4	U	9.4	U	8	U	---	NA	9.4	U	9.6	U	9.2	U
BROMOMETHANE	1.2	U	1.2	U	1.1	U	---	NA	1.2	U	1.2	U	1.1	U
BUTYL ACRYLATE	15	U	15	U	12	U	---	NA	15	U	15	U	14	U
CARBON DISULFIDE	3	U	4.4	U	12	U	---	NA	4	U	3.9	U	13	U
CARBON TETRACHLORIDE	0.51	J	0.55	J	0.7	J	---	NA	0.77	J	0.62	J	0.51	J
CHLOROBENZENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
CHLORODIFLUOROMETHANE	1.2		140		0.78	J	---	NA	3.2		1.5		1	J
CHLOROETHANE	0.88	U	0.88	U	0.75	U	---	NA	0.88	U	0.9	U	0.86	U
CHLOROFORM	1.5	U	1.2	J	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
CHLOROMETHANE	1.1		1.1		1.1		---	NA	1.6		1.2		1.1	
CIS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
CYCLOHEXANE	1.1	J	5.9	U	5	U	---	NA	5.9	U	6	U	5.7	U
DIBROMOCHLOROMETHANE	2.6	U	2.6	U	2.2	U	---	NA	2.7	U	2.7	U	2.6	U
DIBROMOMETHANE	2	U	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
DICHLORODIFLUOROMETHANE	2.6		5.1		3.1		---	NA	4.1	J	3.3	J	2.5	
ETHYL ACRYLATE	5.9	U	5.9	U	5	U	---	NA	5.9	U	6	U	5.7	U
ETHYL BENZENE	0.82	J	0.32	J	0.36	J	---	NA	1.5	U	1.5	U	1.4	U
HEXACHLORO-1,3-BUTADIENE	3.2	U	3.2	U	2.8	U	---	NA	3.2	U	3.3	U	3.1	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	0.71	J	4.4		2.2	J	1	J	2.8	UJ	0.37	J	1.3	AJ
1,1,1,2-TETRACHLOROETHANE	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
1,1,1-TRICHLOROETHANE	1.5	U	1.4	U	0.33	J	0.24	J	0.36	J	0.39	J	0.27	AJ
1,1,2,2-TETRACHLOROETHANE	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.47	J	0.52	J	0.73	J	0.56	J	0.94	J	0.95	J	0.58	AJ
1,1,2-TRICHLOROETHANE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.1	UJ	1.3	U
1,1-DICHLOROETHANE	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
1,1-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
1,2,3-TRICHLOROBENZENE	2.4	U	2.3	U	2.3	UJ	1.8	UJ	1.8	UJ	1.5	UJ	1.7	U
1,2,3-TRICHLOROPROPANE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.1	UJ	1.3	U
1,2,4-TRIMETHYLBENZENE	1.5	U	1.6		0.66	J	0.43	J	1.1	UJ	0.92	UJ	0.33	AJ
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	3	U	2.9	U	2.9	UJ	12	UJ	11	UJ	9.2	UJ	2.2	U
1,2-DIBROMOETHANE (EDB)	2.4	U	2.3	U	2.3	UJ	1.8	UJ	1.8	UJ	1.5	UJ	1.7	U
1,2-DICHLOROBENZENE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.1	UJ	1.3	U
1,2-DICHLOROETHANE	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
1,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
1,3,5-TRIMETHYLBENZENE	1.5	U	0.4	J	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
1,3-BUTADIENE	0.6	U	0.61		0.32	J	0.46	UJ	0.44	UJ	0.37	UJ	0.43	U
1,3-DICHLOROBENZENE	1.8	U	1.7	U	1.8	UJ	1.4	UJ	1.3	UJ	1.1	UJ	1.3	U
1,3-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
1,4-DICHLOROBENZENE	1.8	U	0.36	J	1.8	UJ	1.4	UJ	1.3	UJ	1.1	UJ	1.3	U
2,2-DICHLOROPROPANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	0.95	J	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
ACETONE	12		13	J	16	J	5.9	J	4	J	17	UJ	8	A
ACRYLONITRILE	3.6	U	1.9	U	2.4	UJ	1.4	UJ	0.44	UJ	0.37	UJ	3.4	U
BENZENE	0.79	J	1.8		1.6	J	0.97	J	0.6	J	0.76	J	1.2	A
BROMOBENZENE	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
BROMOCHLOROMETHANE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
BROMODICHLOROMETHANE	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
BROMOFORM	9.5	U	9.2	U	9.4	UJ	7.4	UJ	7	UJ	5.9	UJ	6.9	U
BROMOMETHANE	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
BUTYL ACRYLATE	15	U	14	U	15	UJ	5.8	UJ	5.5	UJ	4.6	UJ	1.1	U
CARBON DISULFIDE	11	U	4.3	U	8.5	UJ	3.4	UJ	2.2	UJ	2.1	UJ	5	U
CARBON TETRACHLORIDE	0.45	J	0.5	J	0.74	J	0.55	J	0.95	J	1	J	0.6	AJ
CHLOROBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
CHLORODIFLUOROMETHANE	1.1	J	4		3.8	J	1	J	1	J	1.4	J	1	A
CHLOROETHANE	0.89	U	0.87	U	0.88	UJ	0.69	UJ	0.66	UJ	0.55	UJ	0.65	U
CHLOROFORM	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
CHLOROMETHANE	0.96		0.9		1.2	J	1.1	J	2.2	J	1.8	J	1.4	A
CIS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
CIS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
CYCLOHEXANE	6	U	5.8	U	5.8	UJ	4.6	UJ	4.4	UJ	3.7	UJ	0.86	U
DIBROMOCHLOROMETHANE	2.7	U	2.6	U	2.6	UJ	2.1	UJ	2	UJ	1.6	UJ	1.9	U
DIBROMOMETHANE	2.1	U	2	U	2	UJ	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
DICHLORODIFLUOROMETHANE	2.4		3.1		4	J	2.4	J	4.1	J	4.4	J	2.7	A
ETHYL ACRYLATE	6	U	5.8	U	5.8	UJ	4.6	UJ	4.4	UJ	3.7	UJ	0.86	U
ETHYL BENZENE	1.5	U	1	J	0.58	J	0.34	J	1.1	UJ	0.92	UJ	0.41	AJ
HEXACHLORO-1,3-BUTADIENE	3.3	U	3.2	U	3.2	UJ	2.5	UJ	2.4	UJ	2	UJ	2.4	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	0.73	J	1.4	J	0.54	J	0.75	J	0.81	J	0.49	J	1.3	J
1,1,1,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
1,1,1-TRICHLOROETHANE	0.27	J	0.25	J	0.25	J	0.28	J	0.29	J	1.1	U	0.24	J
1,1,2,2-TETRACHLOROETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.75	J	0.55	J	0.63	J	0.63	J	0.77	J	0.63	J	0.5	J
1,1,2-TRICHLOROETHANE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
1,1-DICHLOROETHANE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
1,1-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	1.7	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U
1,2,3-TRICHLOROPROPANE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
1,2,4-TRIMETHYLBENZENE	0.25	J	0.49	J	1.1	U	0.26	J	0.24	J	1.1	U	0.37	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.1	U	2.2	U	2.2	U	2.3	UJ	2.2	U	2.2	U	2.2	U
1,2-DIBROMOETHANE (EDB)	1.7	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.8	U
1,2-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
1,2-DICHLOROETHANE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
1,2-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
1,3,5-TRIMETHYLBENZENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,3-BUTADIENE	0.41	U	0.44	U	0.44	U	0.38	J	0.44	U	0.44	U	0.44	U
1,3-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
1,3-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,4-DICHLOROBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
2,2-DICHLOROPROPANE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
ACETONE	40		21	U	17	U	34	UJ	9.7	J	31	U	22	U
ACRYLONITRILE	3.6	U	1.8	U	0.44	U	2.5	UJ	4.1	U	3.3	U	4	U
BENZENE	1.2		1.4		0.94		0.97	J	1.1		0.67		1.1	
BROMOBENZENE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
BROMOCHLOROMETHANE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
BROMODICHLOROMETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
BROMOFORM	6.6	U	7.1	U	7.1	U	7.2	UJ	7	U	7	U	7.1	U
BROMOMETHANE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
BUTYL ACRYLATE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CARBON DISULFIDE	10	U	14	U	2	U	5	UJ	6.5	U	5.5	U	6	U
CARBON TETRACHLORIDE	0.61	J	0.52	J	0.69	J	0.62	J	0.72	J	0.55	J	0.48	J
CHLOROBENZENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	0.7		1.3		0.67		3.6	J	0.97	J	0.62	J	0.71	J
CHLOROETHANE	0.62	U	0.66	U	0.67	U	0.68	UJ	0.66	U	0.66	U	0.66	U
CHLOROFORM	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLOROMETHANE	1.4		1.1		1		1.4	J	1.3		1.1	J	0.97	
CIS-1,2-DICHLOROETHENE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
CIS-1,3-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CYCLOHEXANE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
DIBROMOCHLOROMETHANE	1.9	U	2	U	2	U	2	UJ	2	U	2	U	2	U
DIBROMOMETHANE	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
DICHLORODIFLUOROMETHANE	2.4		2.2		2.2		2.8	J	2.9		2.2		1.9	J
ETHYL ACRYLATE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
ETHYL BENZENE	0.26	J	0.42	J	0.24	J	0.26	J	0.27	J	1.1	U	0.38	J
HEXACHLORO-1,3-BUTADIENE	2.3	U	2.4	U	2.4	U	2.5	UJ	2.4	U	2.4	U	2.4	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	0.82	J	0.37	J	0.5	J	N/A	N/A	0.45	J
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	1.1	U	1.1	U	0.34	J	N/A	N/A	0.29	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.51	J	0.59	J	0.87	J	N/A	N/A	0.54	J
1,1,2-TRICHLOROETHANE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
1,1-DICHLOROETHANE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.6	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
1,2,4-TRIMETHYLBENZENE	0.23	J	1.1	U	0.26	J	N/A	N/A	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.2	U	2.3	U	2	UJ	N/A	N/A	2.3	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.6	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
1,2-DICHLOROETHANE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	0.44	U	0.45	U	0.4	UJ	N/A	N/A	0.45	U
1,3-DICHLOROBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
ACETONE	22	U	55	U	31	J	N/A	N/A	27	U
ACRYLONITRILE	4.3	U	3.7	U	7	UJ	N/A	N/A	3.9	U
BENZENE	0.76		0.71		3.2	J	N/A	N/A	0.5	J
BROMOBENZENE	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
BROMOFORM	7.1	U	7.3	U	6.4	UJ	N/A	N/A	7.2	U
BROMOMETHANE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
BUTYL ACRYLATE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	8.5	U	14	U	6.5	UJ	N/A	N/A	3.4	U
CARBON TETRACHLORIDE	0.54	J	0.62	J	0.9	J	N/A	N/A	0.51	J
CHLOROBENZENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	0.67		1.1		5.2	J	N/A	N/A	3.3	
CHLOROETHANE	0.67	U	0.68	U	0.6	UJ	N/A	N/A	0.68	U
CHLOROFORM	1.1	U	6		1	UJ	N/A	N/A	1.1	U
CHLOROMETHANE	1.2		1.4		3.1	J	N/A	N/A	0.9	
CIS-1,2-DICHLOROETHENE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
DIBROMOCHLOROMETHANE	2	U	2	U	1.8	UJ	N/A	N/A	2	U
DIBROMOMETHANE	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	3.5		3		---	NA	N/A	N/A	2.1	
ETHYL ACRYLATE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
ETHYL BENZENE	0.26	J	1.1	U	1	UJ	N/A	N/A	1.1	U
HEXACHLORO-1,3-BUTADIENE	2.4	U	2.5	U	2.2	UJ	N/A	N/A	2.5	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	1.8	J	1.6	J	1	J	---	NA	---	NA	---	NA	2.4	
ISOPROPYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
METHYL ACETATE	0.81	UJ	0.36	J	0.81	J	2.5	U	---	NA	---	NA	0.36	J
METHYL BUTYL KETONE	5.4	UJ	5.8	UJ	5.9	UJ	---	NA	---	NA	---	NA	5.9	U
METHYL ETHYL KETONE	3	J	2.8	J	8.8	UJ	---	NA	---	NA	---	NA	1.6	
METHYL ISOBUTYL KETONE	5.4	UJ	5.8	UJ	5.9	UJ	---	NA	---	NA	---	NA	5.9	U
METHYL METHACRYLATE	1.1	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYL T-BUTYL ETHER (MTBE)	1.1	UJ	1.9	J	0.72	J	---	NA	---	NA	---	NA	2.2	
METHYLCYCLOHEXANE	1.1	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYLENE CHLORIDE	1.2	J	0.88	UJ	0.88	UJ	2.5	U	2.4	U	2.4	U	0.52	J
N-BUTYLBENZENE	1.6	UJ	8.8	UJ	8.8	UJ	2.5	U	2.4	U	2.4	U	8.8	U
N-PROPYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
O-CHLOROTOLUENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
O-XYLENE	1.4	UJ	0.46	J	1.5	UJ	2.5	U	2.4	U	2.4	U	0.71	J
P-CHLOROTOLUENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
P-ISOPROPYLTOLUENE	1.6	UJ	8.8	UJ	8.8	UJ	2.5	U	2.4	U	2.4	U	8.8	U
SEC-BUTYLBENZENE	1.6	UJ	1.8	UJ	1.8	UJ	3.3		2.4	U	3.3		1.8	U
STYRENE	1.1	UJ	5.8	UJ	5.9	UJ	100	U	70	U	100	U	5.9	U
TERT-BUTYLBENZENE	1.6	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.4	U	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.9	UJ	2	UJ	2	UJ	2.5	U	2.4	U	2.4	U	0.4	J
TOLUENE	1.8	J	2.6	J	1.1	J	3.7		2.9		2.4	U	4.6	
TRANS-1,2-DICHLOROETHENE	1.1	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.4	U	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.4	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	3.8	UJ	7.2	UJ	7.5	UJ	2.5	U	2.4	U	2.4	U	7.2	U
TRICHLOROFLUOROMETHANE (FREON 11)	2	J	1.8	J	1.4	J	2.5	U	2.4	U	2.4	U	1.8	J
VINYL CHLORIDE	0.81	UJ	0.88	UJ	0.88	UJ	2.5	U	2.4	U	2.4	U	0.88	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	34		1.4		70		---	NA	1.5		0.92	J	1.2	
ISOPROPYLBENZENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
METHYL ACETATE	0.88	U	1.1		0.75	U	---	NA	0.88	U	0.9	U	0.44	J
METHYL BUTYL KETONE	5.9	U	5.9	U	5	U	---	NA	5.9	U	6	U	5.7	U
METHYL ETHYL KETONE	3.2		1.9		3.6		---	NA	1.8	J	2.3	J	2	
METHYL ISOBUTYL KETONE	5.9	U	5.9	U	5	U	---	NA	5.9	U	6	U	5.7	U
METHYL METHACRYLATE	1.2	U	0.34	J	1	U	---	NA	1.2	U	1.2	U	1.1	U
METHYL T-BUTYL ETHER (MTBE)	1	J	1.6		0.96	J	---	NA	1.1	J	0.55	J	0.72	J
METHYLCYCLOHEXANE	0.49	J	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
METHYLENE CHLORIDE	1.8		0.88	U	0.31	J	---	NA	0.35	J	0.9	U	0.86	U
N-BUTYLBENZENE	8.8	U	8.8	U	7.5	U	---	NA	8.8	U	9	U	8.6	U
N-PROPYLBENZENE	1.5	U	0.46	J	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
O-CHLOROTOLUENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
O-XYLENE	0.75	J	0.56	J	0.36	J	---	NA	1.5	U	1.5	U	0.31	J
P-CHLOROTOLUENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
P-ISOPROPYLTOLUENE	8.8	U	8.8	U	7.5	U	---	NA	8.8	U	9	U	8.6	U
SEC-BUTYLBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
STYRENE	5.9	U	5.9	U	5	U	---	NA	5.9	U	6	U	5.7	U
TERT-BUTYLBENZENE	1.8	U	1.8	U	1.5	U	---	NA	1.8	U	1.8	U	1.7	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	0.72	J	2	U	1.8	U	---	NA	2.1	U	2.1	U	2	U
TOLUENE	11		5.2		1.8		---	NA	1.8		1.5		1.8	
TRANS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1	U	---	NA	1.2	U	1.2	U	1.1	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.5	U	1.2	U	---	NA	1.5	U	1.5	U	1.4	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.2	U	7.2	U	6.2	U	---	NA	7.4	U	7.5	U	7.2	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.4	J	1.6	J	1.8		---	NA	2.6	J	1.9	J	1.4	J
VINYL CHLORIDE	0.88	U	0.88	U	0.75	U	---	NA	0.88	U	0.9	U	0.86	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	1.5		3.5		3.4	J	2.2	J	0.88	UJ	0.58	J	0.97	A
ISOPROPYLBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
METHYL ACETATE	0.89	U	0.87	U	0.88	UJ	0.69	UJ	0.66	UJ	0.55	UJ	0.65	U
METHYL BUTYL KETONE	6	U	5.8	U	5.8	UJ	4.6	UJ	4.4	UJ	3.7	UJ	4.3	U
METHYL ETHYL KETONE	1.6		3.1		2.2	J	1	J	3.9	UJ	2.9	UJ	2	AJ
METHYL ISOBUTYL KETONE	6	U	0.58	J	5.8	UJ	4.6	UJ	4.4	UJ	3.7	UJ	4.3	U
METHYL METHACRYLATE	1.2	U	0.56	J	1.2	UJ	4.6	UJ	4.4	UJ	3.7	UJ	0.86	U
METHYL T-BUTYL ETHER (MTBE)	0.8	J	4.5		2.2	J	0.9	J	0.88	UJ	0.73	UJ	0.37	AJ
METHYLCYCLOHEXANE	1.2	U	0.43	J	1.2	UJ	4.6	UJ	4.4	UJ	3.7	UJ	0.86	U
METHYLENE CHLORIDE	0.89	U	0.45	J	0.49	J	0.69	UJ	0.66	UJ	0.55	UJ	0.65	U
N-BUTYLBENZENE	8.9	U	8.7	U	8.8	UJ	6.9	UJ	6.6	UJ	5.5	UJ	1.3	U
N-PROPYLBENZENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
O-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
O-XYLENE	0.33	J	1.2	J	0.7	J	5.8	UJ	5.5	UJ	4.6	UJ	0.41	AJ
P-CHLOROTOLUENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
P-ISOPROPYLTOLUENE	8.9	U	8.7	U	8.8	UJ	6.9	UJ	6.6	UJ	5.5	UJ	1.3	U
SEC-BUTYLBENZENE	1.8	U	1.7	U	1.8	UJ	6.9	UJ	6.6	UJ	5.5	UJ	1.3	U
STYRENE	6	U	5.8	U	5.8	UJ	4.6	UJ	4.4	UJ	3.7	UJ	0.86	U
TERT-BUTYLBENZENE	1.8	U	1.7	U	1.8	UJ	6.9	UJ	6.6	UJ	5.5	UJ	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2.1	U	2	U	0.36	J	1.6	UJ	1.5	UJ	1.3	UJ	1.5	U
TOLUENE	1.6		7.1		4	J	1.7	J	0.63	J	1.3	J	2.5	A
TRANS-1,2-DICHLOROETHENE	1.2	U	1.2	U	1.2	UJ	0.92	UJ	0.88	UJ	0.73	UJ	0.86	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	1.4	U	1.5	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.4	U	7.2	U	7.3	UJ	1.2	UJ	1.1	UJ	0.92	UJ	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	1.5	J	2.1	J	1.2	J	3	J	2.7	J	1.6	A
VINYL CHLORIDE	0.89	U	0.87	U	0.88	UJ	0.69	UJ	0.66	UJ	0.55	UJ	0.65	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	0.52	J	2.1		0.72	J	0.98	J	0.79	J	0.41	J	1.6	
ISOPROPYLBENZENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
METHYL ACETATE	7.4		0.35	J	0.67	U	0.42	J	0.66	U	0.66	U	0.66	U
METHYL BUTYL KETONE	4.1	U	4.4	U	4.4	U	4.5	UJ	4.4	U	4.4	U	4.4	U
METHYL ETHYL KETONE	3.4		0.8	J	3.9	U	1.9	J	1.4	J	1.1	J	1	J
METHYL ISOBUTYL KETONE	4.1	U	4.4	U	4.4	U	4.5	UJ	4.4	U	4.4	U	4.4	U
METHYL METHACRYLATE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
METHYL T-BUTYL ETHER (MTBE)	0.33	J	0.75	J	0.24	J	0.32	J	0.42	J	0.88	U	0.51	J
METHYLCYCLOHEXANE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
METHYLENE CHLORIDE	0.62	U	0.23	J	0.26	J	0.68	UJ	0.25	J	0.25	J	0.24	J
N-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
N-PROPYLBENZENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
O-CHLOROTOLUENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
O-XYLENE	0.27	J	0.49	J	1.1	U	0.26	J	0.25	J	1.1	U	0.38	J
P-CHLOROTOLUENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
SEC-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
STYRENE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
TERT-BUTYLBENZENE	1.2	U	1.3	U	1.3	U	1.4	UJ	1.3	U	1.3	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.4	U	1.5	U	1.6	U	1.6	UJ	1.5	U	1.5	U	1.5	U
TOLUENE	1.3		2.4		1.4		2.8	J	1.3		0.76	J	1.9	
TRANS-1,2-DICHLOROETHENE	0.83	U	0.88	U	0.89	U	0.9	UJ	0.88	U	0.88	U	0.88	U
TRANS-1,3-DICHLOROPROPENE	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.5		1.3	J	1.4		1.8	J	1.8		1.3	J	1.1	J
VINYL CHLORIDE	0.62	U	0.66	U	0.67	U	0.68	UJ	0.66	U	0.66	U	0.66	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	0.56	J	0.39	J	0.85	J	N/A	N/A	0.4	J
ISOPROPYLBENZENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.67	U	0.68	U	0.3	J	N/A	N/A	0.68	U
METHYL BUTYL KETONE	4.4	U	4.5	U	4	UJ	N/A	N/A	4.5	U
METHYL ETHYL KETONE	4.3	U	6.5	U	2.8	J	N/A	N/A	0.72	J
METHYL ISOBUTYL KETONE	4.4	U	4.5	U	4	UJ	N/A	N/A	4.5	U
METHYL METHACRYLATE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
METHYL T-BUTYL ETHER (MTBE)	0.25	J	0.25	J	0.24	J	N/A	N/A	0.27	J
METHYLCYCLOHEXANE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
METHYLENE CHLORIDE	0.67	U	0.68	U	0.45	J	N/A	N/A	0.23	J
N-BUTYLBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
N-PROPYLBENZENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
O-CHLOROTOLUENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
O-XYLENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
P-CHLOROTOLUENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
SEC-BUTYLBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
STYRENE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
TERT-BUTYLBENZENE	1.3	U	1.4	U	1.2	UJ	N/A	N/A	1.4	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.6	U	1.6	U	1.4	UJ	N/A	N/A	1.6	U
TOLUENE	0.85	J	0.78	J	1.5	J	N/A	N/A	1.5	
TRANS-1,2-DICHLOROETHENE	0.89	U	0.91	U	0.8	UJ	N/A	N/A	0.9	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	1.5		2.5	J	N/A	N/A	1.3	J
VINYL CHLORIDE	0.67	U	0.68	U	0.6	UJ	N/A	N/A	0.68	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
ANTIMONY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
ARSENIC	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
BARIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
BERYLLIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
BORON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
CADMIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
CALCIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
CHROMIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
COBALT	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
COPPER	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
IRON	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
LEAD	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
MAGNESIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
MANGANESE	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
MOLYBDENUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
NICKEL	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
POTASSIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
SELENIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
SILVER	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
SODIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
STRONTIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
TELLURIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
THALLIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
TIN	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
TITANIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
TOTAL MERCURY	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
VANADIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
YTTRIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
ZINC	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A
ZIRCONIUM	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	---	NA	---	NA	N/A	N/A

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	N/A	N/A	N/A	N/A	0.62	U	0.6	U	0.59	U	0.61	U	0.64	U
HF (CALCULATED FROM F)	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	0.13		N/A	N/A	N/A	N/A	0.56	U	0.16		0.16	
ANTIMONY	N/A	N/A	0.0055	U	N/A	N/A	N/A	N/A	0.00076		0.001		0.00053	
ARSENIC	N/A	N/A	0.0013		N/A	N/A	N/A	N/A	0.0019		0.0017		0.001	
BARIUM	N/A	N/A	0.0057		N/A	N/A	N/A	N/A	0.007		0.0074		0.0071	
BERYLLIUM	N/A	N/A	0.000028	U	N/A	N/A	N/A	N/A	0.000028	U	0.00014	U	0.00014	U
BORON	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	N/A	N/A	0.00099		N/A	N/A	N/A	N/A	0.00061	U	0.001		0.00034	
CALCIUM	N/A	N/A	0.64		N/A	N/A	N/A	N/A	0.98		0.49		0.86	
CHROMIUM	N/A	N/A	0.0027		N/A	N/A	N/A	N/A	0.0023		0.0026		0.0028	
COBALT	N/A	N/A	0.0014	U	N/A	N/A	N/A	N/A	0.0028	U	0.0028	U	0.0028	U
COPPER	N/A	N/A	0.55		N/A	N/A	N/A	N/A	0.44		0.58		0.62	
IRON	N/A	N/A	0.18		N/A	N/A	N/A	N/A	0.2		0.27		0.24	
LEAD	N/A	N/A	0.0066	U	N/A	N/A	N/A	N/A	0.0031		0.0034		0.0026	
MAGNESIUM	N/A	N/A	0.14		N/A	N/A	N/A	N/A	0.16		0.15		0.14	
MANGANESE	N/A	N/A	0.007		N/A	N/A	N/A	N/A	0.0057		0.012		0.009	
MOLYBDENUM	N/A	N/A	0.0014	U	N/A	N/A	N/A	N/A	0.0014	U	0.0014	U	0.0014	U
NICKEL	N/A	N/A	0.0026		N/A	N/A	N/A	N/A	0.0019		0.0029		0.0044	
POTASSIUM	N/A	N/A	0.11	U	N/A	N/A	N/A	N/A	0.56	U	0.55	U	0.56	U
SELENIUM	N/A	N/A	0.0055	U	N/A	N/A	N/A	N/A	0.0056	U	0.0055	U	0.0056	U
SILVER	N/A	N/A	0.0028	UJ	N/A	N/A	N/A	N/A	0.028	UJ	0.0028	UJ	0.0028	UJ
SODIUM	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	1.4	U	1.2		0.68	
STRONTIUM	N/A	N/A	0.0014	U	N/A	N/A	N/A	N/A	0.0028	U	0.0028	U	0.0028	U
TELLURIUM	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	0.0028	U	---	NA
THALLIUM	N/A	N/A	0.00011	U	N/A	N/A	N/A	N/A	0.000028	U	0.000028	U	0.000028	U
TIN	N/A	N/A	0.0055	U	N/A	N/A	N/A	N/A	0.0028	U	0.0028	U	0.0028	U
TITANIUM	N/A	N/A	0.0032		N/A	N/A	N/A	N/A	0.056	U	0.0047		0.0045	
TOTAL MERCURY	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	N/A	N/A	0.0014	U	N/A	N/A	N/A	N/A	0.0028	U	0.0028	U	0.0028	U
YTTRIUM	N/A	N/A	0.00083	U	N/A	N/A	N/A	N/A	0.0028	U	0.0028	U	0.0028	U
ZINC	N/A	N/A	0.046		N/A	N/A	N/A	N/A	0.027		0.04		0.036	
ZIRCONIUM	N/A	N/A	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.63	U	0.6	U	N/A	N/A	N/A	N/A	0.66	U	0.63	U	3.2	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	N/A	N/A	N/A	N/A	---	NAI	---	NAI	---	NAI

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.17		0.21		0.41		0.094		0.17		0.13		0.11	
ANTIMONY	0.0056	U	0.0056	U	0.0057	U	0.0058	U	0.011	U	0.0056	U	0.011	U
ARSENIC	0.0014		0.0023		0.0018		0.0016		0.00056		0.0008		0.001	
BARIUM	0.012		0.014		0.033		0.0071		0.0065		0.0035		0.0055	
BERYLLIUM	0.000028	U	0.000028	U	0.000029		0.000029	U	0.000014	U	0.000014	U	0.000014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.00021		0.0014		0.00068		0.002		0.0014	U	0.0014	U	0.0014	U
CALCIUM	0.81		0.96		2.2		0.48		2		0.38		0.42	
CHROMIUM	0.0026		0.003		0.0037		0.0028		0.0025		0.0025		0.0024	
COBALT	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
COPPER	0.95		0.93		1		1.2		0.89		0.14		1.6	
IRON	0.35		0.37		0.88		0.18		0.31		0.14	U	0.14	
LEAD	0.0056	U	0.0071	J	0.028	U	0.029	U	0.011	U	0.008	U	0.011	U
MAGNESIUM	0.2		0.16		0.35		0.14	U	0.23		0.14	U	0.14	U
MANGANESE	0.011		0.013		0.051		0.0047		0.001		0.0036		0.0038	
MOLYBDENUM	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0028	U	0.0014	U	0.0028	U
NICKEL	0.0028		0.0046		0.0044		0.0023		0.0036		0.0026		0.0028	
POTASSIUM	0.56	U	0.56	U	0.57	U	0.58	U	0.56	U	0.56	U	0.57	U
SELENIUM	0.0056	U	0.0056	U	0.0057	UJ	0.0058	UJ	0.011	U	0.0056	U	0.011	U
SILVER	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	UJ	0.0014	U	0.0014	UJ
SODIUM	1.1		0.73		0.99		0.74		0.73		0.76		1.1	
STRONTIUM	0.002		0.0026		0.0064		0.0015		0.0033		0.0014	U	0.0014	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.00028	U	0.00028	U	0.000039		0.000029	U	0.000071	U	0.000071	U	0.000071	U
TIN	0.0056	U	0.0056	U	0.0057	U	0.0058	U	0.011	U	0.0056	U	0.011	U
TITANIUM	0.0048		0.0057		0.013		0.0029	U	0.0052		0.0028	U	0.0036	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0014	U	0.0014	U	0.002		0.0014	U	0.0014	U	0.0014	U	0.0014	U
YTTRIUM	0.00083	U	0.00083	U	0.00086	U	0.00086	U	0.00085	U	0.00085	U	0.00086	U
ZINC	0.033		0.044		0.061		0.043		0.05	U	0.044		0.05	U
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.2	U	0.64	U	0.6	U	0.61	U	---	NAI	0.6	U	0.61	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.091		0.16		0.1		0.13		0.12		0.15		0.2	
ANTIMONY	0.011	U	0.0055	U	0.0056	U	0.00059		0.0011		0.00075		0.00065	
ARSENIC	0.001		0.0008		0.00084		0.00046		0.0012		0.00084		0.00084	
BARIUM	0.0055		0.0083		0.0045		0.0075		0.0097		0.007		0.01	
BERYLLIUM	0.000014	U	0.000014		0.000014		0.000014	U	0.00014	U	0.00014	U	0.00014	U
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
CADMIUM	0.0014	U	0.0014	U	0.00084	U	0.00071	U	0.00073		0.00043	U	0.00022	
CALCIUM	0.71		0.9		0.39		0.73		1.1		0.98		2.1	
CHROMIUM	0.0026		0.0024		0.0031		0.003		0.0028		0.0024		0.0029	
COBALT	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.00072	U
COPPER	1.1		1.6		1.3		2		1.9		0.82		3.1	
IRON	0.15		0.23		0.14	U	0.18		0.26		0.24		0.38	
LEAD	0.011	U	0.009	U	0.01	U	0.01	U	0.007		0.0048		0.0043	
MAGNESIUM	0.14	U	0.14	U	0.14	U	0.14	U	0.18		0.18		0.26	
MANGANESE	0.003		0.0052		0.0042		0.0045		0.0087		0.0068		0.01	
MOLYBDENUM	0.0028	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U	0.0014	U
NICKEL	0.0023		0.0057		0.0028		0.0035		0.0026		0.0032		0.0037	
POTASSIUM	0.57	U	0.55	U	1.1	U	0.57	U	0.56	U	0.57	U	0.29	U
SELENIUM	0.011	U	0.0028	U	0.0023		0.0016		0.0022		0.0014		0.0012	
SILVER	0.0014	UJ	0.0014	U	0.0015	J	0.0014	U	0.0014	UJ	0.0014	UJ	0.0029	U
SODIUM	1.6		2		0.93		0.76		0.78		1.1		0.86	
STRONTIUM	0.0015		0.0022		0.0014		0.0014	U	0.0022		0.0021		0.0042	
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
THALLIUM	0.000071	U	0.000069	U	0.000028	U	0.000071	U	0.00014	U	0.00014	U	0.00014	U
TIN	0.011	U	0.0055	U	0.0056	U	0.0057	U	0.0071	U	0.0071	U	0.0029	U
TITANIUM	0.0029		0.005		0.0028	U	0.0032		0.0042		0.004		0.0072	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA
VANADIUM	0.0014	U	0.0014	U	0.0028	U	0.0014	U	0.0014	U	0.0015		0.0014	U
YTTRIUM	0.00085	U	0.00083	U	0.00084	U	0.00085	U	0.00085	U	0.00086	U	0.00043	U
ZINC	0.05	U	0.043		0.043		0.031		0.041		0.043		0.047	
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.68	U	0.6	U	1.2	U	0.6	U	1.2	U	1.2	U	1.5	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.62	U	0.31	U	0.62	U	0.62	U	0.79	U

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	0.11		0.13		0.23		0.24		N/A	N/A
ANTIMONY	0.00088		0.00032		0.0003		0.00056		N/A	N/A
ARSENIC	0.00062		0.00051		0.00051		0.00056		N/A	N/A
BARIUM	0.0066		0.0052		0.0068		0.0094		N/A	N/A
BERYLLIUM	0.00014	U	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.00027	U	0.00022		0.00026		0.0002		N/A	N/A
CALCIUM	1.1		0.71		1.7		1.1		N/A	N/A
CHROMIUM	0.0025		0.0027		0.0027		0.0025		N/A	N/A
COBALT	0.0014	U	0.00068	U	0.00068	U	0.00069	U	N/A	N/A
COPPER	0.72		2.3		1.3		2.4		N/A	N/A
IRON	0.23		0.18		0.35		0.39		N/A	N/A
LEAD	0.005		0.0022	U	0.0068	U	0.0036		N/A	N/A
MAGNESIUM	0.16		0.091		0.21		0.24		N/A	N/A
MANGANESE	0.01		0.0044		0.019		0.013		N/A	N/A
MOLYBDENUM	0.0014	U	0.0014	U	0.0014	U	0.0014	U	N/A	N/A
NICKEL	0.0024		0.003		0.0028		0.0024		N/A	N/A
POTASSIUM	0.54	U	0.27	U	0.27	U	0.28	U	N/A	N/A
SELENIUM	0.0023		0.00054	U	0.00052		0.00088		N/A	N/A
SILVER	0.0014	UJ	0.0027	U	0.00049		0.0028	UJ	N/A	N/A
SODIUM	0.6		0.76		0.68		0.77		N/A	N/A
STRONTIUM	0.002		0.0012		0.003		0.0024		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00014	U	0.00014	U	0.00014	U	0.00014	U	N/A	N/A
TIN	0.0068	U	0.0027	U	0.0027	U	0.0028	U	N/A	N/A
TITANIUM	0.0036		0.0031		0.0058		0.0066		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0014	U	0.00068	U	0.00074		0.00069	U	N/A	N/A
YTTRIUM	0.00081	U	0.00041	U	0.00041	U	0.00041	U	N/A	N/A
ZINC	0.042		0.036		0.038		0.036		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.3	U	1.3	U	1.3	U	N/A	N/A	N/A	N/A
HF (CALCULATED FROM F)	0.67	U	0.67	U	0.68	U	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00004	J	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00013	J	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000029	J	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00013		N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000036	J	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00024		N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000044	J	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00012		N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	---	NA	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00017		N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.000042	J	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00071	U	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PESTICIDES/PCBS														
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PESTICIDES/PCBS										
4,4'-DDD (P,P'-DDD)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDE (P,P'-DDE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDT (P,P'-DDT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ALPHA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BETA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CIS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DELTA-BHC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DIELDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN I (ALPHA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN II (BETA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDOSULFAN SULFATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ENDRIN KETONE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-BHC (LINDANE)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDANE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GAMMA-CHLORDENE /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HEPTACHLOR EPOXIDE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
METHOXYCHLOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #105	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #138	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #156	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #170	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #187	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #195	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #196	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #201	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #206	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #208	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00014	U	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0038	U	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0038	U	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0038	U	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0038	U	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0038	U	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.0018	U	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.014	U	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.00035	U	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A6. Analytical Data
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
PCB Congener #74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #81	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB Congener #99	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1016 (AROCLOR 1016)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1221 (AROCLOR 1221)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1232 (AROCLOR 1232)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1242 (AROCLOR 1242)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1248 (AROCLOR 1248)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1254 (AROCLOR 1254)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1260 (AROCLOR 1260)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCB-1268 (AROCLOR 1268)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOXAPHENE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TRANS-NONACHLOR /2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	N/A	N/A	N/A	N/A	47	R	30	R	46	R	16	JR	N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
1,1-BIPHENYL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
1,2,4-TRICHLOROBENZENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,3,4,6-TETRACHLOROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,4,5-TRICHLOROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,4,6-TRICHLOROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,4-DICHLOROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,4-DIMETHYLPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,4-DINITROPHENOL	N/A	N/A	0.11	U	0.11	U	0.12	UJ	0.11	UJ	0.11	UJ	0.12	U
2,4-DINITROTOLUENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2,6-DINITROTOLUENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2-CHLORONAPHTHALENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2-CHLOROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2-METHYL-4,6-DINITROPHENOL	N/A	N/A	0.11	U	0.11	U	0.12	UJ	0.11	UJ	0.11	UJ	0.12	U
2-METHYLNAPHTHALENE	N/A	N/A	0.053	U	0.0066	J	0.008	J	0.001	J	0.055	UJ	0.014	J
2-METHYLPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.012	J
2-NITROANILINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
2-NITROPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
3,3'-DICHLOROBENZIDINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
3-NITROANILINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-BROMOPHENYL PHENYL ETHER	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-CHLORO-3-METHYLPHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-CHLOROANILINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-CHLOROPHENYL PHENYL ETHER	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-NITROANILINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
4-NITROPHENOL	N/A	N/A	0.11	U	0.11	U	0.12	UJ	0.11	UJ	0.11	UJ	0.12	U
ACENAPHTHENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
ACENAPHTHYLENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
ACETOPHENONE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.02	J	0.055	UJ	0.059	U
ANTHRACENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
ATRAZINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZALDEHYDE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZO(A)ANTHRACENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZO(B)FLUORANTHENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZO(GHI)PERYLENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZO(K)FLUORANTHENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZO-A-PYRENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BENZYL BUTYL PHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BIS(2-CHLOROETHOXY)METHANE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BIS(2-CHLOROETHYL) ETHER	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BIS(2-CHLOROISOPROPYL) ETHER	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
BIS(2-ETHYLHEXYL) PHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
CAPROLACTAM	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
CARBAZOLE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
CHRYSENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
DIBENZO(A,H)ANTHRACENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
DIBENZOFURAN	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
DIETHYL PHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
DIMETHYL PHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	10	R	N/A	N/A	N/A	N/A	0.38		---	NA	0.36		0.61	
(3-AND/OR 4-)METHYLPHENOL	0.0056	J	0.006	J	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
1,1-BIPHENYL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
1,2,4-TRICHLOROBENZENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,3,4,6-TETRACHLOROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,4,5-TRICHLOROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,4,6-TRICHLOROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,4-DICHLOROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,4-DIMETHYLPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,4-DINITROPHENOL	0.1	U	0.11	U	---	NA	0.086	U	N/A	N/A	0.077	U	0.085	U
2,4-DINITROTOLUENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2,6-DINITROTOLUENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2-CHLORONAPHTHALENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2-CHLOROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2-METHYL-4,6-DINITROPHENOL	0.1	U	0.11	U	---	NA	0.086	U	N/A	N/A	0.077	U	0.085	U
2-METHYLNAPHTHALENE	0.019	J	0.018	J	---	NA	0.0093	J	N/A	N/A	0.0061	J	0.0056	J
2-METHYLPHENOL	0.052	U	0.007	J	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2-NITROANILINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
2-NITROPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
3,3'-DICHLOROBENZIDINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
3-NITROANILINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-BROMOPHENYL PHENYL ETHER	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-CHLORO-3-METHYLPHENOL	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-CHLOROANILINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-CHLOROPHENYL PHENYL ETHER	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-NITROANILINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
4-NITROPHENOL	0.1	U	0.11	U	---	NA	0.086	U	N/A	N/A	0.077	U	0.085	U
ACENAPHTHENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
ACENAPHTHYLENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
ACETOPHENONE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
ANTHRACENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
ATRAZINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZALDEHYDE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZO(A)ANTHRACENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZO(B)FLUORANTHENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZO(GHI)PERYLENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZO(K)FLUORANTHENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZO-A-PYRENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BENZYL BUTYL PHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BIS(2-CHLOROETHOXY)METHANE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BIS(2-CHLOROETHYL) ETHER	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BIS(2-CHLOROISOPROPYL) ETHER	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
CAPROLACTAM	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
CARBAZOLE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
CHRYSENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
DIBENZO(A,H)ANTHRACENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
DIBENZOFURAN	0.0063	J	0.053	U	---	NA	0.0047	J	N/A	N/A	0.038	U	0.042	U
DIETHYL PHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
DIMETHYL PHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	0.86		0.88		1.7		0.34		0.48		0.34		0.47	J
(3-AND/OR 4-)METHYLPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.0043	J
1,1-BIPHENYL	0.04	U	0.039	U	0.034	U	0.0054	J	0.035	U	0.033	UJ	0.0042	J
1,2,4-TRICHLOROBENZENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,3,4,6-TETRACHLOROPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,4,5-TRICHLOROPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,4,6-TRICHLOROPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,4-DICHLOROPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,4-DIMETHYLPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,4-DINITROPHENOL	0.081	U	0.078	U	0.068	U	0.084	U	0.069	U	0.067	UJ	0.065	U
2,4-DINITROTOLUENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2,6-DINITROTOLUENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2-CHLORONAPHTHALENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2-CHLOROPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2-METHYL-4,6-DINITROPHENOL	0.081	U	0.078	U	0.068	U	0.084	U	0.069	U	0.067	UJ	0.065	U
2-METHYLNAPHTHALENE	0.0076	J	0.011	J	0.013	J	0.029	J	0.035	U	0.011	J	0.015	J
2-METHYLPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2-NITROANILINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
2-NITROPHENOL	0.04	U	0.0068	J	0.012	J	0.042	U	0.035	U	0.033	UJ	0.007	J
3,3'-DICHLOROBENZIDINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
3-NITROANILINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-BROMOPHENYL PHENYL ETHER	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-CHLORO-3-METHYLPHENOL	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-CHLOROANILINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-CHLOROPHENYL PHENYL ETHER	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-NITROANILINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
4-NITROPHENOL	0.081	U	0.078	U	0.068	U	0.084	U	0.069	U	0.067	UJ	0.065	U
ACENAPHTHENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
ACENAPHTHYLENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
ACETOPHENONE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
ANTHRACENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
ATRAZINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZALDEHYDE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZO(A)ANTHRACENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZO(B)FLUORANTHENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZO(GHI)PERYLENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZO(K)FLUORANTHENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZO-A-PYRENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BENZYL BUTYL PHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BIS(2-CHLOROETHOXY)METHANE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BIS(2-CHLOROETHYL) ETHER	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BIS(2-CHLOROISOPROPYL) ETHER	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
CAPROLACTAM	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
CARBAZOLE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
CHRYSENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
DIBENZO(A,H)ANTHRACENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
DIBENZOFURAN	0.04	U	0.039	U	0.0034	J	0.0051	J	0.035	U	0.033	UJ	0.0042	J
DIETHYL PHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
DIMETHYL PHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
SVOCS/EXTRACTABLES														
FORMALDEHYDE	1.7	J	0.7		0.58		0.69	J	0.74	J	0.37		0.58	
(3-AND/OR 4-)METHYLPHENOL	0.0054	J	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
1,1-BIPHENYL	0.0041	J	0.031	U	0.035	J	0.031	U	N/A	N/A	0.035	U	0.03	U
1,2,4-TRICHLOROBENZENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,3,4,6-TETRACHLOROPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,4,5-TRICHLOROPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,4,6-TRICHLOROPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,4-DICHLOROPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,4-DIMETHYLPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,4-DINITROPHENOL	0.072	U	0.063	U	0.069	U	0.063	U	N/A	N/A	0.035	U	0.006	J
2,4-DINITROTOLUENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2,6-DINITROTOLUENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2-CHLORONAPHTHALENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2-CHLOROPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2-METHYL-4,6-DINITROPHENOL	0.072	U	0.063	U	0.069	U	0.063	U	N/A	N/A	0.035	U	0.06	U
2-METHYLNAPHTHALENE	0.014	J	0.0058	J	0.016	J	0.0063	J	N/A	N/A	0.0067	J	0.0051	JN
2-METHYLPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2-NITROANILINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
2-NITROPHENOL	0.016	J	0.0059	J	0.034	U	0.031	U	N/A	N/A	0.0079	J	0.0088	J
3,3'-DICHLOROBENZIDINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
3-NITROANILINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-BROMOPHENYL PHENYL ETHER	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-CHLORO-3-METHYLPHENOL	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-CHLOROANILINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-CHLOROPHENYL PHENYL ETHER	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-NITROANILINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
4-NITROPHENOL	0.072	U	0.063	U	0.069	U	0.031	U	N/A	N/A	0.035	U	0.06	U
ACENAPHTHENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
ACENAPHTHYLENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
ACETOPHENONE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.02	J	0.016	J
ANTHRACENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
ATRAZINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZALDEHYDE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZO(A)ANTHRACENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZO(B)FLUORANTHENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZO(GHI)PERYLENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZO(K)FLUORANTHENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZO-A-PYRENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BENZYL BUTYL PHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BIS(2-CHLOROETHOXY)METHANE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BIS(2-CHLOROETHYL) ETHER	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BIS(2-CHLOROISOPROPYL) ETHER	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
BIS(2-ETHYLHEXYL) PHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
CAPROLACTAM	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
CARBAZOLE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
CHRYSENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
DIBENZO(A,H)ANTHRACENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
DIBENZOFURAN	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
DIETHYL PHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
DIMETHYL PHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
SVOCS/EXTRACTABLES										
FORMALDEHYDE	---	NA	---	NA	0.95		0.7		N/A	N/A
(3-AND/OR 4-)METHYLPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
1,1-BIPHENYL	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
1,2,4-TRICHLOROBENZENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
2,3,4,6-TETRACHLOROPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2,4,5-TRICHLOROPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2,4,6-TRICHLOROPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2,4-DICHLOROPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2,4-DIMETHYLPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2,4-DINITROPHENOL	0.068	U	0.066	UJ	0.066	UJ	0.075	U	N/A	N/A
2,4-DINITROTOLUENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
2,6-DINITROTOLUENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
2-CHLORONAPHTHALENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
2-CHLOROPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2-METHYL-4,6-DINITROPHENOL	0.068	U	0.066	UJ	0.066	UJ	0.075	U	N/A	N/A
2-METHYLNAPHTHALENE	0.013	J	0.033	U	0.005	J	0.0063	J	N/A	N/A
2-METHYLPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
2-NITROANILINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
2-NITROPHENOL	0.011	J	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
3,3'-DICHLOROBENZIDINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
3-NITROANILINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
4-BROMOPHENYL PHENYL ETHER	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
4-CHLORO-3-METHYLPHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
4-CHLOROANILINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
4-CHLOROPHENYL PHENYL ETHER	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
4-NITROANILINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
4-NITROPHENOL	0.068	U	0.066	UJ	0.066	UJ	0.075	U	N/A	N/A
ACENAPHTHENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
ACENAPHTHYLENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
ACETOPHENONE	0.034	U	0.033	U	0.012	J	0.037	U	N/A	N/A
ANTHRACENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
ATRAZINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZALDEHYDE	0.073	J	0.015	J	0.033	U	0.037	U	N/A	N/A
BENZO(A)ANTHRACENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZO(B)FLUORANTHENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZO(GHI)PERYLENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZO(K)FLUORANTHENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZO-A-PYRENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
BENZYL BUTYL PHTHALATE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHOXY)METHANE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BIS(2-CHLOROETHYL) ETHER	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BIS(2-CHLOROISOPROPYL) ETHER	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
BIS(2-ETHYLHEXYL) PHTHALATE	0.034	U	0.19		0.033	U	0.037	U	N/A	N/A
CAPROLACTAM	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
CARBAZOLE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
CHRYSENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
DIBENZO(A,H)ANTHRACENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
DIBENZOFURAN	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
DIETHYL PHTHALATE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
DIMETHYL PHTHALATE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
DI-N-BUTYLPHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
DI-N-OCTYLPHTHALATE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
FLUORANTHENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
FLUORENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
HEXACHLOROBENZENE (HCB)	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
HEXACHLOROBUTADIENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
HEXACHLOROETHANE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
INDENO (1,2,3-CD) PYRENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
ISOPHORONE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
NAPHTHALENE	N/A	N/A	0.053	U	0.01	J	0.016	J	0.025	J	0.011	J	0.036	J
NITROBENZENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
N-NITROSODI-N-PROPYLAMINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
PENTACHLOROPHENOL	N/A	N/A	0.11	U	0.11	U	0.12	UJ	0.11	UJ	0.11	UJ	0.12	U
PHENANTHRENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U
PHENOL	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.0065	J
PYRENE	N/A	N/A	0.053	U	0.055	U	0.06	UJ	0.053	UJ	0.055	UJ	0.059	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
DI-N-OCTYLPHTHALATE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
FLUORANTHENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
FLUORENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
HEXACHLOROBENZENE (HCB)	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
HEXACHLOROBUTADIENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
HEXACHLOROETHANE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
INDENO (1,2,3-CD) PYRENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
ISOPHORONE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
NAPHTHALENE	0.036	J	0.055	U	---	NA	0.025	J	N/A	N/A	0.018	J	0.012	J
NITROBENZENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
N-NITROSODI-N-PROPYLAMINE	0.029	J	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U
PENTACHLOROPHENOL	0.1	U	0.11	U	---	NA	0.086	U	N/A	N/A	0.077	U	0.085	U
PHENANTHRENE	0.0053	J	0.006	J	---	NA	0.0044	J	N/A	N/A	0.038	U	0.042	U
PHENOL	0.0091	J	0.053	U	---	NA	0.0056	J	N/A	N/A	0.01	J	0.042	U
PYRENE	0.052	U	0.053	U	---	NA	0.043	U	N/A	N/A	0.038	U	0.042	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
DI-N-BUTYLPHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
DI-N-OCTYLPHTHALATE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
FLUORANTHENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
FLUORENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
HEXACHLOROBENZENE (HCB)	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
HEXACHLOROBUTADIENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
HEXACHLOROETHANE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
INDENO (1,2,3-CD) PYRENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
ISOPHORONE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
NAPHTHALENE	0.02	J	0.032	J	0.036		0.075		0.013	J	0.028	J	0.06	
NITROBENZENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
N-NITROSODI-N-PROPYLAMINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U
PENTACHLOROPHENOL	0.081	U	0.078	U	0.068	U	0.084	U	0.069	U	0.067	UJ	0.065	U
PHENANTHRENE	0.04	U	0.039	U	0.034	U	0.0065	J	0.035	U	0.033	UJ	0.0035	J
PHENOL	0.04	U	0.0068	J	0.0047	J	0.0064	J	0.035	U	0.033	UJ	0.0094	J
PYRENE	0.04	U	0.039	U	0.034	U	0.042	U	0.035	U	0.033	UJ	0.033	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
DI-N-OCTYLPHTHALATE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
FLUORANTHENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
FLUORENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
HEXACHLOROBENZENE (HCB)	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
HEXACHLOROBUTADIENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
HEXACHLOROETHANE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
INDENO (1,2,3-CD) PYRENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
ISOPHORONE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
NAPHTHALENE	0.056		0.026		0.059		0.027	J	N/A	N/A	0.019	J	0.019	J
NITROBENZENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
N-NITROSODI-N-PROPYLAMINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
PENTACHLOROPHENOL	0.072	U	0.063	U	0.069	U	0.031	U	N/A	N/A	0.035	U	0.014	J
PHENANTHRENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
PHENOL	0.015	J	0.0038	J	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U
PYRENE	0.036	U	0.031	U	0.034	U	0.031	U	N/A	N/A	0.035	U	0.03	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
DI-N-BUTYLPHTHALATE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
DI-N-OCTYLPHTHALATE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
FLUORANTHENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
FLUORENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
HEXACHLOROBENZENE (HCB)	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
HEXACHLOROBUTADIENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
HEXACHLOROCYCLOPENTADIENE (HCCP)	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
HEXACHLOROETHANE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
INDENO (1,2,3-CD) PYRENE	0.034	UJ	0.033	U	0.033	U	0.037	U	N/A	N/A
ISOPHORONE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
NAPHTHALENE	0.035		0.0081	J	0.017	J	0.018	J	N/A	N/A
NITROBENZENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
N-NITROSODI-N-PROPYLAMINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
N-NITROSODIPHENYLAMINE/DIPHENYLAMINE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
PENTACHLOROPHENOL	0.068	U	0.066	UJ	0.066	UJ	0.075	U	N/A	N/A
PHENANTHRENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A
PHENOL	0.034	U	0.033	UJ	0.033	UJ	0.037	U	N/A	N/A
PYRENE	0.034	U	0.033	U	0.033	U	0.037	U	N/A	N/A

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	2	UJ	3.8	UJ	3.9	UJ	2.5	U	2.4	U	2.5	U	3.9	U
1,1,1,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
1,1,1-TRICHLOROETHANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,1,2,2-TETRACHLOROETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.75	J	0.59	J	0.55	J	---	NA	---	NA	---	NA	0.66	J
1,1,2-TRICHLOROETHANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
1,1-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
1,1-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,2,3-TRICHLOROBENZENE	2.2	UJ	2.2	UJ	2.4	UJ	2.5	U	2.4	U	2.5	U	2.4	U
1,2,3-TRICHLOROPROPANE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
1,2,4-TRIMETHYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	UJ	2.9	UJ	3	UJ	2.5	U	2.4	U	2.5	U	3	U
1,2-DIBROMOETHANE (EDB)	2.2	UJ	2.2	UJ	2.4	UJ	2.5	U	2.4	U	2.5	U	2.4	U
1,2-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
1,2-DICHLOROETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
1,2-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	UJ	2	UJ	2.1	UJ	---	NA	---	NA	---	NA	2.1	U
1,3,5-TRIMETHYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,3-BUTADIENE	0.58	UJ	0.58	UJ	0.6	UJ	2.5	U	2.4	U	2.5	U	0.6	U
1,3-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
1,3-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
1,4-DICHLOROBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
2,2-DICHLOROPROPANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
ACETONE	28	UJ	12	J	12	J	---	NA	---	NA	---	NA	10	
ACRYLONITRILE	0.58	UJ	2	UJ	2.8	UJ	---	NA	---	NA	---	NA	0.6	U
BENZENE	0.61	J	0.86	UJ	0.34	J	2.5	U	2.4	U	2.5	U	2.2	U
BROMOBENZENE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
BROMOCHLOROMETHANE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
BROMODICHLOROMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
BROMOFORM	9.1	UJ	9.2	UJ	9.6	UJ	2.5	U	2.4	U	2.5	U	9.6	U
BROMOMETHANE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
BUTYL ACRYLATE	14	UJ	15	UJ	15	UJ	---	NA	---	NA	---	NA	15	U
CARBON DISULFIDE	0.86	UJ	4.4	UJ	4.5	UJ	2.5	U	2.4	U	2.5	U	4.5	U
CARBON TETRACHLORIDE	0.59	J	0.52	J	0.45	J	2.5	U	2.4	U	2.5	U	0.6	J
CHLOROBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
CHLORODIFLUOROMETHANE	0.69	J	0.52	J	0.41	J	---	NA	---	NA	---	NA	1	J
CHLOROETHANE	0.86	UJ	0.86	UJ	0.9	UJ	2.5	U	2.4	U	2.5	U	0.9	U
CHLOROFORM	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
CHLOROMETHANE	1.2	J	1.2	J	1	J	2.5	U	2.4	U	2.5	U	1.2	
CIS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
CIS-1,3-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
CYCLOHEXANE	1.2	UJ	5.8	UJ	6	UJ	---	NA	---	NA	---	NA	6	U
DIBROMOCHLOROMETHANE	2.6	UJ	2.6	UJ	2.8	UJ	2.5	U	2.4	U	2.5	U	2.8	U
DIBROMOMETHANE	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
DICHLORODIFLUOROMETHANE	2.9	J	2.5	J	2	J	21	J	19	J	14	J	3.2	
ETHYL ACRYLATE	1.2	UJ	5.8	UJ	6	UJ	---	NA	---	NA	2.5	U	6	U
ETHYL BENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
HEXACHLORO-1,3-BUTADIENE	3.1	UJ	3.1	UJ	3.4	UJ	2.5	U	2.4	U	2.5	U	3.2	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	4	U	---	NA	---	NA	4.2	U	3.3	U	---	NA	3.6	U
1,1,1,2-TETRACHLOROETHANE	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
1,1,1-TRICHLOROETHANE	1.5	U	---	NA	---	NA	1.6	U	0.32	J	---	NA	1.4	U
1,1,2,2-TETRACHLOROETHANE	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.6	J	---	NA	---	NA	0.72	J	0.76	J	---	NA	0.57	J
1,1,2-TRICHLOROETHANE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
1,1-DICHLOROETHANE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
1,1-DICHLOROPROPENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
1,2,3-TRICHLOROBENZENE	2.5	U	---	NA	---	NA	2.6	U	2	U	---	NA	2.2	U
1,2,3-TRICHLOROPROPANE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
1,2,4-TRIMETHYLBENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	3.1	U	---	NA	---	NA	3.2	U	2.5	U	---	NA	2.8	U
1,2-DIBROMOETHANE (EDB)	2.5	U	---	NA	---	NA	2.6	U	2	U	---	NA	2.2	U
1,2-DICHLOROBENZENE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
1,2-DICHLOROETHANE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
1,2-DICHLOROPROPANE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
1,3,5-TRIMETHYLBENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
1,3-BUTADIENE	0.62	U	---	NA	---	NA	0.66	U	0.51	U	---	NA	0.56	U
1,3-DICHLOROBENZENE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
1,3-DICHLOROPROPANE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
1,4-DICHLOROBENZENE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
2,2-DICHLOROPROPANE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
ACETONE	12		---	NA	---	NA	11	J	24		---	NA	10	
ACRYLONITRILE	1.8	U	---	NA	---	NA	4.9	U	6.5	U	---	NA	4.6	U
BENZENE	0.38	J	---	NA	---	NA	0.46	J	0.66	J	---	NA	0.31	J
BROMOBENZENE	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
BROMOCHLOROMETHANE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
BROMODICHLOROMETHANE	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
BROMOFORM	10	U	---	NA	---	NA	10	U	8.1	U	---	NA	8.9	U
BROMOMETHANE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
BUTYL ACRYLATE	15	U	---	NA	---	NA	16	U	13	U	---	NA	14	U
CARBON DISULFIDE	2.8	U	---	NA	---	NA	15	U	3.5	U	---	NA	12	U
CARBON TETRACHLORIDE	0.5	J	---	NA	---	NA	0.64	J	0.78	J	---	NA	0.52	J
CHLOROBENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
CHLORODIFLUOROMETHANE	0.51	J	---	NA	---	NA	0.8	J	1.8		---	NA	0.53	J
CHLOROETHANE	0.94	U	---	NA	---	NA	0.99	U	0.76	U	---	NA	0.83	U
CHLOROFORM	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
CHLOROMETHANE	1		---	NA	---	NA	1		1.3		---	NA	1	
CIS-1,2-DICHLOROETHENE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
CIS-1,3-DICHLOROPROPENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
CYCLOHEXANE	6.2	U	---	NA	---	NA	6.6	U	5.1	U	---	NA	5.6	U
DIBROMOCHLOROMETHANE	2.8	U	---	NA	---	NA	3	U	2.3	U	---	NA	2.5	U
DIBROMOMETHANE	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
DICHLORODIFLUOROMETHANE	2.2		---	NA	---	NA	3.1		3.9	J	---	NA	2.6	
ETHYL ACRYLATE	6.2	U	---	NA	---	NA	6.6	U	5.1	U	---	NA	5.6	U
ETHYL BENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
HEXACHLORO-1,3-BUTADIENE	3.5	U	---	NA	---	NA	3.6	U	2.8	U	---	NA	3.1	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	0.38	J	3.8	U	0.61	J	1.3	J	2.8	UJ	2.8	UJ	0.38	J
1,1,1,2-TETRACHLOROETHANE	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
1,1,1-TRICHLOROETHANE	1.4	U	1.5	U	1.5	UJ	0.25	J	0.32	J	0.38	J	0.25	J
1,1,2,2-TETRACHLOROETHANE	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.53	J	0.51	J	0.73	J	0.63	J	0.96	J	0.93	J	0.57	J
1,1,2-TRICHLOROETHANE	1.7	U	1.8	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,1-DICHLOROETHANE	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
1,1-DICHLOROPROPENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,2,3-TRICHLOROBENZENE	2.3	U	2.4	U	2.4	UJ	1.8	UJ	1.7	UJ	1.7	UJ	1.7	U
1,2,3-TRICHLOROPROPANE	1.7	U	1.8	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,2,4-TRIMETHYLBENZENE	1.4	U	1.5	U	1.5	UJ	0.37	J	1.1	UJ	1.1	UJ	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.9	U	3	U	3	UJ	12	UJ	11	UJ	11	UJ	2.1	U
1,2-DIBROMOETHANE (EDB)	2.3	U	2.4	U	2.4	UJ	1.8	UJ	1.7	UJ	1.7	UJ	1.7	U
1,2-DICHLOROBENZENE	1.7	U	1.8	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,2-DICHLOROETHANE	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
1,2-DICHLOROPROPANE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
1,3,5-TRIMETHYLBENZENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,3-BUTADIENE	0.57	U	0.59	U	0.59	UJ	0.43	J	0.43	UJ	0.43	UJ	0.42	U
1,3-DICHLOROBENZENE	1.7	U	1.8	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
1,3-DICHLOROPROPANE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
1,4-DICHLOROBENZENE	1.7	U	1.8	U	1.8	UJ	1.4	UJ	1.3	UJ	1.3	UJ	1.3	U
2,2-DICHLOROPROPANE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
ACETONE	24		16	J	15	J	16	J	23	UJ	16	UJ	14	
ACRYLONITRILE	2.8	U	1.5	U	0.59	UJ	1.4	UJ	0.43	UJ	0.43	UJ	2.7	U
BENZENE	0.57	J	0.46	J	0.83	J	0.99	J	0.36	J	0.67	J	0.76	
BROMOBENZENE	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
BROMOCHLOROMETHANE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
BROMODICHLOROMETHANE	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
BROMOFORM	9.2	U	9.4	U	9.4	UJ	7.4	UJ	6.8	UJ	6.8	UJ	6.8	U
BROMOMETHANE	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
BUTYL ACRYLATE	14	U	15	U	15	UJ	5.8	UJ	5.4	UJ	5.4	UJ	1.1	U
CARBON DISULFIDE	11	U	4.4	U	8	UJ	4.3	UJ	2.4	UJ	2.7	UJ	3.9	U
CARBON TETRACHLORIDE	0.45	J	0.51	J	0.7	J	0.61	J	0.93	J	1	J	0.58	J
CHLOROBENZENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
CHLORODIFLUOROMETHANE	0.74	J	0.86	J	1.1	J	3	J	1	J	4	J	0.65	
CHLOROETHANE	0.86	U	0.88	U	0.88	UJ	0.69	UJ	0.64	UJ	0.64	UJ	0.63	U
CHLOROFORM	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
CHLOROMETHANE	0.9		0.9		1.1	J	1.3	J	2.3	J	1.7	J	1.3	
CIS-1,2-DICHLOROETHENE	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
CIS-1,3-DICHLOROPROPENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
CYCLOHEXANE	5.7	U	5.9	U	5.9	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.84	U
DIBROMOCHLOROMETHANE	2.6	U	2.7	U	2.7	UJ	2.1	UJ	1.9	UJ	1.9	UJ	1.9	U
DIBROMOMETHANE	2	U	2.1	U	2.1	UJ	1.6	UJ	1.5	UJ	1.5	UJ	1.5	U
DICHLORODIFLUOROMETHANE	2.5		2.4		3.1	J	2.7	J	4.2	J	4.2	J	2.6	
ETHYL ACRYLATE	5.7	U	5.9	U	5.9	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.84	U
ETHYL BENZENE	1.4	U	1.5	U	1.5	UJ	0.39	J	1.1	UJ	1.1	UJ	1.1	U
HEXACHLORO-1,3-BUTADIENE	3.1	U	3.2	U	3.2	UJ	2.5	UJ	2.4	UJ	2.4	UJ	2.3	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
(M- AND/OR P-)XYLENE	0.94	J	0.35	J	0.63	J	0.42	J	0.64	J	0.35	J	2.8	U
1,1,1,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
1,1,1-TRICHLOROETHANE	0.24	J	1.1	U	0.27	J	0.29	J	0.4	J	1.1	U	0.23	J
1,1,2,2-TETRACHLOROETHANE	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.49	J	0.46	J	0.65	J	0.55	J	0.64	J	0.63	J	0.55	J
1,1,2-TRICHLOROETHANE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
1,1-DICHLOROETHANE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.7	U
1,2,3-TRICHLOROPROPANE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
1,2,4-TRIMETHYLBENZENE	0.25	J	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.3	U	2.2	U	2.2	U	2.2	UJ	2.2	U	2.3	U	2.2	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.8	U	1.8	UJ	1.8	U	1.8	U	1.7	U
1,2-DICHLOROBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
1,2-DICHLOROETHANE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,3-BUTADIENE	0.45	U	0.44	U	0.22	J	0.44	UJ	0.44	U	0.46	U	0.43	U
1,3-DICHLOROBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
1,4-DICHLOROBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
ACETONE	20		14	U	25	U	9	J	10	J	19	U	18	U
ACRYLONITRILE	3.6	U	1.7	U	2.1	U	2.7	UJ	5.5	U	2.1	U	3.8	U
BENZENE	1.4		0.72		1.1		0.83	J	1.3		0.55	J	0.63	J
BROMOBENZENE	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
BROMODICHLOROMETHANE	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
BROMOFORM	7.2	U	7.1	U	7.1	U	7.1	UJ	7.1	U	7.3	U	6.9	U
BROMOMETHANE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
BUTYL ACRYLATE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CARBON DISULFIDE	11	U	12	U	2.4	U	4.7	UJ	5.5	U	6	U	7	U
CARBON TETRACHLORIDE	0.49	J	0.47	J	0.67	J	0.59	J	0.73	J	0.54	J	0.48	J
CHLOROBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLORODIFLUOROMETHANE	1.7		0.43	J	1.9		0.63	J	0.81	J	0.53	J	0.56	J
CHLOROETHANE	0.68	U	0.67	U	0.66	U	0.66	UJ	0.66	U	0.69	U	0.65	U
CHLOROFORM	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CHLOROMETHANE	1.1		0.82		1.2		1.1	J	1.3		1.1	J	1.1	
CIS-1,2-DICHLOROETHENE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
CYCLOHEXANE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
DIBROMOCHLOROMETHANE	2	U	2	U	2	U	2	UJ	2	U	2.1	U	2	U
DIBROMOMETHANE	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
DICHLORODIFLUOROMETHANE	2.1		1.8		2.8		2.4	J	2.5		2.3		2.1	J
ETHYL ACRYLATE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
ETHYL BENZENE	0.37	J	1.1	U	0.22	J	1.1	U	0.26	J	1.1	U	1.1	U
HEXACHLORO-1,3-BUTADIENE	2.5	U	2.4	U	2.4	U	2.4	UJ	2.4	U	2.5	U	2.4	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
(M- AND/OR P-)XYLENE	0.7	J	2.9	U	3	UJ	N/A	N/A	1.1	J
1,1,1,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,1-TRICHLOROETHANE	0.22	J	0.27	J	0.34	J	N/A	N/A	0.28	J
1,1,2,2-TETRACHLOROETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	0.57	J	0.65	J	0.8	J	N/A	N/A	0.69	J
1,1,2-TRICHLOROETHANE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
1,1-DICHLOROETHANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
1,1-DICHLOROETHENE (1,1-DICHLOROETHYLENE)	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
1,1-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2,3-TRICHLOROBENZENE	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2,3-TRICHLOROPROPANE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
1,2,4-TRIMETHYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	0.41	J
1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	2.2	U	2.2	U	2.3	UJ	N/A	N/A	2.2	U
1,2-DIBROMOETHANE (EDB)	1.8	U	1.8	U	1.9	UJ	N/A	N/A	1.8	U
1,2-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
1,2-DICHLOROETHANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
1,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,2-DICHLOROTETRAFLUOROETHANE (FREON 114)	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
1,3,5-TRIMETHYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,3-BUTADIENE	0.44	U	0.45	U	0.47	UJ	N/A	N/A	0.45	U
1,3-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
1,3-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
1,4-DICHLOROBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
2,2-DICHLOROPROPANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
ACETONE	23	U	32	U	47	UJ	N/A	N/A	21	J
ACRYLONITRILE	5	U	4.3	U	9	UJ	N/A	N/A	4	U
BENZENE	0.72		0.53	J	0.39	J	N/A	N/A	0.69	
BROMOBENZENE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOCHLOROMETHANE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
BROMODICHLOROMETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
BROMOFORM	7	U	7.2	U	7.5	UJ	N/A	N/A	7.2	U
BROMOMETHANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
BUTYL ACRYLATE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CARBON DISULFIDE	9	U	16	U	5.5	UJ	N/A	N/A	1.8	U
CARBON TETRACHLORIDE	0.52	J	0.62	J	0.83	J	N/A	N/A	0.67	J
CHLOROBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLORODIFLUOROMETHANE	0.93		0.61	J	1.1	J	N/A	N/A	0.98	
CHLOROETHANE	0.66	U	0.67	U	0.7	UJ	N/A	N/A	0.67	U
CHLOROFORM	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CHLOROMETHANE	1.3		1.2		2.5	J	N/A	N/A	1.2	
CIS-1,2-DICHLOROETHENE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
CIS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
CYCLOHEXANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
DIBROMOCHLOROMETHANE	2	U	2	U	2.1	UJ	N/A	N/A	2	U
DIBROMOMETHANE	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
DICHLORODIFLUOROMETHANE	8.7		2.7		---	NA	N/A	N/A	2.7	
ETHYL ACRYLATE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
ETHYL BENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	0.32	J
HEXACHLORO-1,3-BUTADIENE	2.4	U	2.5	U	2.6	UJ	N/A	N/A	2.5	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
HEXANE	0.81	J	1.2	UJ	0.55	J	---	NA	---	NA	---	NA	0.89	J
ISOPROPYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
METHYL ACETATE	0.86	UJ	0.71	J	0.89	J	---	NA	---	NA	---	NA	0.9	U
METHYL BUTYL KETONE	1.2	UJ	5.8	UJ	6	UJ	---	NA	---	NA	---	NA	6	U
METHYL ETHYL KETONE	4	UJ	1.6	J	9.4	UJ	---	NA	---	NA	---	NA	6.2	U
METHYL ISOBUTYL KETONE	5.8	UJ	5.8	UJ	6	UJ	---	NA	---	NA	---	NA	6	U
METHYL METHACRYLATE	1.2	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYL T-BUTYL ETHER (MTBE)	1.2	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYLCYCLOHEXANE	1.2	UJ	1.2	UJ	1.2	UJ	---	NA	---	NA	---	NA	1.2	U
METHYLENE CHLORIDE	0.35	J	0.86	UJ	0.9	UJ	2.5	U	2.4	U	2.5	U	0.9	U
N-BUTYLBENZENE	1.8	UJ	8.6	UJ	9	UJ	2.5	U	2.4	U	2.5	U	9	U
N-PROPYLBENZENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
O-CHLOROTOLUENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
O-XYLENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
P-CHLOROTOLUENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
P-ISOPROPYLTOLUENE	1.8	UJ	8.6	UJ	9	UJ	2.5	U	2.4	U	2.5	U	9	U
SEC-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	3.1		2.4	U	3.3		1.8	U
STYRENE	1.2	UJ	5.8	UJ	6	UJ	110	U	70	U	110	U	6	U
TERT-BUTYLBENZENE	1.8	UJ	1.8	UJ	1.8	UJ	2.5	U	2.4	U	2.5	U	1.8	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	UJ	2	UJ	2.1	UJ	2.5	U	2.4	U	2.5	U	2.1	U
TOLUENE	0.88	J	1.2	UJ	2	UJ	2.5	U	2.4	U	2.5	U	0.82	J
TRANS-1,2-DICHLOROETHENE	1.2	UJ	1.2	UJ	1.2	UJ	2.5	U	2.4	U	2.5	U	1.2	U
TRANS-1,3-DICHLOROPROPENE	1.4	UJ	1.5	UJ	1.5	UJ	2.5	U	2.4	U	2.5	U	1.5	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	4.5	UJ	7.2	UJ	7.5	UJ	2.5	U	2.4	U	2.5	U	7.5	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.6	J	1.5	J	1.2	J	2.5	U	2.4	U	2.5	U	1.9	
VINYL CHLORIDE	0.86	UJ	0.86	UJ	0.9	UJ	2.5	U	2.4	U	2.5	U	0.9	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
HEXANE	0.68	J	---	NA	---	NA	0.48	J	1.1		---	NA	2.3	
ISOPROPYLBENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
METHYL ACETATE	0.94	U	---	NA	---	NA	0.99	U	0.55	J	---	NA	0.37	J
METHYL BUTYL KETONE	6.2	U	---	NA	---	NA	6.6	U	5.1	U	---	NA	5.6	U
METHYL ETHYL KETONE	1.6		---	NA	---	NA	5.4	U	2.6	J	---	NA	1.2	
METHYL ISOBUTYL KETONE	6.2	U	---	NA	---	NA	6.6	U	5.1	U	---	NA	5.6	U
METHYL METHACRYLATE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
METHYL T-BUTYL ETHER (MTBE)	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
METHYLCYCLOHEXANE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
METHYLENE CHLORIDE	0.94	U	---	NA	---	NA	0.99	U	0.76	U	---	NA	0.83	U
N-BUTYLBENZENE	9.4	U	---	NA	---	NA	9.9	U	7.6	U	---	NA	8.3	U
N-PROPYLBENZENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
O-CHLOROTOLUENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
O-XYLENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
P-CHLOROTOLUENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
P-ISOPROPYLTOLUENE	9.4	U	---	NA	---	NA	9.9	U	7.6	U	---	NA	8.3	U
SEC-BUTYLBENZENE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
STYRENE	6.2	U	---	NA	---	NA	6.6	U	5.1	U	---	NA	5.6	U
TERT-BUTYLBENZENE	1.9	U	---	NA	---	NA	2	U	1.5	U	---	NA	1.7	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2.2	U	---	NA	---	NA	2.2	U	1.8	U	---	NA	1.9	U
TOLUENE	0.46	J	---	NA	---	NA	3.5		1.6		---	NA	0.61	J
TRANS-1,2-DICHLOROETHENE	1.2	U	---	NA	---	NA	1.4	U	1	U	---	NA	1.1	U
TRANS-1,3-DICHLOROPROPENE	1.5	U	---	NA	---	NA	1.6	U	1.3	U	---	NA	1.4	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.8	U	---	NA	---	NA	8.2	U	6.3	U	---	NA	6.9	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	---	NA	---	NA	1.9	J	2.2	J	---	NA	1.3	J
VINYL CHLORIDE	0.94	U	---	NA	---	NA	0.99	U	0.76	U	---	NA	0.83	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
HEXANE	13		0.54	J	0.68	J	1.9	J	0.86	UJ	0.86	UJ	0.68	J
ISOPROPYLBENZENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
METHYL ACETATE	5.6		0.88	U	0.88	UJ	0.69	UJ	0.64	UJ	0.64	UJ	0.37	J
METHYL BUTYL KETONE	5.7	U	5.9	U	5.9	UJ	4.6	UJ	4.3	UJ	4.3	UJ	4.2	U
METHYL ETHYL KETONE	1.8		1.2		1.6	J	2.1	J	4.7	UJ	2.1	UJ	1.7	J
METHYL ISOBUTYL KETONE	5.7	U	5.9	U	5.9	UJ	4.6	UJ	4.3	UJ	4.3	UJ	4.2	U
METHYL METHACRYLATE	1.1	U	1.2	U	1.2	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.84	U
METHYL T-BUTYL ETHER (MTBE)	0.4	J	1.2	U	1.2	UJ	0.59	J	0.86	UJ	0.86	UJ	0.84	U
METHYLCYCLOHEXANE	1.1	U	1.2	U	1.2	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.84	U
METHYLENE CHLORIDE	0.86	U	0.88	U	0.88	UJ	0.35	J	0.64	UJ	0.64	UJ	0.63	U
N-BUTYLBENZENE	8.6	U	8.8	U	8.8	UJ	6.9	UJ	6.4	UJ	6.4	UJ	1.3	U
N-PROPYLBENZENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
O-CHLOROTOLUENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
O-XYLENE	1.4	U	1.5	U	1.5	UJ	5.8	UJ	5.4	UJ	5.4	UJ	1.1	U
P-CHLOROTOLUENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
P-ISOPROPYLTOLUENE	8.6	U	8.8	U	8.8	UJ	6.9	UJ	6.4	UJ	6.4	UJ	1.3	U
SEC-BUTYLBENZENE	1.7	U	1.8	U	1.8	UJ	6.9	UJ	6.4	UJ	6.4	UJ	1.3	U
STYRENE	5.7	U	5.9	U	5.9	UJ	4.6	UJ	4.3	UJ	4.3	UJ	0.84	U
TERT-BUTYLBENZENE	1.7	U	1.8	U	1.8	UJ	6.9	UJ	6.4	UJ	6.4	UJ	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	2	U	2.1	U	2.1	UJ	0.25	J	1.5	UJ	1.5	UJ	1.5	U
TOLUENE	1.1	J	0.96	J	1.3	J	3.6	J	0.32	J	1.5	J	0.82	J
TRANS-1,2-DICHLOROETHENE	1.1	U	1.2	U	1.2	UJ	0.92	UJ	0.86	UJ	0.86	UJ	0.84	U
TRANS-1,3-DICHLOROPROPENE	1.4	U	1.5	U	1.5	UJ	1.2	UJ	1.1	UJ	1.1	UJ	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	7.2	U	7.4	U	7.4	UJ	0.36	J	1.1	UJ	1.1	UJ	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.2	J	1.3	J	1.8	J	1.5	J	3.1	J	2.5	J	1.5	
VINYL CHLORIDE	0.86	U	0.88	U	0.88	UJ	0.69	UJ	0.64	UJ	0.64	UJ	0.63	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
HEXANE	0.73	J	0.52	J	0.84	J	1.1	J	0.66	J	0.57	J	0.52	J
ISOPROPYLBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
METHYL ACETATE	0.33	J	0.67	U	0.66	U	0.66	UJ	0.66	U	0.69	U	0.65	U
METHYL BUTYL KETONE	4.5	U	4.4	U	4.4	U	4.4	UJ	4.4	U	4.6	U	4.3	U
METHYL ETHYL KETONE	2.8	J	0.55	J	4.8	U	2	J	1.3	J	3	U	3.7	U
METHYL ISOBUTYL KETONE	4.5	U	4.4	U	4.4	U	4.4	UJ	4.4	U	4.6	U	4.3	U
METHYL METHACRYLATE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
METHYL T-BUTYL ETHER (MTBE)	0.41	J	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
METHYLCYCLOHEXANE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
METHYLENE CHLORIDE	0.68	U	0.67	U	0.28	J	0.22	J	0.29	J	0.69	U	0.65	U
N-BUTYLBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
N-PROPYLBENZENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
O-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
O-XYLENE	0.34	J	1.1	U	0.25	J	1.1	UJ	0.24	J	1.1	U	1.1	U
P-CHLOROTOLUENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
P-ISOPROPYLTOLUENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
SEC-BUTYLBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
STYRENE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
TERT-BUTYLBENZENE	1.4	U	1.3	U	1.3	U	1.3	UJ	1.3	U	1.4	U	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.6	U	1.6	U	1.5	U	1.5	UJ	1.5	U	1.6	U	1.5	U
TOLUENE	2.5		0.73	J	2.5		3.2	J	1.5		0.55	J	0.48	J
TRANS-1,2-DICHLOROETHENE	0.9	U	0.89	U	0.88	U	0.88	UJ	0.88	U	0.92	U	0.87	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	2.2		1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.3	J	1	J	1.6		1.5	J	1.6		1.4		1.2	J
VINYL CHLORIDE	0.68	U	0.67	U	0.66	U	0.66	UJ	0.66	U	0.69	U	0.65	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
HEXANE	0.81	J	0.23	J	0.39	J	N/A	N/A	0.65	J
ISOPROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
METHYL ACETATE	0.66	U	0.67	U	0.31	J	N/A	N/A	0.67	U
METHYL BUTYL KETONE	4.4	U	4.5	U	4.7	UJ	N/A	N/A	4.5	U
METHYL ETHYL KETONE	3.8	U	4.5	U	4.1	UJ	N/A	N/A	0.99	J
METHYL ISOBUTYL KETONE	4.4	U	4.5	U	4.7	UJ	N/A	N/A	4.5	U
METHYL METHACRYLATE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
METHYL T-BUTYL ETHER (MTBE)	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.6	J
METHYLCYCLOHEXANE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
METHYLENE CHLORIDE	0.66	U	0.67	U	0.24	J	N/A	N/A	0.26	J
N-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
N-PROPYLBENZENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
O-XYLENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	0.35	J
P-CHLOROTOLUENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
P-ISOPROPYLTOLUENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
SEC-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
STYRENE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
TERT-BUTYLBENZENE	1.3	U	1.3	U	1.4	UJ	N/A	N/A	1.3	U
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	1.5	U	1.6	U	1.6	UJ	N/A	N/A	1.6	U
TOLUENE	0.85	J	0.32	J	0.35	J	N/A	N/A	1.2	
TRANS-1,2-DICHLOROETHENE	0.88	U	0.9	U	0.94	UJ	N/A	N/A	0.9	U
TRANS-1,3-DICHLOROPROPENE	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROETHENE (TRICHLOROETHYLENE)	1.1	U	1.1	U	1.2	UJ	N/A	N/A	1.1	U
TRICHLOROFLUOROMETHANE (FREON 11)	1.3	J	1.6		2.3	J	N/A	N/A	1.7	
VINYL CHLORIDE	0.66	U	0.67	U	0.7	UJ	N/A	N/A	0.67	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
METALS														
ALUMINUM	N/A	N/A	0.6	U	0.16		N/A	N/A	0.1	A	0.07		0.3	U
ANTIMONY	N/A	N/A	0.0014		0.00022		N/A	N/A	0.012	U	0.012	U	0.006	U
ARSENIC	N/A	N/A	0.0051		0.00029		N/A	N/A	0.00076	A	0.00056		0.001	
BARIUM	N/A	N/A	0.0043		0.0031		N/A	N/A	0.0035	A	0.0015	U	0.0023	
BERYLLIUM	N/A	N/A	0.000015	U	0.000015	U	N/A	N/A	0.000015	U	0.000015	U	0.000015	U
BORON	N/A	N/A	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	N/A	N/A	0.00045	U	0.0003	U	N/A	N/A	0.00034	U	0.00045	U	0.00083	
CALCIUM	N/A	N/A	1.1		0.65		N/A	N/A	0.66	A	0.29		0.66	
CHROMIUM	N/A	N/A	0.003		0.0023		N/A	N/A	0.0025	A	0.002		0.0044	
COBALT	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.0015	U	0.0015	U	0.0015	U
COPPER	N/A	N/A	0.32		0.12		N/A	N/A	0.16	A	0.21		0.22	
IRON	N/A	N/A	0.33		0.12		N/A	N/A	0.18	A	0.15	U	0.15	U
LEAD	N/A	N/A	0.0087		0.003	U	N/A	N/A	0.012	U	0.012	U	0.006	U
MAGNESIUM	N/A	N/A	0.22		0.6	U	N/A	N/A	0.15	U	0.15	U	0.15	U
MANGANESE	N/A	N/A	0.012		0.0068		N/A	N/A	0.0047	A	0.0033		0.0054	
MOLYBDENUM	N/A	N/A	0.0015	U	0.0015	U	N/A	N/A	0.0015	U	0.0015	U	0.0015	U
NICKEL	N/A	N/A	0.0028	J	0.0028	J	N/A	N/A	0.0025	A	0.0022		0.00035	
POTASSIUM	N/A	N/A	0.6	U	0.26		N/A	N/A	0.59	U	0.6	U	0.6	U
SELENIUM	N/A	N/A	0.0014		0.0004		N/A	N/A	0.012	U	0.012	U	0.006	U
SILVER	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.0015	U	0.0015	UJ	0.0015	UJ
SODIUM	N/A	N/A	0.78		0.96		N/A	N/A	0.74	A	0.68		0.59	
STRONTIUM	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.0015	U	0.0015	U	0.0015	U
TELLURIUM	N/A	N/A	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
THALLIUM	N/A	N/A	0.00002		0.000019		N/A	N/A	0.000015	U	0.000015	U	0.000015	U
TIN	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.0059	U	0.006	U	0.006	U
TITANIUM	N/A	N/A	0.0062		0.003	U	N/A	N/A	0.0029	U	0.003	U	0.003	U
TOTAL MERCURY	N/A	N/A	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.0029	U	0.003	U	0.0015	U
YTTRIUM	N/A	N/A	0.003	U	0.003	U	N/A	N/A	0.00088	U	0.0009	U	0.0009	U
ZINC	N/A	N/A	0.12	U	0.024		N/A	N/A	0.059	A	0.035		0.062	
ZIRCONIUM	N/A	N/A	---	NA	---	NA	N/A	N/A	---	NA	---	NA	---	NA

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.68	U	0.65	U	0.64	U	0.66	U	0.61	U	0.64	U	0.63	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
METALS														
ALUMINUM	0.31	U	0.12		N/A	N/A	N/A	N/A	0.58	U	0.14		0.061	U
ANTIMONY	0.0061	U	0.0057	U	N/A	N/A	N/A	N/A	0.00029	U	0.0003	U	0.0003	U
ARSENIC	0.002		0.00086		N/A	N/A	N/A	N/A	0.0015		0.0011		0.0003	U
BARIUM	0.0037		0.002		N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
BERYLLIUM	0.000015	U	0.000028	U	N/A	N/A	N/A	N/A	0.000029	U	0.00015	U	0.00015	U
BORON	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA
CADMIUM	0.00018		0.00057	U	N/A	N/A	N/A	N/A	0.00064	U	0.0003		0.00003	U
CALCIUM	1		0.41		N/A	N/A	N/A	N/A	0.38		0.62		0.19	
CHROMIUM	0.0025		0.002		N/A	N/A	N/A	N/A	0.0028		0.0027		0.0024	
COBALT	0.0015	U	0.0014	U	N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
COPPER	0.38		0.13		N/A	N/A	N/A	N/A	0.45		0.33		0.003	U
IRON	0.18		0.14	U	N/A	N/A	N/A	N/A	0.13		0.15		0.12	U
LEAD	0.0061	U	0.0068	U	N/A	N/A	N/A	N/A	0.0063		0.0033		0.00061	U
MAGNESIUM	0.15	U	0.14	U	N/A	N/A	N/A	N/A	0.067		0.12		0.061	U
MANGANESE	0.007		0.0027		N/A	N/A	N/A	N/A	0.003		0.0033		0.00061	U
MOLYBDENUM	0.0015	U	0.0014	U	N/A	N/A	N/A	N/A	0.0014	U	0.0015	U	0.0015	U
NICKEL	0.00028		0.0023		N/A	N/A	N/A	N/A	0.0064		0.0037		0.0022	
POTASSIUM	0.61	U	0.073		N/A	N/A	N/A	N/A	0.58	U	0.6	U	0.61	U
SELENIUM	0.0061	U	0.0028	U	N/A	N/A	N/A	N/A	0.0058	U	0.006	U	0.0061	U
SILVER	0.0015	UJ	0.0014	UJ	N/A	N/A	N/A	N/A	0.028	UJ	0.003	UJ	0.003	UJ
SODIUM	0.64		0.71		N/A	N/A	N/A	N/A	1.4	U	1		0.7	
STRONTIUM	0.0022		0.0014	U	N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
TELLURIUM	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA
THALLIUM	0.000015	U	0.00011	U	N/A	N/A	N/A	N/A	0.000029	U	0.00003	U	0.00003	U
TIN	0.0061	U	0.0057	U	N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
TITANIUM	0.0033		0.0028	U	N/A	N/A	N/A	N/A	0.058	U	0.003	U	0.003	U
TOTAL MERCURY	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA
VANADIUM	0.0015	U	0.0014	U	N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
YTTRIUM	0.00092	U	0.00085	U	N/A	N/A	N/A	N/A	0.0029	U	0.003	U	0.003	U
ZINC	0.05		0.045		N/A	N/A	N/A	N/A	0.058		0.048		0.023	
ZIRCONIUM	---	NA	---	NA	N/A	N/A	N/A	N/A	---	NA	---	NA	---	NA

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.64	U	N/A	N/A	N/A	N/A	0.66	U	N/A	N/A	0.67	U	3.2	U
HF (CALCULATED FROM F)	---	NAI	N/A	N/A	N/A	N/A	---	NAI	N/A	N/A	---	NAI	---	NAI

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
METALS														
ALUMINUM	0.14		0.22		0.28		0.11		N/A	N/A	0.12		0.12	
ANTIMONY	0.0059	U	0.0061	U	0.006	U	0.0062	U	N/A	N/A	0.006	U	0.012	U
ARSENIC	0.0012		0.0027		0.0043		0.0011		N/A	N/A	0.00047		0.00098	
BARIUM	0.0032		0.0082		0.0088		0.0026		N/A	N/A	0.0022		0.0037	
BERYLLIUM	0.00003	U	0.00003	U	0.00003	U	0.000031	U	N/A	N/A	0.000015	U	0.000016	U
BORON	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA
CADMIUM	0.00026		0.00057		0.00049		0.00099	U	N/A	N/A	0.0015	U	0.0016	U
CALCIUM	0.57		1.2		1.4		0.39		N/A	N/A	0.28		0.28	
CHROMIUM	0.0024		0.0037		0.0032		0.0028		N/A	N/A	0.0026		0.0026	
COBALT	0.0015	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A	0.0015	U	0.0016	U
COPPER	0.5		0.37		0.18		0.35		N/A	N/A	0.36		0.46	
IRON	0.21		0.31		0.43		0.43		N/A	N/A	0.15	U	0.16	U
LEAD	0.0059	U	0.01	J	0.03	U	0.031	U	N/A	N/A	0.006	U	0.012	U
MAGNESIUM	0.15	U	0.15	U	0.17		0.15	U	N/A	N/A	0.15	U	0.16	U
MANGANESE	0.0051		0.0096		0.024		0.0051		N/A	N/A	0.002		0.0025	
MOLYBDENUM	0.0015	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A	0.0015	U	0.0032	U
NICKEL	0.0049		0.004		0.0032		0.02		N/A	N/A	0.0035		0.0039	
POTASSIUM	0.59	U	0.61	U	0.6	U	0.62	U	N/A	N/A	0.6	U	0.62	U
SELENIUM	0.0059	U	0.0061	U	0.006	UJ	0.0062	UJ	N/A	N/A	0.003	U	0.012	U
SILVER	0.0015	UJ	0.0015	UJ	0.0015	UJ	0.0015	UJ	N/A	N/A	0.0015	U	0.0016	UJ
SODIUM	1.2		0.77		0.92		0.76		N/A	N/A	0.73		0.8	
STRONTIUM	0.0015		0.0026		0.0035		0.0015	U	N/A	N/A	0.0015	U	0.0016	U
TELLURIUM	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA
THALLIUM	0.0003	U	0.0003	U	0.00003	U	0.000031	U	N/A	N/A	0.000075	U	0.000078	U
TIN	0.0059	U	0.0061	U	0.006	U	0.0062	U	N/A	N/A	0.006	U	0.012	U
TITANIUM	0.003	U	0.0046		0.0081		0.0031	U	N/A	N/A	0.003	U	0.0036	
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA
VANADIUM	0.0015	U	0.0015	U	0.0019		0.0015	U	N/A	N/A	0.0015	U	0.0016	U
YTTRIUM	0.00089	U	0.00091	U	0.00091	U	0.00092	U	N/A	N/A	0.0009	U	0.00093	U
ZINC	0.042		0.064		0.054		0.052		N/A	N/A	0.03	U	0.05	U
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	N/A	N/A	---	NA	---	NA

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	3.3	U	0.65	U	0.59	U	0.62	U	0.62	U	0.69	U	0.63	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI	---	NAI

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
METALS														
ALUMINUM	0.36		0.11		0.072		0.084		0.12		0.096		N/A	N/A
ANTIMONY	0.012	U	0.006	U	0.006	U	0.00016		0.00079		0.0003		N/A	N/A
ARSENIC	0.00076		0.00062		0.0007		0.00046		0.0012		0.00065		N/A	N/A
BARIUM	0.0039		0.0034		0.0028		0.0024		0.0039		0.0028		N/A	N/A
BERYLLIUM	0.000015	U	0.000015	U	0.000015	U	0.000015	U	0.00015	U	0.00015	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	N/A	N/A
CADMIUM	0.0015	U	0.000015	U	0.0009	U	0.00075	U	0.00043		0.0003	U	N/A	N/A
CALCIUM	0.7		0.4		0.25		0.23		0.48		0.48		N/A	N/A
CHROMIUM	0.0029		0.0025		0.003		0.0033		0.0025		0.002		N/A	N/A
COBALT	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A
COPPER	0.56		0.32		0.36		0.35		0.57		0.28		N/A	N/A
IRON	0.17		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	N/A	N/A
LEAD	0.012	U	0.008	U	0.01	U	0.006	U	0.0058		0.0044		N/A	N/A
MAGNESIUM	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	N/A	N/A
MANGANESE	0.0047		0.0032		0.0036		0.0023		0.0032		0.0029		N/A	N/A
MOLYBDENUM	0.003	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A
NICKEL	0.0032		0.0028		0.003		0.0027		0.0033		0.0022		N/A	N/A
POTASSIUM	0.61	U	0.6	U	1.2	U	0.6	U	0.61	U	0.6	U	N/A	N/A
SELENIUM	0.012	U	0.003	U	0.002		0.0012		0.0019		0.00096		N/A	N/A
SILVER	0.0015	UJ	0.0015	U	0.00021	J	0.0015	U	0.0015	UJ	0.0015	UJ	N/A	N/A
SODIUM	0.96		0.89		0.77		0.75		0.7		0.86		N/A	N/A
STRONTIUM	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	N/A	N/A
THALLIUM	0.000077	U	0.000074	U	0.00003	U	0.000075	U	0.00015	U	0.00015	U	N/A	N/A
TIN	0.012	U	0.006	U	0.006	U	0.006	U	0.0077	U	0.0075	U	N/A	N/A
TITANIUM	0.0031	U	0.003	U	0.003	U	0.003	U	0.0031	U	0.003	U	N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0015	U	0.0015	U	0.003	U	0.0015	U	0.0015	U	0.0015	U	N/A	N/A
YTTRIUM	0.00092	U	0.00089	U	0.0009	U	0.0009	U	0.00092	U	0.0009	U	N/A	N/A
ZINC	0.05	U	0.045		0.06		0.04		0.039		0.045		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	---	NA	---	NA	---	NA	N/A	N/A

	12/26/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
REACTIVE AEROSOLS														
HCL (CALCULATED FROM CL)	0.64	U	0.62	U	1.2	U	0.62	U	N/A	N/A	---	NA	1.2	U
HF (CALCULATED FROM F)	---	NAI	---	NAI	0.63	U	0.32	U	N/A	N/A	---	NA	0.64	U

Table A7. Analytical Data
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
METALS										
ALUMINUM	0.1		0.1		0.2		0.26		N/A	N/A
ANTIMONY	0.00035		0.001		0.00039		0.00046		N/A	N/A
ARSENIC	0.00051		0.00027	U	0.0007		0.0014		N/A	N/A
BARIUM	0.0037		0.0023		0.0042		0.0044		N/A	N/A
BERYLLIUM	0.00015	U	0.00014	U	0.00015	U	0.00015	U	N/A	N/A
BORON	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
CADMIUM	0.0003	U	0.00018		0.00029		0.00039		N/A	N/A
CALCIUM	0.81		0.51		1.5		1.1		N/A	N/A
CHROMIUM	0.0026		0.0022		0.0026		0.0026		N/A	N/A
COBALT	0.0015	U	0.00068	U	0.00076	U	0.00076	U	N/A	N/A
COPPER	0.36		0.37		0.48		0.55		N/A	N/A
IRON	0.16		0.12		0.24		0.26		N/A	N/A
LEAD	0.0032		0.0022	U	0.0076	U	0.0042		N/A	N/A
MAGNESIUM	0.15	U	0.068	U	0.19		0.18		N/A	N/A
MANGANESE	0.0059		0.0034		0.014		0.0085		N/A	N/A
MOLYBDENUM	0.0015	U	0.0014	U	0.0015	U	0.0015	U	N/A	N/A
NICKEL	0.0078		0.0025		0.0029		0.0056		N/A	N/A
POTASSIUM	0.59	U	0.27	U	0.3	U	0.3	U	N/A	N/A
SELENIUM	0.002		0.00054	U	0.00071		0.0013		N/A	N/A
SILVER	0.0015	UJ	0.0027	U	0.00028		0.003	UJ	N/A	N/A
SODIUM	0.63		0.9		0.73		0.78		N/A	N/A
STRONTIUM	0.0015	U	0.00099		0.0033		0.0025		N/A	N/A
TELLURIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A
THALLIUM	0.00015	U	0.00014	U	0.00015	U	0.00015	U	N/A	N/A
TIN	0.0074	U	0.0027	U	0.003	U	0.003	U	N/A	N/A
TITANIUM	0.0031		0.0022		0.005		0.0056		N/A	N/A
TOTAL MERCURY	---	NA	---	NA	---	NA	---	NA	N/A	N/A
VANADIUM	0.0015	U	0.00068	U	0.00076	U	0.00076	U	N/A	N/A
YTTRIUM	0.00089	U	0.00041	U	0.00045	U	0.00045	U	N/A	N/A
ZINC	0.043		0.06		0.046		0.049		N/A	N/A
ZIRCONIUM	---	NA	---	NA	---	NA	N/A	N/A	N/A	N/A

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
REACTIVE AEROSOLS										
HCL (CALCULATED FROM CL)	1.5	U	1.4	U	1.4	U	1.4	U	N/A	N/A
HF (CALCULATED FROM F)	0.76	U	0.71	U	0.71	U	0.72	U	N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	0.55	U	N/A	N/A	0.55	U	N/A	N/A	0.55	U	0.55	U
1,1,2,2-Tetrachloroethane	N/A	N/A	0.69	U	N/A	N/A	0.69	U	N/A	N/A	0.69	U	0.69	U
1,1,2-Trichloroethane	N/A	N/A	0.55	U	N/A	N/A	0.55	U	N/A	N/A	0.55	U	0.55	U
1,1-Dichloroethane	N/A	N/A	0.41	U	N/A	N/A	0.41	U	N/A	N/A	0.41	U	0.41	U
1,1-Dichloroethene	N/A	N/A	0.40	U	N/A	N/A	0.40	U	N/A	N/A	0.40	U	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	0.82		N/A	N/A	0.75	U	N/A	N/A	1.27		0.75	U
1,2,4-Trimethylbenzene	N/A	N/A	1.59		N/A	N/A	1.24	U	N/A	N/A	2.38		1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	0.78	U	N/A	N/A	0.78	U	N/A	N/A	0.78	U	0.78	U
1,2-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	0.61	U	N/A	N/A	0.61	U	0.61	U
1,2-Dichloroethane	N/A	N/A	0.41	U	N/A	N/A	0.41	U	N/A	N/A	0.41	U	0.41	U
1,2-Dichloropropane	N/A	N/A	0.47	U	N/A	N/A	0.47	U	N/A	N/A	0.47	U	0.47	U
1,3,5-Trimethylbenzene	N/A	N/A	1.24	U	N/A	N/A	1.24	U	N/A	N/A	1.24	U	1.24	U
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U	N/A	N/A	6.19		0.22	U
1,3-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	0.61	U	N/A	N/A	0.61	U	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	0.61	U	N/A	N/A	0.61	U	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	4.85		N/A	N/A	37.70		12.53	
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	3.84		N/A	N/A	1.29		N/A	N/A	3.87		1.36	
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U	N/A	N/A	0.68	U	0.68	U
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U	N/A	N/A	1.04	U	34.88	
Bromomethane	N/A	N/A	0.39	U	N/A	N/A	0.39	U	N/A	N/A	0.39	U	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U	N/A	N/A	107.67		0.31	U
Carbon Tetrachloride	N/A	N/A	0.64	U	N/A	N/A	0.64	U	N/A	N/A	0.64	U	1.02	
Chlorobenzene	N/A	N/A	0.47	U	N/A	N/A	0.47	U	N/A	N/A	0.47	U	0.47	U
Chloroethane	N/A	N/A	0.27	U	N/A	N/A	0.27	U	N/A	N/A	0.56		0.27	U
Chloroform	N/A	N/A	0.54		N/A	N/A	0.49	U	N/A	N/A	1.33		0.49	U
Chloromethane	N/A	N/A	1.46		N/A	N/A	1.46		N/A	N/A	7.36		1.52	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	0.40	U	N/A	N/A	0.40	U	N/A	N/A	0.40	U	0.40	U
cis-1,3-Dichloropropene	N/A	N/A	1.15	U	N/A	N/A	1.15	U	N/A	N/A	1.15	U	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U	N/A	N/A	2.26		0.35	U
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U	N/A	N/A	0.86	U	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	0.96		N/A	N/A	0.44	U	N/A	N/A	15.22		0.44	U
Freon 11	N/A	N/A	1.65		N/A	N/A	1.25		N/A	N/A	1.42		1.65	
Freon 113	N/A	N/A	0.77	U	N/A	N/A	0.77	U	N/A	N/A	0.77	U	0.77	U
Freon 114	N/A	N/A	0.71	U	N/A	N/A	0.71	U	N/A	N/A	0.71	U	0.71	U
Freon 12	N/A	N/A	3.92		N/A	N/A	2.23		N/A	N/A	2.58		2.88	

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	0.69	U
1,1,1-Trichloroethane	3.53		0.55	U	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U	N/A	N/A	0.75	U
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	N/A	N/A	N/A	N/A	0.78	U	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	0.22	U	N/A	N/A	N/A	N/A	0.83		N/A	N/A	0.34	
1,3-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	0.47	U
Acetone	2.40	U	2.40	U	N/A	N/A	N/A	N/A	23.78		N/A	N/A	15.60	
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.90		N/A	N/A	0.22	U
Benzene	0.90		0.90		N/A	N/A	N/A	N/A	1.55		N/A	N/A	0.45	
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	N/A	N/A	N/A	N/A	0.68	U	N/A	N/A	0.68	U
Bromoform	1.04	U	14.31		N/A	N/A	N/A	N/A	1.04	U	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	N/A	N/A	N/A	N/A	0.39	U	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U	N/A	N/A	1.32	U
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	1.39	U
Carbon Disulfide	0.31	U	0.31	U	N/A	N/A	N/A	N/A	0.50		N/A	N/A	0.31	U
Carbon Tetrachloride	0.95		1.02		N/A	N/A	N/A	N/A	0.70		N/A	N/A	0.70	
Chlorobenzene	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	N/A	N/A	N/A	N/A	0.27	U	N/A	N/A	0.27	U
Chloroform	0.49	U	0.49	U	N/A	N/A	N/A	N/A	0.49	U	N/A	N/A	0.49	U
Chloromethane	1.65		1.50		N/A	N/A	N/A	N/A	1.63		N/A	N/A	0.90	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.19		N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	N/A	N/A	N/A	N/A	1.15	U	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50	U	N/A	N/A	0.50	U
Cyclohexane	0.35	U	0.35	U	N/A	N/A	N/A	N/A	0.35	U	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	N/A	N/A	N/A	N/A	0.86	U	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U	N/A	N/A	0.72	U
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	0.44	U	N/A	N/A	N/A	N/A	0.44	U	N/A	N/A	0.44	U
Freon 11	1.82		1.87		N/A	N/A	N/A	N/A	1.70		N/A	N/A	1.31	
Freon 113	0.77	U	0.77	U	N/A	N/A	N/A	N/A	0.77	U	N/A	N/A	0.77	U
Freon 114	0.71	U	0.71	U	N/A	N/A	N/A	N/A	0.71	U	N/A	N/A	0.71	U
Freon 12	3.77		3.47		N/A	N/A	N/A	N/A	3.52		N/A	N/A	2.88	

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A
1,1,1-Trichloroethane	0.55	U	0.55	U	0.61		0.55	U	0.66		0.55	U	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
1,1-Dichloropropene	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U	N/A	N/A
1,2,3-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A
1,2,3-Trichloropropane	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	1.24	U	1.59		2.48		1.24	U	1.24	U	N/A	N/A
1,2-Dibromo-3-chloropropane	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	N/A	N/A
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A
1,3-Butadiene	0.22		1.61		1.65		4.76		0.96		0.60		N/A	N/A
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,3-Dichloropropane	0.47	U	0.47	U	0.47	U	1.21		1.21		1.49		N/A	N/A
1,4-Dichlorobenzene	0.61	U	0.61	U	6.19		3.64		0.67		0.61	U	N/A	N/A
2,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
Acetone	14.30		2.40	U	54.71		43.72		45.49		31.27		N/A	N/A
Acrylonitrile	0.22	U	0.96		0.22	U	0.22	U	0.22	U	0.22	U	N/A	N/A
Benzene	0.97		1.39		3.45		10.58		2.10		1.55		N/A	N/A
Bromobenzene	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U	N/A	N/A
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A
Bromoform	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	N/A	N/A
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A
Butyl Acrylate	1.32	U	1.32	U	1.32	U	1.32	U	1.32	U	1.32	U	N/A	N/A
Butylbenzene	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Carbon Disulfide	0.98		0.31	U	8.81		18.12		8.52		7.99		N/A	N/A
Carbon Tetrachloride	0.70		0.76		0.64	U	0.64	U	0.64	U	0.64	U	N/A	N/A
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A
Chloroform	0.49	U	0.69		1.48		0.79		0.79		0.49	U	N/A	N/A
Chloromethane	2.04		1.59		0.21	U	1.17		1.44		1.11		N/A	N/A
Chloroprene	0.91	U	1.61		1.02		0.91	U	0.91	U	0.91	U	N/A	N/A
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A
Cumene	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	N/A	N/A
Cyclohexane	0.35	U	0.35	U	1.63		1.18		0.49		0.35	U	N/A	N/A
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A
Dibromomethane	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U	N/A	N/A
Ethyl Acrylate	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A
Ethylbenzene	0.44	U	0.44	U	12.06		14.87		3.25		3.73		N/A	N/A
Freon 11	2.33		2.04		2.16		1.65		2.04		1.65		N/A	N/A
Freon 113	1.32		0.77		0.77	U	0.77	U	0.77	U	0.77	U	N/A	N/A
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A
Freon 12	4.31		4.16		4.26		3.32		6.40		3.12		N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	1.08	U	N/A	N/A	1.08	U	N/A	N/A	1.08	U	1.08	U
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	1.39		N/A	N/A	1.17		1.39	
m- and/or p-Xylene	N/A	N/A	3.64		N/A	N/A	1.27		N/A	N/A	5.40		0.66	
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U	N/A	N/A	2.07	U	2.07	U
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	0.30	U	N/A	N/A	16.44		3.07	
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A	1.03	U	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	1.78		N/A	N/A	0.36	U	3.50	
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	3.33		N/A	N/A	3.90		N/A	N/A	37.16		8.11	
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	1.18		N/A	N/A	1.10	U	N/A	N/A	1.89		1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	1.08	U	N/A	N/A	1.08	U	N/A	N/A	77.33		1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	0.69	U	N/A	N/A	0.69	U	N/A	N/A	0.69	U	0.69	U
Toluene	N/A	N/A	18.12		N/A	N/A	4.99		N/A	N/A	202.92		2.86	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	0.40	U	0.40	U
trans-1,3-Dichloropropene	N/A	N/A	2.29	U	N/A	N/A	2.29	U	N/A	N/A	2.29	U	2.29	U
Trichloroethylene	N/A	N/A	0.54	U	N/A	N/A	0.54	U	N/A	N/A	20.45		0.54	U
Vinyl Chloride	N/A	N/A	0.52		N/A	N/A	0.26	U	N/A	N/A	0.93		0.26	U

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	8.61		N/A	N/A	2.61	
Hexachlorobutadiene	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A	1.08	U
Hexane	1.00		0.64		N/A	N/A	N/A	N/A	1.07		N/A	N/A	0.39	
m- and/or p-Xylene	1.10		1.58		N/A	N/A	N/A	N/A	1.40		N/A	N/A	0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.05		N/A	N/A	0.31	U
Methyl Butyl Ketone	2.07	U	2.07	U	N/A	N/A	N/A	N/A	2.07	U	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	0.30	U	N/A	N/A	N/A	N/A	6.34		N/A	N/A	0.74	
Methyl Isobutyl Ketone	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.87		0.36	U	N/A	N/A	N/A	N/A	1.97		N/A	N/A	0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	0.41	U
Methylene Chloride	2.77		5.51		N/A	N/A	N/A	N/A	0.77		N/A	N/A	0.35	U
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.65	U	N/A	N/A	2.65	U
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U	N/A	N/A	0.52	U
o-Xylene	1.10	U	1.10	U	N/A	N/A	N/A	N/A	1.10	U	N/A	N/A	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U	N/A	N/A	0.52	U
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	1.39	U
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	1.24	U
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	1.39	U
Styrene	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	0.69	U
Toluene	2.47		1.94		N/A	N/A	N/A	N/A	7.88		N/A	N/A	1.52	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	N/A	N/A	N/A	N/A	2.29	U	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	0.54	U	N/A	N/A	N/A	N/A	2.22		N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	N/A	N/A	N/A	N/A	0.26	U	N/A	N/A	0.26	U

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	31.29		9.86		7.22		5.14		13.25		3.36		N/A	N/A
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A
Hexane	0.43		1.39		4.34		7.16		1.32		0.78		N/A	N/A
m- and/or p-Xylene	0.70		1.10		6.54		11.36		1.23		1.71		N/A	N/A
Methyl Acetate	0.31	U	1.01		1.62		0.31	U	0.34		0.34		N/A	N/A
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A
Methyl Ethyl Ketone	0.30	U	0.30	U	8.10		3.57		2.29		0.30	U	N/A	N/A
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A
Methyl Methacrylate	4.14	U	4.14	U	4.14	U	4.14	U	4.14	U	4.14	U	N/A	N/A
Methyl tert-Butyl Ether	0.36	U	0.36	U	11.11		3.61		2.08		0.36	U	N/A	N/A
Methylcyclohexane	0.41	U	0.41	U	0.45		3.29		0.61		0.41	U	N/A	N/A
Methylene Chloride	1.86		1.40		15.79		17.02		16.32		10.49		N/A	N/A
Naphthalene	2.65	U	2.65	U	2.65	U	2.65	U	2.65	U	2.65	U	N/A	N/A
o-Chlorotoluene	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	N/A	N/A
o-Xylene	1.10	U	1.10	U	2.19		3.60		1.10	U	1.10	U	N/A	N/A
p-Chlorotoluene	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	N/A	N/A
p-Isopropyltoluene	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Propylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A
sec-Butylbenzene	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Styrene	1.08	U	1.08	U	27.02		55.86		5.34		16.48		N/A	N/A
tert-Butylbenzene	0.55	U	0.94		0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A
Tetrachloroethylene	0.69	U	0.69	U	1.23		0.82		0.69	U	0.69	U	N/A	N/A
Toluene	5.63		4.00		82.96		105.95		101.50		109.34		N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A
Trichloroethylene	0.54	U	0.54	U	2.01		2.01		2.71		2.22		N/A	N/A
Vinyl Chloride	0.96		0.36		0.44		0.26	U	0.26	U	0.26	U	N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A8. Analytical Data
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.71	
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.42	
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10.57	
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.40	U
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.52	
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.67	
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.64	U
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.75	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	26.67	
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.57	U
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.78	
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.76	

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	0.55	U	N/A	N/A	0.83		0.55	U	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U	0.46	U	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	5.02		2.73		N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U	0.98	U	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	N/A	N/A	0.78	U	0.78	U	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	1.29		1.24	U	N/A	N/A	1.24	U
1,3-Butadiene	0.65		0.22	U	N/A	N/A	7.02		6.32		N/A	N/A	0.40	
1,3-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	4.62		7.00		N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	1.03		0.61	U	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U	N/A	N/A	0.47	U
Acetone	2.40	U	2.40	U	N/A	N/A	21.07		110.78		N/A	N/A	10.53	
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	1.23		1.10		N/A	N/A	0.22	U
Benzene	1.71		0.61		N/A	N/A	5.58		13.23		N/A	N/A	0.32	U
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U	0.65	U	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	N/A	N/A	0.68	U	0.68	U	N/A	N/A	0.68	U
Bromoform	1.04	U	1.04	U	N/A	N/A	1.04	U	1.04	U	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	N/A	N/A	0.39	U	0.39	U	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U	1.32	U	N/A	N/A	1.32	U
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	1.39	U
Carbon Disulfide	9.53		0.31	U	N/A	N/A	40.11		53.32		N/A	N/A	0.31	U
Carbon Tetrachloride	0.95		1.08		N/A	N/A	0.64	U	0.64	U	N/A	N/A	0.64	U
Chlorobenzene	0.47	U	0.47	U	N/A	N/A	0.56		0.47	U	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	N/A	N/A	0.43		0.32		N/A	N/A	0.27	U
Chloroform	1.09		0.49	U	N/A	N/A	5.03		2.07		N/A	N/A	0.49	U
Chloromethane	2.07		1.52		N/A	N/A	2.80		2.92		N/A	N/A	1.46	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	0.91	U	0.95		N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	N/A	N/A	1.15	U	1.15	U	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	2.58		1.44		N/A	N/A	0.50	U
Cyclohexane	0.52		0.35	U	N/A	N/A	3.96		2.12		N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	N/A	N/A	0.86	U	0.86	U	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U	0.72	U	N/A	N/A	0.72	U
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	1.03	U	N/A	N/A	1.03	U
Ethylbenzene	3.90		0.44	U	N/A	N/A	39.56		36.06		N/A	N/A	0.44	U
Freon 11	1.70		1.76		N/A	N/A	1.42		1.42		N/A	N/A	1.76	
Freon 113	0.77	U	0.77	U	N/A	N/A	0.77	U	0.77	U	N/A	N/A	1.16	
Freon 114	0.71	U	0.71	U	N/A	N/A	0.71	U	0.71	U	N/A	N/A	0.71	U
Freon 12	3.37		3.37		N/A	N/A	2.88		3.07		N/A	N/A	3.22	

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.80		N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	8.38		N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Acetone	39.57		N/A	N/A	15.93		N/A	N/A	N/A	N/A	N/A	N/A	5.13	
Acrylonitrile	0.22	U	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
Benzene	0.81		N/A	N/A	1.19		N/A	N/A	N/A	N/A	N/A	N/A	0.71	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	4.40		N/A	N/A	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.70		N/A	N/A	0.76		N/A	N/A	N/A	N/A	N/A	N/A	0.70	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U
Chloroform	0.49		N/A	N/A	0.49	U	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	2.36		N/A	N/A	1.59		N/A	N/A	N/A	N/A	N/A	N/A	1.23	
Chloroprene	0.91	U	N/A	N/A	0.91	U	N/A	N/A	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	N/A	N/A	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	1.05		N/A	N/A	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Freon 11	2.16		N/A	N/A	1.99		N/A	N/A	N/A	N/A	N/A	N/A	1.82	
Freon 113	1.24		N/A	N/A	0.77		N/A	N/A	N/A	N/A	N/A	N/A	0.77	
Freon 114	0.71	U	N/A	N/A	0.71	U	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U
Freon 12	3.77		N/A	N/A	4.16		N/A	N/A	N/A	N/A	N/A	N/A	3.42	

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	0.61		0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	0.46	U	0.46	U	0.46	U	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U
1,3-Butadiene	0.56		N/A	N/A	1.79		0.22	U	0.36		0.27		0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
1,4-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Acetone	4.56		N/A	N/A	4.13		5.06		5.81		11.73		3.98	
Acrylonitrile	0.70		N/A	N/A	0.22	U	0.22	U	0.39		0.28		0.22	U
Benzene	0.74		N/A	N/A	0.81		0.42		0.71		1.45		0.35	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	0.65	U	0.65	U	0.65	U	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	1.32	U	1.32	U	1.32	U	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U
Carbon Disulfide	0.31	U	N/A	N/A	0.31	U	0.31	U	0.31		0.50		0.31	U
Carbon Tetrachloride	0.76		N/A	N/A	0.64	U	0.76		0.76		1.46		0.76	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
Chloroform	0.49	U	N/A	N/A	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U
Chloromethane	1.31		N/A	N/A	1.15		1.48		1.21		3.00		1.38	
Chloroprene	0.91	U	N/A	N/A	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
Freon 11	1.82		N/A	N/A	1.87		1.99		1.87		3.69		1.82	
Freon 113	1.08		N/A	N/A	0.77	U	1.01		0.77		1.47		0.77	
Freon 114	0.71	U	N/A	N/A	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U
Freon 12	3.42		N/A	N/A	3.47		3.57		3.57		7.14		3.47	

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A
1,1,1-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
1,1-Dichloropropene	0.46	U	0.46	U	0.46	U	0.46	U	N/A	N/A
1,2,3-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A
1,2,3-Trichloropropane	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A
1,2-Dibromo-3-chloropropane	0.98	U	0.98	U	0.98	U	0.98	U	N/A	N/A
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A
1,3-Butadiene	2.23		0.22	U	2.06		0.49		N/A	N/A
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
1,3-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
1,4-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A
2,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
Acetone	4.30		2.40	U	8.33		5.93		N/A	N/A
Acrylonitrile	0.33		0.22	U	0.48		0.22	U	N/A	N/A
Benzene	0.68		0.71		0.45		0.65		N/A	N/A
Bromobenzene	0.65	U	0.65	U	0.65	U	0.65	U	N/A	N/A
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A
Bromoform	1.04	U	1.04	U	1.04	U	1.04	U	N/A	N/A
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A
Butyl Acrylate	1.32	U	1.32	U	1.32	U	1.32	U	N/A	N/A
Butylbenzene	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Carbon Disulfide	0.53		0.50		0.88		0.35		N/A	N/A
Carbon Tetrachloride	0.76		0.76		0.83		0.83		N/A	N/A
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A
Chloroform	0.49	U	0.49	U	0.49	U	0.49	U	N/A	N/A
Chloromethane	2.17		1.59		1.56		1.08		N/A	N/A
Chloroprene	0.91	U	0.91	U	0.91	U	0.91	U	N/A	N/A
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A
Cumene	0.50	U	0.50	U	0.50	U	0.50	U	N/A	N/A
Cyclohexane	0.35	U	0.35	U	0.35	U	0.35	U	N/A	N/A
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A
Dibromomethane	0.72	U	0.72	U	0.72	U	0.72	U	N/A	N/A
Ethyl Acrylate	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A
Ethylbenzene	0.44	U	0.44	U	0.44	U	0.44	U	N/A	N/A
Freon 11	2.04		2.04		1.99		1.76		N/A	N/A
Freon 113	1.16		1.16		1.24		0.85		N/A	N/A
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A
Freon 12	3.82		4.02		3.87		2.92		N/A	N/A

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.36	U
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.95	
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	38.34	
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31.51	
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.38	U
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	2.11		2.86		N/A	N/A	0.86	
Hexachlorobutadiene	1.08	U	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A	1.08	U
Hexane	0.89		0.36	U	N/A	N/A	2.78		1.53		N/A	N/A	0.36	U
m- and/or p-Xylene	1.71		0.79		N/A	N/A	21.49		17.46		N/A	N/A	0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	2.79		0.95		N/A	N/A	3.55	
Methyl Butyl Ketone	2.07	U	2.07	U	N/A	N/A	2.07	U	2.07	U	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	0.30	U	N/A	N/A	24.16		25.32		N/A	N/A	1.13	
Methyl Isobutyl Ketone	1.03	U	1.03	U	N/A	N/A	2.07		1.03	U	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U	4.14	U	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	1.68		0.36	U	N/A	N/A	2.26		1.97		N/A	N/A	0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	0.81		3.89		N/A	N/A	0.41	U
Methylene Chloride	14.14		5.72		N/A	N/A	82.43		48.36		N/A	N/A	0.49	
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	2.75		2.65	U	N/A	N/A	2.65	U
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U	0.52	U	N/A	N/A	0.52	U
o-Xylene	1.10	U	1.10	U	N/A	N/A	5.75		4.25		N/A	N/A	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U	0.52	U	N/A	N/A	0.52	U
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	1.39	U
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	2.04		1.24	U	N/A	N/A	1.24	U
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	1.39	U
Styrene	11.45		1.08	U	N/A	N/A	91.66		102.07		N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	3.83		0.61		N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	N/A	N/A	1.71		1.03		N/A	N/A	0.69	U
Toluene	50.52		3.92		N/A	N/A	228.27		346.86		N/A	N/A	0.72	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	N/A	N/A	2.29	U	2.29	U	N/A	N/A	2.29	U
Trichloroethylene	3.74		0.54	U	N/A	N/A	4.99		4.88		N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	N/A	N/A	0.26	U	0.26	U	N/A	N/A	0.26	U

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	2.18		N/A	N/A	0.36	U	N/A	N/A	N/A	N/A	N/A	N/A	3.82	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.36	U	N/A	N/A	1.07		N/A	N/A	N/A	N/A	N/A	N/A	0.46	
m- and/or p-Xylene	1.18		N/A	N/A	0.79		N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	0.31	U	N/A	N/A	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	1.49		N/A	N/A	0.30	U	N/A	N/A	N/A	N/A	N/A	N/A	0.39	
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.36	U	N/A	N/A	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	15.51		N/A	N/A	0.70		N/A	N/A	N/A	N/A	N/A	N/A	0.60	
Naphthalene	2.65	U	N/A	N/A	2.65	U	N/A	N/A	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Styrene	3.83		N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
Toluene	43.70		N/A	N/A	3.16		N/A	N/A	N/A	N/A	N/A	N/A	0.91	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54		N/A	N/A	0.54	U	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	14.00		N/A	N/A	6.36		0.86		29.36		9.36		0.75	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
Hexane	0.39		N/A	N/A	0.43		0.36	U	0.36	U	0.78		0.36	U
m- and/or p-Xylene	0.44	U	N/A	N/A	0.44	U	0.44	U	0.44	U	0.66		0.44	U
Methyl Acetate	0.31	U	N/A	N/A	0.31	U	0.31	U	0.31	U	0.34		0.31	U
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.30	U	0.30	U	0.71		0.30	U	0.30	U
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	4.14	U	4.14	U	4.14	U	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.36	U	0.36	U	0.55		0.36	U	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Methylene Chloride	0.49		N/A	N/A	0.60		0.63		0.53		1.16		0.42	
Naphthalene	2.65	U	N/A	N/A	2.65	U	2.65	U	2.65	U	2.65	U	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	1.39	U	1.39	U
Styrene	1.08	U	N/A	N/A	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	0.67		0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	1.30		0.69	U
Toluene	1.33		N/A	N/A	3.39		0.61		1.26		5.10		0.53	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Vinyl Chloride	0.67		N/A	N/A	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U

Table A9. Analytical Data
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	8.43		1.04		2.97		8.75		N/A	N/A
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A
Hexane	0.39		0.39		0.36	U	0.36	U	N/A	N/A
m- and/or p-Xylene	0.44	U	0.44	U	0.44	U	0.44	U	N/A	N/A
Methyl Acetate	0.31	U	0.31	U	0.43		0.31	U	N/A	N/A
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A
Methyl Ethyl Ketone	0.30	U	0.95		0.30	U	0.69		N/A	N/A
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A
Methyl Methacrylate	4.14	U	4.14	U	4.14	U	4.14	U	N/A	N/A
Methyl tert-Butyl Ether	0.36	U	0.40		0.36	U	0.58		N/A	N/A
Methylcyclohexane	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A
Methylene Chloride	1.02		1.02		0.46		0.53		N/A	N/A
Naphthalene	2.65	U	2.65	U	2.65	U	2.65	U	N/A	N/A
o-Chlorotoluene	0.52	U	0.52	U	0.52	U	0.52	U	N/A	N/A
o-Xylene	1.10	U	1.10	U	1.10	U	1.10	U	N/A	N/A
p-Chlorotoluene	0.52	U	0.52	U	0.52	U	0.52	U	N/A	N/A
p-Isopropyltoluene	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Propylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A
sec-Butylbenzene	1.39	U	1.39	U	1.39	U	1.39	U	N/A	N/A
Styrene	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A
tert-Butylbenzene	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A
Tetrachloroethylene	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A
Toluene	2.28		3.54		2.09		2.47		N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A
Trichloroethylene	0.54	U	0.54	U	0.54	U	0.54	U	N/A	N/A
Vinyl Chloride	0.26	U	0.26	U	0.26	U	0.26	U	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U	N/A	N/A	1.16	
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U	N/A	N/A	3.47	
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U	N/A	N/A	0.41	U
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	N/A	N/A	10.45	
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.97		0.75	U	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U	0.78	U	N/A	N/A	0.78	U
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U	N/A	N/A	0.41	U
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U	N/A	N/A	1.24	U
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	4.40		0.22	U	N/A	N/A	0.22	U
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	40.74		2.40	U	N/A	N/A	2.40	U
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	1.87		0.71		N/A	N/A	0.32	U
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U	0.68	U	N/A	N/A	0.68	U
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U	1.04	U	N/A	N/A	1.04	U
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U	0.39	U	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	13.84		0.31	U	N/A	N/A	0.31	U
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	0.64	U	0.64	U	N/A	N/A	0.64	U
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U	N/A	N/A	0.47	U
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U	0.27	U	N/A	N/A	0.27	U
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	1.58		0.49	U	N/A	N/A	0.49	U
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	1.65		1.23		N/A	N/A	1.52	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	N/A	N/A	26.59	
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U	1.15	U	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	0.38		0.35	U	N/A	N/A	0.35	U
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U	0.86	U	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	5.97		0.44	U	N/A	N/A	0.44	U
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	1.25		1.36		N/A	N/A	2.61	
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	0.77	U	0.77	U	N/A	N/A	1.94	
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U	0.71	U	N/A	N/A	0.71	U
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	2.03		2.78		N/A	N/A	3.47	

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	0.55	U	0.55	U	0.77		0.55	U	0.55	U	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	0.46	U	0.46	U	0.46	U	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	0.98	U	0.98	U	0.98	U	N/A	N/A	N/A	N/A
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
1,3-Butadiene	0.22	U	0.22	U	0.22		0.22	U	0.22	U	N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
Acetone	3.67		2.40	U	2.40	U	3.07		9.45		N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	0.28		0.31		0.59		N/A	N/A	N/A	N/A
Benzene	0.77		0.52		0.90		1.29		1.06		N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	0.65	U	0.65	U	0.65	U	N/A	N/A	N/A	N/A
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A	N/A	N/A
Bromoform	1.04	U	10.76		1.04	U	1.04	U	1.04	U	N/A	N/A	N/A	N/A
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	1.32	U	1.32	U	1.32	U	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Carbon Disulfide	0.53		5.19		0.31	U	0.31	U	0.31	U	N/A	N/A	N/A	N/A
Carbon Tetrachloride	1.02		0.95		0.70		0.70		0.64	U	N/A	N/A	N/A	N/A
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A	N/A	N/A
Chloroform	0.49	U	0.49	U	0.49	U	0.49	U	0.49	U	N/A	N/A	N/A	N/A
Chloromethane	1.79		1.48		1.48		1.38		1.42		N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	0.91	U	0.91	U	0.91	U	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	0.50	U	0.50	U	0.50	U	N/A	N/A	N/A	N/A
Cyclohexane	0.35	U	0.35	U	0.80		0.35	U	0.35	U	N/A	N/A	N/A	N/A
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	0.72	U	0.72	U	0.72	U	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A
Ethylbenzene	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	N/A	N/A	N/A	N/A
Freon 11	1.82		1.82		1.82		1.59		1.76		N/A	N/A	N/A	N/A
Freon 113	0.77	U	0.77	U	0.77	U	0.77	U	0.77	U	N/A	N/A	N/A	N/A
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A	N/A	N/A
Freon 12	3.67		3.47		4.21		3.42		3.52		N/A	N/A	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.82	
1,2,3-Trichloropropane	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.12	
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.85		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Acetone	2.40	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.06	
Acrylonitrile	0.26		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
Benzene	0.81		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.71	
Bromobenzene	0.65	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	0.69		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.70		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.70	
Chlorobenzene	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U
Chloroform	4.69		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	2.29		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.33	
Chloroprene	0.91	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Freon 11	2.33		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.70	
Freon 113	1.32		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.77	U
Freon 114	0.71	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U
Freon 12	4.02		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.07	

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	0.46	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	0.98	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	0.78	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Butadiene	N/A	N/A	0.34		N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	2.40	U	N/A	N/A	N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	0.71		N/A	N/A	N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	0.65	U	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A
Bromoform	N/A	N/A	1.04	U	N/A	N/A	N/A	N/A	N/A	N/A
Bromomethane	N/A	N/A	0.39	U	N/A	N/A	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	1.32	U	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Tetrachloride	N/A	N/A	0.76		N/A	N/A	N/A	N/A	N/A	N/A
Chlorobenzene	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A
Chloroethane	N/A	N/A	0.27	U	N/A	N/A	N/A	N/A	N/A	N/A
Chloroform	N/A	N/A	0.69		N/A	N/A	N/A	N/A	N/A	N/A
Chloromethane	N/A	N/A	1.63		N/A	N/A	N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	0.91	U	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	1.15	U	N/A	N/A	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	0.50	U	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A	N/A	N/A
Dibromochloromethane	N/A	N/A	0.86	U	N/A	N/A	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	0.72	U	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A
Freon 11	N/A	N/A	1.93		N/A	N/A	N/A	N/A	N/A	N/A
Freon 113	N/A	N/A	0.77	U	N/A	N/A	N/A	N/A	N/A	N/A
Freon 114	N/A	N/A	0.71	U	N/A	N/A	N/A	N/A	N/A	N/A
Freon 12	N/A	N/A	3.62		N/A	N/A	N/A	N/A	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	1.08	U	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	1.92		0.64		N/A	N/A	0.36	U
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	2.54		0.44	U	N/A	N/A	0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U	2.07	U	N/A	N/A	2.07	U
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	6.61		0.30	U	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	1.70		1.03	U	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	4.84		0.36	U	N/A	N/A	0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	11.47		2.18		N/A	N/A	0.35	U
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U	1.10	U	N/A	N/A	36.32	
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	19.79		1.72		N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U	N/A	N/A	31.51	
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	63.58		3.54		N/A	N/A	0.38	U
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U	2.29	U	N/A	N/A	2.29	U
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	3.20		0.54	U	N/A	N/A	0.54	U
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U	0.26	U	N/A	N/A	0.26	U

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	4.36		1.04		3.72		N/A	N/A	N/A	N/A
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A
Hexane	0.57		0.36	U	4.81		1.53		0.85		N/A	N/A	N/A	N/A
m- and/or p-Xylene	0.44	U	0.44	U	1.18		1.10		1.10		N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	0.31	U	0.73		0.34		N/A	N/A	N/A	N/A
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	0.98		0.30	U	0.30	U	0.30	U	0.30	U	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	4.14	U	4.14	U	4.14	U	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	1.38		0.36	U	0.36	U	2.44		0.36	U	N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
Methylene Chloride	3.68		5.33		0.49		0.35	U	0.91		N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	2.65	U	2.65	U	2.65	U	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A
o-Xylene	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Styrene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A
Tetrachloroethylene	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
Toluene	8.72		1.14		5.25		3.24		5.94		N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A	N/A	N/A
Trichloroethylene	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	N/A	N/A	N/A	N/A
Vinyl Chloride	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	N/A	N/A	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	2.61		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.54	
Hexachlorobutadiene	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
Hexane	1.25		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.43	
m- and/or p-Xylene	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Methyl Butyl Ketone	2.07	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.48	
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	0.60		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.46	
Naphthalene	2.65	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
Toluene	2.78		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.84	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table A10. Analytical Data
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	N/A	N/A	2.75		N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	0.36	U	N/A	N/A	N/A	N/A	N/A	N/A
m- and/or p-Xylene	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	2.07	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	0.30	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	4.14	U	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	0.36	U	N/A	N/A	N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	0.53		N/A	N/A	N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	2.65	U	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	1.10	U	N/A	N/A	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	1.33		N/A	N/A	N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	2.29	U	N/A	N/A	N/A	N/A	N/A	N/A
Trichloroethylene	N/A	N/A	0.54	U	N/A	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	N/A	N/A	0.26	U	N/A	N/A	N/A	N/A	N/A	N/A

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.40	U	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.74		N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U	N/A	N/A
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U	N/A	N/A
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.88		N/A	N/A
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.64	U	N/A	N/A
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U	N/A	N/A
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U	N/A	N/A
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.90		N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U	N/A	N/A
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U	N/A	N/A
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.70		N/A	N/A
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.77	U	N/A	N/A
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.63		N/A	N/A
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.26		N/A	N/A

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	12.35		0.77		0.55	U	0.55	U	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	0.46	U	0.46	U	0.46	U	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	3.08		1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	0.98	U	0.98	U	0.98	U	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	2.08		0.69		0.85		0.38		N/A	N/A	0.47	
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
Acetone	19.56		45.23		8.64		14.64		18.02		N/A	N/A	6.65	
Acrylonitrile	N/A	N/A	N/A	N/A	0.75		0.22	U	0.77		N/A	N/A	0.22	U
Benzene	1.45		2.94		1.16		1.39		2.10		N/A	N/A	0.68	
Bromobenzene	N/A	N/A	N/A	N/A	0.65	U	0.65	U	0.65	U	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A	0.68	U
Bromoform	1.04	U	15.56		1.04	U	1.04	U	1.04	U	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	1.32	U	1.32	U	1.32	U	N/A	N/A	1.32	U
Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Carbon Disulfide	1.60		28.44		0.47		1.26		0.31	U	N/A	N/A	0.72	
Carbon Tetrachloride	1.08		0.64	U	0.76		0.76		0.70		N/A	N/A	0.76	
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A	0.27	U
Chloroform	0.94		1.48		1.58		0.64		1.63		N/A	N/A	0.49	U
Chloromethane	1.90		2.00		1.33		1.44		1.50		N/A	N/A	1.15	
Chloroprene	N/A	N/A	N/A	N/A	2.93		2.67		1.61		N/A	N/A	1.32	
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	0.50	U	0.50	U	0.50	U	N/A	N/A	0.50	U
Cyclohexane	0.35	U	0.76		0.35	U	0.35	U	0.35	U	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	0.72	U	0.72	U	0.72	U	N/A	N/A	0.72	U
Ethyl Acrylate	N/A	N/A	N/A	N/A	1.03	U	1.03	U	1.03	U	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	13.47		0.44	U	0.48		0.57		N/A	N/A	0.44	U
Freon 11	1.70		1.76		1.76		1.76		1.76		N/A	N/A	1.76	
Freon 113	0.77	U	0.77	U	0.77	U	1.16		0.77		N/A	N/A	1.24	
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A	0.71	U
Freon 12	3.67		3.92		3.57		3.47		3.72		N/A	N/A	3.42	

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.44		N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Acetone	11.01		N/A	N/A	16.03		N/A	N/A	N/A	N/A	N/A	N/A	6.14	
Acrylonitrile	0.22	U	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
Benzene	0.94		N/A	N/A	2.90		N/A	N/A	N/A	N/A	N/A	N/A	1.10	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	1.92		N/A	N/A	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.76		N/A	N/A	0.70		N/A	N/A	N/A	N/A	N/A	N/A	0.70	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U
Chloroform	0.49	U	N/A	N/A	0.49	U	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	2.07		N/A	N/A	1.29		N/A	N/A	N/A	N/A	N/A	N/A	1.27	
Chloroprene	0.91	U	N/A	N/A	0.91	U	N/A	N/A	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	N/A	N/A	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	0.61		N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Freon 11	2.21		N/A	N/A	1.93		N/A	N/A	N/A	N/A	N/A	N/A	1.87	
Freon 113	1.39		N/A	N/A	0.77	U	N/A	N/A	N/A	N/A	N/A	N/A	1.16	
Freon 114	0.71	U	N/A	N/A	0.71	U	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U
Freon 12	4.61		N/A	N/A	4.66		N/A	N/A	N/A	N/A	N/A	N/A	3.37	

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	0.46	U	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	0.98	U	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	0.78	U	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.40		N/A	N/A	2.03		0.22	U	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Acetone	116.93		N/A	N/A	3.02		3.70		N/A	N/A	N/A	N/A	3.77	
Acrylonitrile	0.22	U	N/A	N/A	0.22	U	0.22	U	N/A	N/A	N/A	N/A	0.22	U
Benzene	1.48		N/A	N/A	1.19		0.74		N/A	N/A	N/A	N/A	0.68	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	0.65	U	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	0.68	U	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	1.04	U	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	0.39	U	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	1.32	U	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	0.31	U	N/A	N/A	0.31	U	1.60		N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.64	U	N/A	N/A	0.70		0.76		N/A	N/A	N/A	N/A	0.76	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	0.27	U	N/A	N/A	N/A	N/A	0.27	U
Chloroform	0.49	U	N/A	N/A	0.49	U	0.49	U	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	1.36		N/A	N/A	1.25		1.31		N/A	N/A	N/A	N/A	1.56	
Chloroprene	0.91	U	N/A	N/A	2.67		0.91	U	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	1.15	U	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	0.50	U	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	0.35	U	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	0.86	U	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	0.72	U	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	0.44	U	N/A	N/A	N/A	N/A	0.44	U
Freon 11	1.76		N/A	N/A	1.87		2.10		N/A	N/A	N/A	N/A	1.87	
Freon 113	0.77	U	N/A	N/A	0.77	U	1.01		N/A	N/A	N/A	N/A	1.08	
Freon 114	0.71	U	N/A	N/A	0.71	U	0.71	U	N/A	N/A	N/A	N/A	0.71	U
Freon 12	3.57		N/A	N/A	3.47		3.57		N/A	N/A	N/A	N/A	3.57	

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A
1,1-Dichloroethane	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A
1,1-Dichloroethene	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A
1,1-Dichloropropene	N/A	N/A	N/A	N/A	0.46	U	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	0.98	U	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	0.78	U	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A
1,2-Dichloroethane	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A
1,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A
1,3-Butadiene	N/A	N/A	N/A	N/A	1.54		N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A
1,3-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A
2,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	6.93		N/A	N/A	N/A	N/A
Acrylonitrile	N/A	N/A	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	0.77		N/A	N/A	N/A	N/A
Bromobenzene	N/A	N/A	N/A	N/A	0.65	U	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	0.68	U	N/A	N/A	N/A	N/A
Bromoform	N/A	N/A	N/A	N/A	1.04	U	N/A	N/A	N/A	N/A
Bromomethane	N/A	N/A	N/A	N/A	0.39	U	N/A	N/A	N/A	N/A
Butyl Acrylate	N/A	N/A	N/A	N/A	1.32	U	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	0.57		N/A	N/A	N/A	N/A
Carbon Tetrachloride	N/A	N/A	N/A	N/A	0.89		N/A	N/A	N/A	N/A
Chlorobenzene	N/A	N/A	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A
Chloroethane	N/A	N/A	N/A	N/A	0.27	U	N/A	N/A	N/A	N/A
Chloroform	N/A	N/A	N/A	N/A	0.69		N/A	N/A	N/A	N/A
Chloromethane	N/A	N/A	N/A	N/A	1.42		N/A	N/A	N/A	N/A
Chloroprene	N/A	N/A	N/A	N/A	0.91	U	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	1.15	U	N/A	N/A	N/A	N/A
Cumene	N/A	N/A	N/A	N/A	0.50	U	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A
Dibromochloromethane	N/A	N/A	N/A	N/A	0.86	U	N/A	N/A	N/A	N/A
Dibromomethane	N/A	N/A	N/A	N/A	0.72	U	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A
Freon 11	N/A	N/A	N/A	N/A	2.04		N/A	N/A	N/A	N/A
Freon 113	N/A	N/A	N/A	N/A	1.01		N/A	N/A	N/A	N/A
Freon 114	N/A	N/A	N/A	N/A	0.71	U	N/A	N/A	N/A	N/A
Freon 12	N/A	N/A	N/A	N/A	3.92		N/A	N/A	N/A	N/A

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.36	U	N/A	N/A
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.70		N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.30	U	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.02		N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.63		N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.39		N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U	N/A	N/A
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U	N/A	N/A
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U	N/A	N/A

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	5.14		6.54		14.83		N/A	N/A	8.61	
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	1.08	U
Hexane	1.10		2.78		1.71		1.21		1.82		N/A	N/A	0.53	
m- and/or p-Xylene	1.32		6.23		1.14		1.89		2.19		N/A	N/A	0.48	
Methyl Acetate	N/A	N/A	N/A	N/A	0.31	U	0.52		0.46		N/A	N/A	0.31	U
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A	2.07	U
Methyl Ethyl Ketone	2.74		5.72		0.30	U	2.47		0.30	U	N/A	N/A	0.54	
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	4.14	U	4.14	U	4.14	U	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	3.90		0.36	U	0.36	U	2.59		0.36	U	N/A	N/A	0.91	
Methylcyclohexane	N/A	N/A	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
Methylene Chloride	6.21		30.56		0.49		0.35	U	1.09		N/A	N/A	0.39	
Naphthalene	N/A	N/A	N/A	N/A	2.65	U	2.65	U	2.65	U	N/A	N/A	2.65	U
o-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	0.52	U
o-Xylene	1.10	U	2.37		1.10	U	1.10	U	1.10	U	N/A	N/A	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	0.52	U
p-Isopropyltoluene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Propylbenzene	N/A	N/A	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
sec-Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Styrene	1.08	U	42.64		1.08	U	1.08	U	1.08	U	N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
Toluene	11.46		132.94		13.13		9.59		14.43		N/A	N/A	4.83	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	8.90		0.54	U	0.54	U	0.54	U	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U	N/A	N/A	0.26	U

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	2.46		N/A	N/A	0.64		N/A	N/A	N/A	N/A	N/A	N/A	6.64	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.93		N/A	N/A	3.56		N/A	N/A	N/A	N/A	N/A	N/A	0.75	
m- and/or p-Xylene	0.66		N/A	N/A	3.47		N/A	N/A	N/A	N/A	N/A	N/A	0.75	
Methyl Acetate	0.31	U	N/A	N/A	0.43		N/A	N/A	N/A	N/A	N/A	N/A	0.46	
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.30	U	N/A	N/A	N/A	N/A	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	9.07		N/A	N/A	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	1.44		N/A	N/A	0.63		N/A	N/A	N/A	N/A	N/A	N/A	0.46	
Naphthalene	2.65	U	N/A	N/A	2.65	U	N/A	N/A	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
Toluene	1.87		N/A	N/A	9.40		N/A	N/A	N/A	N/A	N/A	N/A	1.56	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	6.25		N/A	N/A	79.88		0.71		N/A	N/A	N/A	N/A	0.89	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.82		N/A	N/A	0.78		0.36	U	N/A	N/A	N/A	N/A	0.36	U
m- and/or p-Xylene	0.70		N/A	N/A	0.61		0.48		N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	1.35		N/A	N/A	0.31	U	0.31	U	N/A	N/A	N/A	N/A	0.34	
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	2.07	U	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.83		0.30	U	N/A	N/A	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	4.14	U	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.76		0.36	U	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	0.35	U	N/A	N/A	0.42		0.60		N/A	N/A	N/A	N/A	0.60	
Naphthalene	2.65	U	N/A	N/A	2.65	U	2.65	U	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	1.10	U	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
Toluene	2.86		N/A	N/A	11.95		0.84		N/A	N/A	N/A	N/A	0.42	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	2.29	U	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	0.54	U	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.98		N/A	N/A	0.26	U	0.26	U	N/A	N/A	N/A	N/A	0.26	U

Table A11. Analytical Data
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	5.43		N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A
Hexane	N/A	N/A	N/A	N/A	0.43		N/A	N/A	N/A	N/A
m- and/or p-Xylene	N/A	N/A	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A
Methyl Acetate	N/A	N/A	N/A	N/A	0.31	U	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	2.07	U	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	0.77		N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A
Methyl Methacrylate	N/A	N/A	N/A	N/A	4.14	U	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	0.98		N/A	N/A	N/A	N/A
Methylcyclohexane	N/A	N/A	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	0.46		N/A	N/A	N/A	N/A
Naphthalene	N/A	N/A	N/A	N/A	2.65	U	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	1.10	U	N/A	N/A	N/A	N/A
p-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A
tert-Butylbenzene	N/A	N/A	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A
Toluene	N/A	N/A	N/A	N/A	2.32		N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	2.29	U	N/A	N/A	N/A	N/A
Trichloroethylene	N/A	N/A	N/A	N/A	0.54	U	N/A	N/A	N/A	N/A
Vinyl Chloride	N/A	N/A	N/A	N/A	0.26	U	N/A	N/A	N/A	N/A

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U	0.75	U
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U	0.78	U
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U	0.22	U
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.39		10.65	
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.84		0.32	U
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U	0.68	U
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U	1.04	U
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.54		0.31	U
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.64	U	1.02	
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U	0.27	U
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U	0.49	U
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.79		1.44	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U	0.35	U
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75		0.44	U
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.87		1.76	
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.77	U	0.77	U
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U	0.71	U
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.92		3.27	

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	0.55	U	26.29		0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	0.46	U	0.46	U	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	2.04		1.29		1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	0.98	U	0.98	U	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	3.71		2.19		0.22	U	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	1.63		0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Acetone	10.87		48.97		36.95		2.40	U	N/A	N/A	N/A	N/A	6.55	
Acrylonitrile	N/A	N/A	N/A	N/A	0.88		0.22	U	N/A	N/A	N/A	N/A	0.22	U
Benzene	0.77		2.23		3.16		0.77		N/A	N/A	N/A	N/A	0.39	
Bromobenzene	N/A	N/A	N/A	N/A	0.65	U	0.65	U	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	13.78		1.04	U	1.04	U	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	1.32	U	1.32	U	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	0.47		17.27		10.70		0.31	U	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.95		0.64	U	0.64	U	0.70		N/A	N/A	N/A	N/A	0.70	
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A	N/A	N/A	0.27	U
Chloroform	0.49	U	1.23		1.63		0.49	U	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	1.90		1.92		1.42		1.23		N/A	N/A	N/A	N/A	1.31	
Chloroprene	N/A	N/A	N/A	N/A	0.91	U	0.91	U	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	0.50	U	0.50	U	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	0.83		1.04		0.35	U	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	0.72	U	0.72	U	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	N/A	N/A	N/A	N/A	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	4.96		5.26		0.44	U	N/A	N/A	N/A	N/A	0.44	U
Freon 11	1.82		1.59		1.59		1.65		N/A	N/A	N/A	N/A	1.70	
Freon 113	0.77	U	0.77	U	0.77	U	0.77	U	N/A	N/A	N/A	N/A	1.32	
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A	N/A	N/A	0.71	U
Freon 12	4.41		4.07		3.42		3.27		N/A	N/A	N/A	N/A	3.37	

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	0.46	U	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	0.98	U	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	0.78	U	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	3.98		N/A	N/A	0.22	U	0.22	U	N/A	N/A	N/A	N/A	0.22	U
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	1.34		N/A	N/A	0.97		0.61	U	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Acetone	12.24		N/A	N/A	24.47		6.31		N/A	N/A	N/A	N/A	4.18	
Acrylonitrile	0.22	U	N/A	N/A	0.22	U	0.22	U	N/A	N/A	N/A	N/A	0.22	U
Benzene	1.03		N/A	N/A	2.07		0.65		N/A	N/A	N/A	N/A	0.68	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	0.65	U	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	0.68	U	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	1.04	U	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	0.39	U	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	1.32	U	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	1.38		N/A	N/A	3.02		0.31	U	N/A	N/A	N/A	N/A	0.31	U
Carbon Tetrachloride	0.76		N/A	N/A	0.76		0.70		N/A	N/A	N/A	N/A	0.70	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	0.27	U	N/A	N/A	N/A	N/A	0.27	U
Chloroform	1.87		N/A	N/A	1.73		0.49	U	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	2.57		N/A	N/A	1.04		1.06		N/A	N/A	N/A	N/A	1.33	
Chloroprene	1.32		N/A	N/A	6.66		0.91	U	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	1.15	U	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	0.50	U	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	0.35	U	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	0.86	U	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	0.72	U	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	0.44	U	N/A	N/A	N/A	N/A	0.44	U
Freon 11	2.55		N/A	N/A	2.04		1.87		N/A	N/A	N/A	N/A	1.87	
Freon 113	1.39		N/A	N/A	0.77	U	1.24		N/A	N/A	N/A	N/A	1.01	
Freon 114	0.71	U	N/A	N/A	0.71	U	0.71	U	N/A	N/A	N/A	N/A	0.71	U
Freon 12	4.26		N/A	N/A	4.56		3.77		N/A	N/A	N/A	N/A	3.32	

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	0.69	U	0.69	U
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	0.66		0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	0.69	U	0.69	U
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	0.55	U	0.55	U
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	0.41	U	0.41	U
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	0.40	U	0.40	U
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	N/A	N/A	N/A	N/A	0.46	U	0.46	U
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	0.75	U	0.75	U
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	0.61	U	0.61	U
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	N/A	N/A	N/A	N/A	0.75	U	0.75	U
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	1.24	U	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	N/A	N/A	N/A	N/A	0.98	U	0.98	U
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	N/A	N/A	N/A	N/A	0.78	U	0.78	U
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	0.61	U	0.61	U
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	0.41	U	0.41	U
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	0.47	U	0.47	U
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	1.24	U	1.24	U
1,3-Butadiene	0.22	U	N/A	N/A	1.34		N/A	N/A	N/A	N/A	0.22	U	0.87	
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	0.61	U	0.61	U
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	0.47	U	0.47	U
1,4-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	N/A	N/A	N/A	N/A	0.91		0.61	U
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	0.47	U	0.47	U
Acetone	4.51		N/A	N/A	5.18		N/A	N/A	N/A	N/A	11.33		4.46	
Acrylonitrile	0.22	U	N/A	N/A	0.22	U	N/A	N/A	N/A	N/A	0.68		0.22	U
Benzene	0.77		N/A	N/A	0.81		N/A	N/A	N/A	N/A	1.26		0.48	
Bromobenzene	0.65	U	N/A	N/A	0.65	U	N/A	N/A	N/A	N/A	0.65	U	0.65	U
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	N/A	N/A	N/A	N/A	0.68	U	0.68	U
Bromoform	1.04	U	N/A	N/A	1.04	U	N/A	N/A	N/A	N/A	1.04	U	1.04	U
Bromomethane	0.39	U	N/A	N/A	0.39	U	N/A	N/A	N/A	N/A	0.39	U	0.39	U
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	N/A	N/A	N/A	N/A	1.32	U	1.32	U
Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	1.39	U	1.39	U
Carbon Disulfide	0.44		N/A	N/A	1.29		N/A	N/A	N/A	N/A	0.57		0.31	U
Carbon Tetrachloride	0.76		N/A	N/A	0.64	U	N/A	N/A	N/A	N/A	1.72		0.83	
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	N/A	N/A	N/A	N/A	0.47	U	0.47	U
Chloroethane	0.27	U	N/A	N/A	0.27	U	N/A	N/A	N/A	N/A	0.27	U	0.27	U
Chloroform	0.49	U	N/A	N/A	0.49	U	N/A	N/A	N/A	N/A	0.49	U	0.49	U
Chloromethane	1.17		N/A	N/A	1.50		N/A	N/A	N/A	N/A	2.88		1.50	
Chloroprene	0.91	U	N/A	N/A	0.91	U	N/A	N/A	N/A	N/A	0.91	U	1.06	
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	0.40	U	0.40	U
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	N/A	N/A	N/A	N/A	1.15	U	1.15	U
Cumene	0.50	U	N/A	N/A	0.50	U	N/A	N/A	N/A	N/A	0.50	U	0.50	U
Cyclohexane	0.35	U	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A	0.35	U	0.35	U
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	N/A	N/A	N/A	N/A	0.86	U	0.86	U
Dibromomethane	0.72	U	N/A	N/A	0.72	U	N/A	N/A	N/A	N/A	0.72	U	0.72	U
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	1.03	U	1.03	U
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A	0.44	U	0.44	U
Freon 11	1.87		N/A	N/A	1.93		N/A	N/A	N/A	N/A	4.65		1.76	
Freon 113	0.93		N/A	N/A	0.93		N/A	N/A	N/A	N/A	2.09		1.01	
Freon 114	0.71	U	N/A	N/A	0.71	U	N/A	N/A	N/A	N/A	0.71	U	0.71	U
Freon 12	3.57		N/A	N/A	3.47		N/A	N/A	N/A	N/A	8.13		3.37	

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	0.46	U	N/A	N/A
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	0.98	U	N/A	N/A
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	0.78	U	N/A	N/A
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A
1,3-Butadiene	0.22	U	N/A	N/A	0.22	U	0.22	U	N/A	N/A
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	N/A	N/A
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A
1,4-Dichlorobenzene	0.61	U	N/A	N/A	1.03		0.61	U	N/A	N/A
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A
Acetone	2.40	U	N/A	N/A	6.96		8.21		N/A	N/A
Acrylonitrile	0.22	U	N/A	N/A	0.33		0.22	U	N/A	N/A
Benzene	0.55		N/A	N/A	0.42		0.52		N/A	N/A
Bromobenzene	0.65	U	N/A	N/A	0.65	U	0.65	U	N/A	N/A
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	0.68	U	N/A	N/A
Bromoform	1.04	U	N/A	N/A	1.04	U	1.04	U	N/A	N/A
Bromomethane	0.39	U	N/A	N/A	0.39	U	0.39	U	N/A	N/A
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	1.32	U	N/A	N/A
Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A
Carbon Disulfide	0.31	U	N/A	N/A	0.53		0.31	U	N/A	N/A
Carbon Tetrachloride	0.76		N/A	N/A	0.89		0.76		N/A	N/A
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	0.47	U	N/A	N/A
Chloroethane	0.27	U	N/A	N/A	0.27	U	0.27	U	N/A	N/A
Chloroform	0.49	U	N/A	N/A	0.49	U	0.49	U	N/A	N/A
Chloromethane	1.75		N/A	N/A	1.63		1.25		N/A	N/A
Chloroprene	0.91	U	N/A	N/A	0.91	U	0.91	U	N/A	N/A
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	1.15	U	N/A	N/A
Cumene	0.50	U	N/A	N/A	0.50	U	0.50	U	N/A	N/A
Cyclohexane	0.35	U	N/A	N/A	0.35	U	0.35	U	N/A	N/A
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	0.86	U	N/A	N/A
Dibromomethane	0.72	U	N/A	N/A	0.72	U	0.72	U	N/A	N/A
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	0.44	U	N/A	N/A
Freon 11	1.93		N/A	N/A	1.99		1.76		N/A	N/A
Freon 113	1.08		N/A	N/A	1.01		0.85		N/A	N/A
Freon 114	0.71	U	N/A	N/A	0.71	U	0.71	U	N/A	N/A
Freon 12	3.77		N/A	N/A	3.67		3.07		N/A	N/A

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	1.08	U
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.78		0.36	U
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.29		0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U	2.07	U
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.34		1.52	
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.95		0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.63		2.95	
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.32		6.36	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U	2.29	U
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U	0.54	U
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U	0.26	U

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	1.93		10.86		N/A	N/A	N/A	N/A	2.32	
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.75		2.28		7.26		0.50		N/A	N/A	N/A	N/A	0.36	U
m- and/or p-Xylene	0.44	U	3.82		5.00		0.79		N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	N/A	N/A	N/A	N/A	0.86		0.31	U	N/A	N/A	N/A	N/A	0.31	U
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	4.26		0.30	U	0.30	U	N/A	N/A	N/A	N/A	0.57	
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	4.14	U	4.14	U	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	0.36	U	0.36	U	0.87		N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	5.51		29.34		25.58		0.35	U	N/A	N/A	N/A	N/A	0.53	
Naphthalene	N/A	N/A	N/A	N/A	2.65	U	2.65	U	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	1.54		1.32		1.10	U	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	N/A	N/A	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	26.16		29.35		1.08	U	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
Toluene	2.86		121.75		107.63		1.75		N/A	N/A	N/A	N/A	1.83	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	11.34		5.80		0.54	U	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	0.26	U	0.26	U	N/A	N/A	N/A	N/A	0.26	U

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	15.65		N/A	N/A	11.43		5.72		N/A	N/A	N/A	N/A	5.54	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.46		N/A	N/A	2.39		0.36	U	N/A	N/A	N/A	N/A	0.46	
m- and/or p-Xylene	0.53		N/A	N/A	1.49		0.44	U	N/A	N/A	N/A	N/A	0.44	U
Methyl Acetate	0.31	U	N/A	N/A	2.05		0.49		N/A	N/A	N/A	N/A	0.37	
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	2.07	U	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.30	U	0.30	U	N/A	N/A	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	4.14	U	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.36	U	0.36	U	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	0.88		N/A	N/A	0.49		0.46		N/A	N/A	N/A	N/A	0.56	
Naphthalene	2.65	U	N/A	N/A	2.65	U	2.65	U	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	1.10	U	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A	N/A	N/A	0.69	U
Toluene	6.89		N/A	N/A	15.53		1.98		N/A	N/A	N/A	N/A	0.91	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	2.29	U	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	0.54	U	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	0.26	U	N/A	N/A	N/A	N/A	0.26	U

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	6.57		N/A	N/A	79.13		N/A	N/A	N/A	N/A	6.07		47.58	
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	1.08	U	1.08	U
Hexane	0.43		N/A	N/A	0.39		N/A	N/A	N/A	N/A	0.78		0.43	
m- and/or p-Xylene	0.44	U	N/A	N/A	0.44	U	N/A	N/A	N/A	N/A	0.44	U	0.44	U
Methyl Acetate	0.31	U	N/A	N/A	0.40		N/A	N/A	N/A	N/A	0.55		0.58	
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	N/A	N/A	N/A	N/A	2.07	U	2.07	U
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.77		N/A	N/A	N/A	N/A	1.85		0.30	U
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	N/A	N/A	N/A	N/A	1.03	U	1.03	U
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	N/A	N/A	N/A	N/A	4.14	U	4.14	U
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.44		N/A	N/A	N/A	N/A	0.36	U	0.36	U
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	N/A	N/A	N/A	N/A	0.41	U	0.41	U
Methylene Chloride	0.35	U	N/A	N/A	0.35	U	N/A	N/A	N/A	N/A	0.81		0.56	
Naphthalene	2.65	U	N/A	N/A	2.65	U	N/A	N/A	N/A	N/A	2.65	U	2.65	U
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	0.52	U	0.52	U
o-Xylene	1.10	U	N/A	N/A	1.10	U	N/A	N/A	N/A	N/A	1.10	U	1.10	U
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	N/A	N/A	N/A	N/A	0.52	U	0.52	U
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	1.39	U	1.39	U
Propylbenzene	1.24	U	N/A	N/A	1.24	U	N/A	N/A	N/A	N/A	1.24	U	1.24	U
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	N/A	N/A	N/A	N/A	1.39	U	1.39	U
Styrene	1.08	U	N/A	N/A	1.08	U	N/A	N/A	N/A	N/A	1.08	U	1.08	U
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	N/A	N/A	N/A	N/A	0.55	U	0.55	U
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	N/A	N/A	N/A	N/A	0.69	U	0.69	U
Toluene	1.26		N/A	N/A	2.59		N/A	N/A	N/A	N/A	1.22		1.37	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	N/A	N/A	N/A	N/A	0.40	U	0.40	U
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	N/A	N/A	N/A	N/A	2.29	U	2.29	U
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	N/A	N/A	N/A	N/A	0.54	U	0.54	U
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	N/A	N/A	N/A	N/A	0.26	U	0.26	U

Table A12 . Analytical Data
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	1.75		N/A	N/A	13.32		311.05		N/A	N/A
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A
Hexane	0.36	U	N/A	N/A	0.36	U	0.39		N/A	N/A
m- and/or p-Xylene	0.44	U	N/A	N/A	0.44	U	0.44	U	N/A	N/A
Methyl Acetate	0.31	U	N/A	N/A	0.46		0.31	U	N/A	N/A
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	2.07	U	N/A	N/A
Methyl Ethyl Ketone	0.30	U	N/A	N/A	0.30	U	0.60		N/A	N/A
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	1.03	U	N/A	N/A
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	4.14	U	N/A	N/A
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.36	U	0.36	U	N/A	N/A
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	0.41	U	N/A	N/A
Methylene Chloride	0.74		N/A	N/A	0.56		0.60		N/A	N/A
Naphthalene	2.65	U	N/A	N/A	2.65	U	2.65	U	N/A	N/A
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A
o-Xylene	1.10	U	N/A	N/A	1.10	U	1.10	U	N/A	N/A
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	N/A	N/A
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A
Propylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	N/A	N/A
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	N/A	N/A
Styrene	1.08	U	N/A	N/A	1.08	U	1.08	U	N/A	N/A
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	0.55	U	N/A	N/A
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	0.69	U	N/A	N/A
Toluene	0.91		N/A	N/A	0.42		1.83		N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	2.29	U	N/A	N/A
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	0.54	U	N/A	N/A
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	0.26	U	N/A	N/A

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.55	U	0.55	U
1,1,2,2-Tetrachloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U	0.69	U	0.69	U
1,1,2-Trichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.55	U	0.55	U
1,1-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U	0.41	U	0.41	U
1,1-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U	0.75	U	1.35		0.75	U
1,2,4-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U	1.24	U	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,2-Dibromoethane	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U	0.78	U	0.78	U	0.78	U
1,2-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U
1,2-Dichloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U	0.41	U	0.41	U	0.41	U
1,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U
1,3,5-Trimethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U	1.24	U	1.24	U	1.24	U
1,3-Butadiene	N/A	N/A	N/A	N/A	N/A	N/A	1.97		1.94		0.22	U	1.47	
1,3-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Acetone	N/A	N/A	N/A	N/A	N/A	N/A	2.40	U	2.40	U	18.67		8.81	
Acrylonitrile	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	N/A	N/A	N/A	N/A	N/A	N/A	2.19		1.42		0.61		1.10	
Bromobenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bromodichloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U	0.68	U	0.68	U	0.68	U
Bromoform	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U	1.04	U	1.04	U	1.04	U
Bromomethane	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U	0.39	U	0.39	U	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Disulfide	N/A	N/A	N/A	N/A	N/A	N/A	3.87		1.73		1.10		1.35	
Carbon Tetrachloride	N/A	N/A	N/A	N/A	N/A	N/A	0.64	U	0.64	U	0.64	U	0.95	
Chlorobenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	0.47	U
Chloroethane	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U	0.27	U	0.27	U	0.27	U
Chloroform	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U	0.49	U	0.49	U	0.89	
Chloromethane	N/A	N/A	N/A	N/A	N/A	N/A	3.32		2.63		1.61		1.27	
Chloroprene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U
cis-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U	1.15	U	1.15	U	1.15	U
Cumene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U	0.35	U	0.35	U	0.35	U
Dibromochloromethane	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U	0.86	U	0.86	U	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethyl Acrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U	0.44	U	0.44	U	0.44	U
Freon 11	N/A	N/A	N/A	N/A	N/A	N/A	2.84		3.01		1.65		1.70	
Freon 113	N/A	N/A	N/A	N/A	N/A	N/A	0.77	U	0.77	U	0.77	U	0.77	U
Freon 114	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U	0.71	U	0.71	U	0.71	U
Freon 12	N/A	N/A	N/A	N/A	N/A	N/A	5.26		5.60		3.27		5.70	

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	N/A	N/A	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	0.55	U	0.72		0.55	U	0.55	U	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
1,1-Dichloropropene	N/A	N/A	N/A	N/A	0.46	U	0.46	U	0.46	U	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	N/A	N/A	N/A	N/A	0.75	U	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,3-Trichloropropane	N/A	N/A	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	N/A	N/A	N/A	N/A	0.98	U	0.98	U	0.98	U	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	0.78	U	0.78	U	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	0.22	U	0.67		0.31		0.63		N/A	N/A	1.50	
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
1,3-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
1,4-Dichlorobenzene	0.61	U	0.61	U	0.61	U	0.61	U	0.61	U	N/A	N/A	0.61	U
2,2-Dichloropropane	N/A	N/A	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
Acetone	16.22		10.70		7.61		2.40	U	10.15		N/A	N/A	8.47	
Acrylonitrile	N/A	N/A	N/A	N/A	0.33		0.24		0.61		N/A	N/A	0.28	
Benzene	1.03		0.68		0.87		1.36		3.03		N/A	N/A	0.55	
Bromobenzene	N/A	N/A	N/A	N/A	0.65	U	0.65	U	0.65	U	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	N/A	N/A	0.68	U
Bromoform	1.04	U	8.67		1.04	U	1.04	U	1.04	U	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	N/A	N/A	0.39	U
Butyl Acrylate	N/A	N/A	N/A	N/A	1.32	U	1.32	U	1.32	U	N/A	N/A	1.32	U
Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Carbon Disulfide	3.46		0.31	U	0.31	U	0.31	U	0.31	U	N/A	N/A	0.88	
Carbon Tetrachloride	1.02		1.02		0.64	U	0.64	U	0.64	U	N/A	N/A	0.70	
Chlorobenzene	0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U	N/A	N/A	0.27	U
Chloroform	0.94		0.49	U	0.49	U	0.49	U	0.59		N/A	N/A	0.49	U
Chloromethane	1.98		1.59		1.25		1.33		1.86		N/A	N/A	1.36	
Chloroprene	N/A	N/A	N/A	N/A	0.91	U	0.91	U	0.95		N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	1.15	U	1.15	U	N/A	N/A	1.15	U
Cumene	N/A	N/A	N/A	N/A	0.50	U	0.50	U	0.50	U	N/A	N/A	0.50	U
Cyclohexane	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	N/A	N/A	0.86	U
Dibromomethane	N/A	N/A	N/A	N/A	0.72	U	0.72	U	0.72	U	N/A	N/A	0.72	U
Ethyl Acrylate	N/A	N/A	N/A	N/A	1.03	U	1.03	U	1.03	U	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	0.44	U	0.44	U	0.61		0.88		N/A	N/A	0.44	U
Freon 11	1.87		1.87		1.70		1.53		1.82		N/A	N/A	1.76	
Freon 113	0.77	U	0.77	U	0.77	U	0.77	U	0.77		N/A	N/A	1.24	
Freon 114	0.71	U	0.71	U	0.71	U	0.71	U	0.71	U	N/A	N/A	0.71	U
Freon 12	4.07		3.37		3.37		3.32		4.11		N/A	N/A	3.52	

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,1-Trichloroethane	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
1,1,2-Trichloroethane	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
1,1-Dichloroethane	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,1-Dichloroethene	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
1,1-Dichloropropene	0.46	U	0.46	U	0.46	U	N/A	N/A	N/A	N/A	N/A	N/A	0.46	U
1,2,3-Trichlorobenzene	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,3-Trichloropropane	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2,4-Trichlorobenzene	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A	N/A	N/A	0.75	U
1,2,4-Trimethylbenzene	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,2-Dibromo-3-chloropropane	0.98	U	0.98	U	0.98	U	N/A	N/A	N/A	N/A	N/A	N/A	0.98	U
1,2-Dibromoethane	0.78	U	0.78	U	0.78	U	N/A	N/A	N/A	N/A	N/A	N/A	0.78	U
1,2-Dichlorobenzene	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,2-Dichloroethane	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
1,2-Dichloropropane	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,3,5-Trimethylbenzene	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
1,3-Butadiene	0.22	U	0.94		1.83		N/A	N/A	N/A	N/A	N/A	N/A	0.60	
1,3-Dichlorobenzene	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
1,3-Dichloropropane	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
1,4-Dichlorobenzene	2.19		0.67		1.58		N/A	N/A	N/A	N/A	N/A	N/A	0.61	U
2,2-Dichloropropane	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Acetone	12.19		11.33		20.06		N/A	N/A	N/A	N/A	N/A	N/A	6.12	
Acrylonitrile	0.22	U	0.22	U	0.22	U	N/A	N/A	N/A	N/A	N/A	N/A	0.22	U
Benzene	0.87		1.29		2.29		N/A	N/A	N/A	N/A	N/A	N/A	0.90	
Bromobenzene	0.65	U	0.65	U	0.65	U	N/A	N/A	N/A	N/A	N/A	N/A	0.65	U
Bromodichloromethane	0.68	U	0.68	U	0.68	U	N/A	N/A	N/A	N/A	N/A	N/A	0.68	U
Bromoform	1.04	U	1.04	U	1.04	U	N/A	N/A	N/A	N/A	N/A	N/A	1.04	U
Bromomethane	0.39	U	0.39	U	0.39	U	N/A	N/A	N/A	N/A	N/A	N/A	0.39	U
Butyl Acrylate	1.32	U	1.32	U	1.32	U	N/A	N/A	N/A	N/A	N/A	N/A	1.32	U
Butylbenzene	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Carbon Disulfide	0.31	U	0.31	U	0.31	U	N/A	N/A	N/A	N/A	N/A	N/A	0.38	
Carbon Tetrachloride	0.70		0.76		0.76		N/A	N/A	N/A	N/A	N/A	N/A	0.76	
Chlorobenzene	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A	N/A	N/A	0.47	U
Chloroethane	0.27	U	0.27	U	0.27	U	N/A	N/A	N/A	N/A	N/A	N/A	0.27	U
Chloroform	0.49	U	0.49	U	0.49	U	N/A	N/A	N/A	N/A	N/A	N/A	0.49	U
Chloromethane	2.38		1.11		1.21		N/A	N/A	N/A	N/A	N/A	N/A	1.31	
Chloroprene	0.91	U	0.91	U	0.91	U	N/A	N/A	N/A	N/A	N/A	N/A	0.91	U
cis-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
cis-1,3-Dichloropropene	1.15	U	1.15	U	1.15	U	N/A	N/A	N/A	N/A	N/A	N/A	1.15	U
Cumene	0.50	U	0.50	U	0.50	U	N/A	N/A	N/A	N/A	N/A	N/A	0.50	U
Cyclohexane	0.35	U	0.35	U	0.35	U	N/A	N/A	N/A	N/A	N/A	N/A	0.35	U
Dibromochloromethane	0.86	U	0.86	U	0.86	U	N/A	N/A	N/A	N/A	N/A	N/A	0.86	U
Dibromomethane	0.72	U	0.72	U	0.72	U	N/A	N/A	N/A	N/A	N/A	N/A	0.72	U
Ethyl Acrylate	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Ethylbenzene	0.44	U	0.44	U	0.44	U	N/A	N/A	N/A	N/A	N/A	N/A	0.44	U
Freon 11	2.50		1.87		1.93		N/A	N/A	N/A	N/A	N/A	N/A	1.99	
Freon 113	1.39		0.85		0.85		N/A	N/A	N/A	N/A	N/A	N/A	1.08	
Freon 114	0.71	U	0.71	U	0.71	U	N/A	N/A	N/A	N/A	N/A	N/A	0.71	U
Freon 12	4.31		4.02		4.56		N/A	N/A	N/A	N/A	N/A	N/A	3.47	

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
VOCS														
1,1,1,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
1,1,1-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
1,1,2-Trichloroethane	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A
1,1-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
1,1-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
1,1-Dichloropropene	0.46	U	N/A	N/A	0.46	U	0.46	U	0.46	U	N/A	N/A	N/A	N/A
1,2,3-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A
1,2,3-Trichloropropane	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	N/A	N/A	0.75	U	0.75	U	0.75	U	N/A	N/A	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
1,2-Dibromo-3-chloropropane	0.98	U	N/A	N/A	0.98	U	0.98	U	0.98	U	N/A	N/A	N/A	N/A
1,2-Dibromoethane	0.78	U	N/A	N/A	0.78	U	0.78	U	0.78	U	N/A	N/A	N/A	N/A
1,2-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,2-Dichloroethane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
1,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
1,3-Butadiene	0.22		N/A	N/A	0.51		0.56		1.50		N/A	N/A	N/A	N/A
1,3-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
1,3-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
1,4-Dichlorobenzene	0.61	U	N/A	N/A	0.61	U	0.61	U	0.61	U	N/A	N/A	N/A	N/A
2,2-Dichloropropane	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
Acetone	5.40		N/A	N/A	4.61		4.68		7.49		N/A	N/A	N/A	N/A
Acrylonitrile	0.68		N/A	N/A	0.22	U	0.22	U	0.22	U	N/A	N/A	N/A	N/A
Benzene	1.03		N/A	N/A	0.94		0.81		0.52		N/A	N/A	N/A	N/A
Bromobenzene	0.65	U	N/A	N/A	0.65	U	0.65	U	0.65	U	N/A	N/A	N/A	N/A
Bromodichloromethane	0.68	U	N/A	N/A	0.68	U	0.68	U	0.68	U	N/A	N/A	N/A	N/A
Bromoform	1.04	U	N/A	N/A	1.04	U	1.04	U	1.04	U	N/A	N/A	N/A	N/A
Bromomethane	0.39	U	N/A	N/A	0.39	U	0.39	U	0.39	U	N/A	N/A	N/A	N/A
Butyl Acrylate	1.32	U	N/A	N/A	1.32	U	1.32	U	1.32	U	N/A	N/A	N/A	N/A
Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Carbon Disulfide	0.31	U	N/A	N/A	0.31	U	0.60		0.31	U	N/A	N/A	N/A	N/A
Carbon Tetrachloride	0.76		N/A	N/A	0.64	U	0.70		0.76		N/A	N/A	N/A	N/A
Chlorobenzene	0.47	U	N/A	N/A	0.47	U	0.47	U	0.47	U	N/A	N/A	N/A	N/A
Chloroethane	0.27	U	N/A	N/A	0.27	U	0.27	U	0.27	U	N/A	N/A	N/A	N/A
Chloroform	0.49	U	N/A	N/A	0.49	U	0.49	U	0.49	U	N/A	N/A	N/A	N/A
Chloromethane	1.29		N/A	N/A	1.13		1.44		1.21		N/A	N/A	N/A	N/A
Chloroprene	0.91	U	N/A	N/A	0.91	U	0.91	U	0.91	U	N/A	N/A	N/A	N/A
cis-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	N/A	N/A	1.15	U	1.15	U	1.15	U	N/A	N/A	N/A	N/A
Cumene	0.50	U	N/A	N/A	0.50	U	0.50	U	0.50	U	N/A	N/A	N/A	N/A
Cyclohexane	0.35	U	N/A	N/A	0.35	U	0.35	U	0.35	U	N/A	N/A	N/A	N/A
Dibromochloromethane	0.86	U	N/A	N/A	0.86	U	0.86	U	0.86	U	N/A	N/A	N/A	N/A
Dibromomethane	0.72	U	N/A	N/A	0.72	U	0.72	U	0.72	U	N/A	N/A	N/A	N/A
Ethyl Acrylate	1.03	U	N/A	N/A	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A
Ethylbenzene	0.44	U	N/A	N/A	0.44	U	0.44	U	0.44	U	N/A	N/A	N/A	N/A
Freon 11	1.82		N/A	N/A	1.82		2.04		1.93		N/A	N/A	N/A	N/A
Freon 113	0.77		N/A	N/A	0.77		1.01		0.77		N/A	N/A	N/A	N/A
Freon 114	0.71	U	N/A	N/A	0.71	U	0.71	U	0.71	U	N/A	N/A	N/A	N/A
Freon 12	3.42		N/A	N/A	3.37		3.52		3.62		N/A	N/A	N/A	N/A

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
VOCS										
1,1,1,2-Tetrachloroethane	0.69	U	0.69	U	N/A	N/A	0.69	U	N/A	N/A
1,1,1-Trichloroethane	0.55	U	0.55	U	N/A	N/A	0.55	U	N/A	N/A
1,1,2,2-Tetrachloroethane	0.69	U	0.69	U	N/A	N/A	0.69	U	N/A	N/A
1,1,2-Trichloroethane	0.55	U	0.55	U	N/A	N/A	0.55	U	N/A	N/A
1,1-Dichloroethane	0.41	U	0.41	U	N/A	N/A	0.41	U	N/A	N/A
1,1-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	N/A	N/A
1,1-Dichloropropene	0.46	U	0.46	U	N/A	N/A	0.46	U	N/A	N/A
1,2,3-Trichlorobenzene	0.75	U	0.75	U	N/A	N/A	0.75	U	N/A	N/A
1,2,3-Trichloropropane	0.61	U	0.61	U	N/A	N/A	0.61	U	N/A	N/A
1,2,4-Trichlorobenzene	0.75	U	0.75	U	N/A	N/A	0.75	U	N/A	N/A
1,2,4-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	1.24	U	N/A	N/A
1,2-Dibromo-3-chloropropane	0.98	U	0.98	U	N/A	N/A	0.98	U	N/A	N/A
1,2-Dibromoethane	0.78	U	0.78	U	N/A	N/A	0.78	U	N/A	N/A
1,2-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	0.61	U	N/A	N/A
1,2-Dichloroethane	0.41	U	0.41	U	N/A	N/A	0.41	U	N/A	N/A
1,2-Dichloropropane	0.47	U	0.47	U	N/A	N/A	0.47	U	N/A	N/A
1,3,5-Trimethylbenzene	1.24	U	1.24	U	N/A	N/A	1.24	U	N/A	N/A
1,3-Butadiene	0.29		2.32		N/A	N/A	0.31		N/A	N/A
1,3-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	0.61	U	N/A	N/A
1,3-Dichloropropane	0.47	U	0.47	U	N/A	N/A	0.47	U	N/A	N/A
1,4-Dichlorobenzene	0.61	U	0.61	U	N/A	N/A	0.61	U	N/A	N/A
2,2-Dichloropropane	0.47	U	0.47	U	N/A	N/A	0.47	U	N/A	N/A
Acetone	5.52		6.74		N/A	N/A	8.06		N/A	N/A
Acrylonitrile	0.72		0.35		N/A	N/A	1.10		N/A	N/A
Benzene	0.61		0.61		N/A	N/A	1.06		N/A	N/A
Bromobenzene	0.65	U	0.65	U	N/A	N/A	0.65	U	N/A	N/A
Bromodichloromethane	0.68	U	0.68	U	N/A	N/A	0.68	U	N/A	N/A
Bromoform	1.04	U	1.04	U	N/A	N/A	1.04	U	N/A	N/A
Bromomethane	0.39	U	0.39	U	N/A	N/A	0.39	U	N/A	N/A
Butyl Acrylate	1.32	U	1.32	U	N/A	N/A	1.32	U	N/A	N/A
Butylbenzene	1.39	U	1.39	U	N/A	N/A	1.39	U	N/A	N/A
Carbon Disulfide	0.35		0.31	U	N/A	N/A	0.31	U	N/A	N/A
Carbon Tetrachloride	0.76		0.83		N/A	N/A	0.76		N/A	N/A
Chlorobenzene	0.47	U	0.47	U	N/A	N/A	0.47	U	N/A	N/A
Chloroethane	0.27	U	0.27	U	N/A	N/A	0.27	U	N/A	N/A
Chloroform	0.49	U	0.49	U	N/A	N/A	0.94		N/A	N/A
Chloromethane	1.54		1.71		N/A	N/A	1.11		N/A	N/A
Chloroprene	0.91	U	1.90		N/A	N/A	1.76		N/A	N/A
cis-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	N/A	N/A
cis-1,3-Dichloropropene	1.15	U	1.15	U	N/A	N/A	1.15	U	N/A	N/A
Cumene	0.50	U	0.50	U	N/A	N/A	0.50	U	N/A	N/A
Cyclohexane	0.35	U	0.35	U	N/A	N/A	0.35	U	N/A	N/A
Dibromochloromethane	0.86	U	0.86	U	N/A	N/A	0.86	U	N/A	N/A
Dibromomethane	0.72	U	0.72	U	N/A	N/A	0.72	U	N/A	N/A
Ethyl Acrylate	1.03	U	1.03	U	N/A	N/A	1.03	U	N/A	N/A
Ethylbenzene	0.44	U	0.44	U	N/A	N/A	0.44	U	N/A	N/A
Freon 11	1.93		1.99		N/A	N/A	1.76		N/A	N/A
Freon 113	1.16		0.85		N/A	N/A	0.85		N/A	N/A
Freon 114	0.71	U	0.71	U	N/A	N/A	0.71	U	N/A	N/A
Freon 12	3.62		3.82		N/A	N/A	3.37		N/A	N/A

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	04/18/00 UG/M3		04/30/00 UG/M3		05/12/00 UG/M3		05/24/00 UG/M3		06/05/00 UG/M3		06/17/00 UG/M3		06/29/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hexachlorobutadiene	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	1.08	U	1.08	U	1.08	U
Hexane	N/A	N/A	N/A	N/A	N/A	N/A	2.21		1.78		0.36	U	0.36	U
m- and/or p-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	1.10		0.92		1.10		1.01	
Methyl Acetate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U	2.07	U	2.07	U	2.07	U
Methyl Ethyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	0.77		0.30	U	2.71		1.04	
Methyl Isobutyl Ketone	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U	1.03	U	1.03	U	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	N/A	N/A	N/A	N/A	N/A	N/A	4.12		0.36	U	0.76		2.37	
Methylcyclohexane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Methylene Chloride	N/A	N/A	N/A	N/A	N/A	N/A	7.44		7.51		2.35		2.84	
Naphthalene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
o-Xylene	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U	1.10	U	1.10	U	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
p-Isopropyltoluene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Propylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
sec-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Styrene	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U	1.08	U	1.08	U	1.29	
tert-Butylbenzene	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tetrachloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	0.69	U	0.69	U	0.69	U	0.69	U
Toluene	N/A	N/A	N/A	N/A	N/A	N/A	32.63		36.17		4.19		15.46	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U	0.40	U	0.40	U	0.40	U
trans-1,3-Dichloropropene	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U	2.29	U	2.29	U	2.29	U
Trichloroethylene	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U	0.54	U	0.54	U	0.54	U
Vinyl Chloride	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U	1.29		0.26	U	0.26	U

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	07/11/00 UG/M3		07/23/00 UG/M3		08/04/00 UG/M3		08/16/00 UG/M3		08/28/00 UG/M3		09/09/00 UG/M3		09/21/00 UG/M3	
Freon 22	N/A	N/A	N/A	N/A	13.29		6.54		11.11		N/A	N/A	5.04	
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	1.08	U
Hexane	0.89		0.36	U	1.39		1.39		2.31		N/A	N/A	0.68	
m- and/or p-Xylene	0.75		0.44	U	1.40		2.46		4.12		N/A	N/A	0.48	
Methyl Acetate	N/A	N/A	N/A	N/A	0.73		0.40		0.40		N/A	N/A	0.34	
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	N/A	N/A	2.07	U
Methyl Ethyl Ketone	2.29		0.30	U	1.76		0.30	U	0.30	U	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	1.03	U	1.03	U	N/A	N/A	1.03	U
Methyl Methacrylate	N/A	N/A	N/A	N/A	4.14	U	4.14	U	4.14	U	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	2.55		0.36	U	1.46		2.51		6.19		N/A	N/A	0.36	U
Methylcyclohexane	N/A	N/A	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	0.41	U
Methylene Chloride	6.04		5.54		0.67		1.09		5.72		N/A	N/A	0.77	
Naphthalene	N/A	N/A	N/A	N/A	2.65	U	2.65	U	2.65	U	N/A	N/A	2.65	U
o-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	0.52	U
o-Xylene	1.10	U	1.10	U	1.10	U	1.10	U	1.10	U	N/A	N/A	1.10	U
p-Chlorotoluene	N/A	N/A	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	0.52	U
p-Isopropyltoluene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Propylbenzene	N/A	N/A	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	1.24	U
sec-Butylbenzene	N/A	N/A	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	1.39	U
Styrene	1.08	U	1.08	U	1.08	U	1.08	U	1.08	U	N/A	N/A	1.08	U
tert-Butylbenzene	N/A	N/A	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	N/A	N/A	0.69	U
Toluene	6.51		2.44		3.50		5.44		10.66		N/A	N/A	6.32	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	2.29	U	2.29	U	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	0.26	U	0.26	U	0.77		N/A	N/A	0.26	U

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	10/03/00 UG/M3		10/15/00 UG/M3		10/27/00 UG/M3		11/08/00 UG/M3		11/20/00 UG/M3		12/02/00 UG/M3		12/14/00 UG/M3	
Freon 22	1.50		3.93		0.50		N/A	N/A	N/A	N/A	N/A	N/A	1.89	
Hexachlorobutadiene	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
Hexane	0.36	U	0.78		2.49		N/A	N/A	N/A	N/A	N/A	N/A	0.68	
m- and/or p-Xylene	0.48		0.96		2.68		N/A	N/A	N/A	N/A	N/A	N/A	0.61	
Methyl Acetate	0.31	U	0.43		0.52		N/A	N/A	N/A	N/A	N/A	N/A	0.46	
Methyl Butyl Ketone	2.07	U	2.07	U	2.07	U	N/A	N/A	N/A	N/A	N/A	N/A	2.07	U
Methyl Ethyl Ketone	0.30	U	0.30	U	0.30	U	N/A	N/A	N/A	N/A	N/A	N/A	0.30	U
Methyl Isobutyl Ketone	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A	N/A	N/A	1.03	U
Methyl Methacrylate	4.14	U	4.14	U	4.14	U	N/A	N/A	N/A	N/A	N/A	N/A	4.14	U
Methyl tert-Butyl Ether	0.36	U	0.36	U	7.32		N/A	N/A	N/A	N/A	N/A	N/A	0.36	U
Methylcyclohexane	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A	N/A	N/A	0.41	U
Methylene Chloride	1.33		1.30		0.39		N/A	N/A	N/A	N/A	N/A	N/A	0.88	
Naphthalene	2.65	U	2.65	U	2.65	U	N/A	N/A	N/A	N/A	N/A	N/A	2.65	U
o-Chlorotoluene	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
o-Xylene	1.10	U	1.10	U	1.10	U	N/A	N/A	N/A	N/A	N/A	N/A	1.10	U
p-Chlorotoluene	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A	N/A	N/A	0.52	U
p-Isopropyltoluene	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Propylbenzene	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A	N/A	N/A	1.24	U
sec-Butylbenzene	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A	N/A	N/A	1.39	U
Styrene	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A	N/A	N/A	1.08	U
tert-Butylbenzene	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A	N/A	N/A	0.55	U
Tetrachloroethylene	0.69	U	0.69	U	0.96		N/A	N/A	N/A	N/A	N/A	N/A	0.69	U
Toluene	1.41		3.73		12.83		N/A	N/A	N/A	N/A	N/A	N/A	3.12	
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A	N/A	N/A	0.40	U
trans-1,3-Dichloropropene	2.29	U	2.29	U	2.29	U	N/A	N/A	N/A	N/A	N/A	N/A	2.29	U
Trichloroethylene	0.54	U	0.54	U	0.54	U	N/A	N/A	N/A	N/A	N/A	N/A	0.54	U
Vinyl Chloride	0.26	U	0.26	U	0.26	U	N/A	N/A	N/A	N/A	N/A	N/A	0.26	U

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	12/27/00 UG/M3		01/07/01 UG/M3		01/19/01 UG/M3		01/31/01 UG/M3		02/12/01 UG/M3		02/24/01 UG/M3		03/08/01 UG/M3	
Freon 22	3.57		N/A	N/A	7.43		9.40		1.61		N/A	N/A	N/A	N/A
Hexachlorobutadiene	1.08	U	N/A	N/A	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A
Hexane	0.53		N/A	N/A	0.50		0.68		0.36	U	N/A	N/A	N/A	N/A
m- and/or p-Xylene	0.53		N/A	N/A	0.48		0.44	U	0.44	U	N/A	N/A	N/A	N/A
Methyl Acetate	0.31	U	N/A	N/A	0.31	U	0.31	U	0.31	U	N/A	N/A	N/A	N/A
Methyl Butyl Ketone	2.07	U	N/A	N/A	2.07	U	2.07	U	2.07	U	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	0.57		N/A	N/A	0.30	U	0.36		1.19		N/A	N/A	N/A	N/A
Methyl Isobutyl Ketone	1.03	U	N/A	N/A	1.03	U	1.03	U	1.03	U	N/A	N/A	N/A	N/A
Methyl Methacrylate	4.14	U	N/A	N/A	4.14	U	4.14	U	4.14	U	N/A	N/A	N/A	N/A
Methyl tert-Butyl Ether	0.36	U	N/A	N/A	0.55		0.36	U	0.36	U	N/A	N/A	N/A	N/A
Methylcyclohexane	0.41	U	N/A	N/A	0.41	U	0.41	U	0.41	U	N/A	N/A	N/A	N/A
Methylene Chloride	0.46		N/A	N/A	0.77		0.70		0.46		N/A	N/A	N/A	N/A
Naphthalene	2.65	U	N/A	N/A	2.65	U	2.65	U	2.65	U	N/A	N/A	N/A	N/A
o-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A
o-Xylene	1.10	U	N/A	N/A	1.10	U	1.10	U	1.10	U	N/A	N/A	N/A	N/A
p-Chlorotoluene	0.52	U	N/A	N/A	0.52	U	0.52	U	0.52	U	N/A	N/A	N/A	N/A
p-Isopropyltoluene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Propylbenzene	1.24	U	N/A	N/A	1.24	U	1.24	U	1.24	U	N/A	N/A	N/A	N/A
sec-Butylbenzene	1.39	U	N/A	N/A	1.39	U	1.39	U	1.39	U	N/A	N/A	N/A	N/A
Styrene	1.08	U	N/A	N/A	1.08	U	1.08	U	1.08	U	N/A	N/A	N/A	N/A
tert-Butylbenzene	0.55	U	N/A	N/A	0.55	U	0.55	U	0.55	U	N/A	N/A	N/A	N/A
Tetrachloroethylene	0.69	U	N/A	N/A	0.69	U	0.69	U	0.69	U	N/A	N/A	N/A	N/A
Toluene	1.45		N/A	N/A	2.59		1.94		1.26		N/A	N/A	N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	N/A	N/A	0.40	U	0.40	U	0.40	U	N/A	N/A	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	N/A	N/A	2.29	U	2.29	U	2.29	U	N/A	N/A	N/A	N/A
Trichloroethylene	0.54	U	N/A	N/A	0.54	U	0.54	U	0.54	U	N/A	N/A	N/A	N/A
Vinyl Chloride	0.26	U	N/A	N/A	0.26	U	0.26	U	0.26	U	N/A	N/A	N/A	N/A

Table A13 . Analytical Data
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

	03/20/01 UG/M3		04/01/01 UG/M3		04/13/01 UG/M3		04/25/01 UG/M3		04/28/01 UG/M3	
Freon 22	10.22		24.08		N/A	N/A	140.07		N/A	N/A
Hexachlorobutadiene	1.08	U	1.08	U	N/A	N/A	1.08	U	N/A	N/A
Hexane	0.46		0.43		N/A	N/A	1.03		N/A	N/A
m- and/or p-Xylene	0.53		0.44	U	N/A	N/A	0.92		N/A	N/A
Methyl Acetate	0.31	U	0.31	U	N/A	N/A	0.31	U	N/A	N/A
Methyl Butyl Ketone	2.07	U	2.07	U	N/A	N/A	2.07	U	N/A	N/A
Methyl Ethyl Ketone	0.30	U	0.30	U	N/A	N/A	1.16		N/A	N/A
Methyl Isobutyl Ketone	1.03	U	1.03	U	N/A	N/A	1.03	U	N/A	N/A
Methyl Methacrylate	4.14	U	4.14	U	N/A	N/A	4.14	U	N/A	N/A
Methyl tert-Butyl Ether	0.36	U	0.36	U	N/A	N/A	1.46		N/A	N/A
Methylcyclohexane	0.41	U	0.41	U	N/A	N/A	0.41	U	N/A	N/A
Methylene Chloride	2.74		0.77		N/A	N/A	0.88		N/A	N/A
Naphthalene	2.65	U	2.65	U	N/A	N/A	2.65	U	N/A	N/A
o-Chlorotoluene	0.52	U	0.52	U	N/A	N/A	0.52	U	N/A	N/A
o-Xylene	1.10	U	1.10	U	N/A	N/A	1.10	U	N/A	N/A
p-Chlorotoluene	0.52	U	0.52	U	N/A	N/A	0.52	U	N/A	N/A
p-Isopropyltoluene	1.39	U	1.39	U	N/A	N/A	1.39	U	N/A	N/A
Propylbenzene	1.24	U	1.24	U	N/A	N/A	1.24	U	N/A	N/A
sec-Butylbenzene	1.39	U	1.39	U	N/A	N/A	1.39	U	N/A	N/A
Styrene	1.08	U	1.08	U	N/A	N/A	1.08	U	N/A	N/A
tert-Butylbenzene	0.55	U	0.55	U	N/A	N/A	0.55	U	N/A	N/A
Tetrachloroethylene	0.69	U	0.69	U	N/A	N/A	0.96		N/A	N/A
Toluene	1.07		1.90		N/A	N/A	5.14		N/A	N/A
Toluene-d8 (SMC)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
trans-1,2-Dichloroethene	0.40	U	0.40	U	N/A	N/A	0.40	U	N/A	N/A
trans-1,3-Dichloropropene	2.29	U	2.29	U	N/A	N/A	2.29	U	N/A	N/A
Trichloroethylene	0.54	U	0.54	U	N/A	N/A	0.54	U	N/A	N/A
Vinyl Chloride	0.26	U	0.26	U	N/A	N/A	0.26	U	N/A	N/A

APPENDIX B

Sampling Events

Table B1. Number of Samples
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	82	1	1				78	2			
2	04/30/00	119			1			78	9			31
3	05/12/00	189	1	1	1	67	3	78	7			31
4	05/24/00	150	1	1	1	67	2	78				
5	06/05/00	74	1	1	1	67	4					
6	06/17/00	102	1	1	1	67	1					31
7	06/29/00	188	1	1		67	2	78	8			31
8	07/11/00	186	1	1	1	67	2	78	5			31
9	07/23/00	No Samples Taken										
10	08/04/00	183			1	67	3	78	3			31
11	08/16/00	186			1	67	3	78	6			31
12	08/28/00	246	1	1	1	67	1	78	2	34	30	31
13	09/09/00	184	1	1	1	67	2	78	3			31
14	09/21/00	183	1	1	1	67	2	78	2			31
15	10/03/00	188	1	1	1	67	3	78	6			31
16	10/15/00	184	1	1	1	67	2	78	3			31
17	10/27/00	185	1	1	1	67	4	78	2			31
18	11/08/00	183	1	1	1	67	1	78	3			31
19	11/20/00	183	1	1	1	67	1	78	3			31
20	12/02/00	183	1	1	1	67	1	78	3			31
21	12/14/00	184	1	1	1	67	2	78	3			31
22	12/26/00	183	1	1	1	67	2	78	2			31
23	01/07/01	188	1	1	1	67	3	78	6			31
24	01/19/01	111			1			78	1			31
25	01/31/01	185	1	1	1	67	2	78	4			31
26	02/12/01	83						78	5			
27	02/24/01	180	1	1	1	67	1	78	0			31
28	03/08/01	154	1	1	1	67	1	78	5			
29	03/20/01	183	1	1	1	67	1	78	3			31
30	04/01/01	81						78	3			
31	04/13/01	184	1	1	1	67	1	78	4			31
32	04/25/01	99	1	1	1	67	1					28
33	04/28/01	78						78				
	Total	5071	25	25	27	1742	51	2262	103	34	30	772
	# Events		25	25	27	26	26	29	27	1	1	25

Table B2. Number of Samples
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	78						78				
2	04/30/00	82						78	4			
3	05/12/00	181	1	1		67	3	78				31
4	05/24/00	151	1	1	1	67	3	78				
5	06/05/00	182	1	1	1	67	3	78				31
6	06/17/00	181	1	1	1	67	2	78				31
7	06/29/00	159	1	1		67	9	78	3			
8	07/11/00	186	1	1	1	67	4	78	3			31
9	07/23/00	178			1	67	1	78				31
10	08/04/00	155	1	1	1	67	3	78	4			
11	08/16/00	186			1	67	2	78	7			31
12	08/28/00	244	1	1	1	67	1	78		34	30	31
13	09/09/00	187	1	1	1	67	2	78	6			31
14	09/21/00	181	1	1	1	67	2	78				31
15	10/03/00	184	1	1	1	67	1	78	4			31
16	10/15/00	186	1	1	1	67	3	78	4			31
17	10/27/00	183	1	1	1	67	1	78	3			31
18	11/08/00	184	1	1	1	67	1	78	4			31
19	11/20/00	183	1	1	1	67		78	4			31
20	12/02/00	184	1	1	1	67	1	78	4			31
21	12/14/00	182	1	1	1	67	1	78	2			31
22	12/26/00	187	1	1	1	67	3	78	5			31
23	01/07/01	183	1	1	1	67	2	78	2			31
24	01/19/01	186	1	1	1	67	2	78	5			31
25	01/31/01	181	1	1	1	67		78	2			31
26	02/12/01	183	1	1	1	67	1	78	3			31
27	02/24/01	180	1	1	1	67	1	78				31
28	03/08/01	180	1	1	1	67	1	78				31
29	03/20/01	181	1	1	1	67	1	78	1			31
30	04/01/01	182	1	1	1	67	1	78	2			31
31	04/13/01	186	1	1	1	67	1	78	6			31
32	04/25/01	99	1	1	1	67	1					28
33	04/28/01	84						78	6			
	Total	5629	28	28	28	2010	57	2496	84	34	30	834
	# Events		28	28	28	30	28	32	22	1	1	27

Table B3. Number of Samples
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	80						78	2			
2	04/30/00	83						78	5			
3	05/12/00	193	1	1	1	67	3	78	11			31
4	05/24/00	78						78				
5	06/05/00	74	1	1	1	67	4					
6	06/17/00	182	1	1	1	67	3	78				31
7	06/29/00	189	1	1		67	8	78	3			31
8	07/11/00	188	1	1	1	67	5	78	4			31
9	07/23/00	119	1	1	1			78	7			31
10	08/04/00	154			1	67	4	78	4			
11	08/16/00	186			1	67	1	78	8			31
12	08/28/00	248	1	1	1	67	2	78	3	34	30	31
13	09/09/00	104	1	1	1	67	3					31
14	09/21/00	185	1	1	1	67	1	78	5			31
15	10/03/00	185	1	1	1	67	2	78	4			31
16	10/15/00	114			1			78	4			31
17	10/27/00	184	1	1	1	67	2	78	3			31
18	11/08/00	82						78	4			
19	11/20/00	184	1	1	1	67		78	5			31
20	12/02/00	184	1	1	1	67	1	78	4			31
21	12/14/00	182	1	1	1	67	1	78	2			31
22	12/26/00	180	1	1	1	67	1	78				31
23	01/07/01	183	1	1	1	67	2	78	2			31
24	01/19/01	185	1	1	1	67	1	78	5			31
25	01/31/01	150	1	1	1	67		78	2			
26	02/12/01	183	1	1	1	67	1	78	3			31
27	02/24/01	181	1	1	1	67	1	78	1			31
28	03/08/01	183	1	1	1	67	1	78	3			31
29	03/20/01	181	1	1	1	67	1	78	1			31
30	04/01/01	182	1	1	1	67	1	78	2			31
31	04/13/01	115						78	6			31
32	04/25/01	98			1	67	2					28
33	04/28/01	84						78	6			
	Total	5083	23	23	26	1675	51	2340	109	34	30	772
	# Events		23	23	26	25	23	30	27	1	1	25

Table B4. Number of Samples
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	79						78	1			
2	04/30/00	82						78	4			
3	05/12/00	179	1	1	1	67		78				31
4	05/24/00	150	1	1	1	67	2	78				
5	06/05/00	179			1	67	2	78				31
6	06/17/00	183	1	1	1	67	4	78				31
7	06/29/00	184	1	1		67	5	78	1			31
8	07/11/00	185	1	1	1	67	2	78	4			31
9	07/23/00	181	1	1	1	67		78	2			31
10	08/04/00	185	1	1	1	67	4	78	2			31
11	08/16/00	181	1	1	1	67	2	78				31
12	08/28/00	247	1	1	1	67	1	78	3	34	30	31
13	09/09/00	185	1	1	1	67	3	78	3			31
14	09/21/00	184	1	1	1	67	1	78	4			31
15	10/03/00	185	1	1	1	67	4	78	2			31
16	10/15/00	182	1	1	1	67	1	78	2			31
17	10/27/00	182	1	1	1	67	1	78	2			31
18	11/08/00	185	1	1	1	67	2	78	4			31
19	11/20/00	184	1	1	1	67	2	78	3			31
20	12/02/00	186	1	1	1	67		78	7			31
21	12/14/00	182	1	1	1	67	1	78	2			31
22	12/26/00	183	1	1	1	67	1	78	3			31
23	01/07/01	183	1	1	1	67	1	78	3			31
24	01/19/01	183	1	1	1	67	2	78	2			31
25	01/31/01	179	1	1	1	67		78				31
26	02/12/01	182	1	1	1	67	1	78	2			31
27	02/24/01	182	1	1	1	67	1	78	2			31
28	03/08/01	180	1	1	1	67	1	78				31
29	03/20/01	184	1	1	1	67	1	78	4			31
30	04/01/01	181	1	1	1	67	1	78	1			31
31	04/13/01	181	1	1	1	67		78	2			31
32	04/25/01	99	1	1	1	67	1					28
33	04/28/01	80						78	2			
	Total	5667	29	29	29	2010	47	2496	67	34	30	896
	# Events		29	29	29	30	25	32	25	1	1	29

Table B5. Number of Samples
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	79						78	1			
2	04/30/00	80						78	2			
3	05/12/00	181	1	1	1	67	2	78				31
4	05/24/00	149	1	1	1	67	1	78				
5	06/05/00	103	1	1	1	67	2					31
6	06/17/00	181	1	1	1	67	2	78				31
7	06/29/00	89	1	1				78	9			
8	07/11/00	183	1	1	1	67	2	78	2			31
9	07/23/00	182	1	1	1	67	2	78	1			31
10	08/04/00	181	1	1	1	67	2	78				31
11	08/16/00	188	1	1	1	67	2	78	7			31
12	08/28/00	247	1	1	1	67	1	78	3	34	30	31
13	09/09/00	188	1	1	1	67	4	78	5			31
14	09/21/00	182	1	1	1	67	1	78	2			31
15	10/03/00	188	1	1	1	67	6	78	3			31
16	10/15/00	79			1			78				
17	10/27/00	157	1	1	1	67	3	78	6			
18	11/08/00	183	1	1	1	67	1	78	3			31
19	11/20/00	184	1	1	1	67	1	78	4			31
20	12/02/00	184	1	1	1	67	2	78	3			31
21	12/14/00	183	1	1	1	67	1	78	3			31
22	12/26/00	186	1	1	1	67	4	78	3			31
23	01/07/01	184	1	1	1	67	1	78	4			31
24	01/19/01	183	1	1	1	67	1	78	3			31
25	01/31/01	181	1	1	1	67	1	78	1			31
26	02/12/01	182	1	1	1	67	1	78	2			31
27	02/24/01	180	1	1	1	67	1	78				31
28	03/08/01	180	1	1	1	67	1	78				31
29	03/20/01	181	1	1	1	67	1	78	1			31
30	04/01/01	181	1	1	1	67	1	78	1			31
31	04/13/01	182	1	1	1	67	1	78	2			31
32	04/25/01	99	1	1	1	67	1					28
33	04/28/01	80						78	2			
	Total	5370	29	29	29	1876	49	2418	73	34	30	803
	# Events		29	29	29	28	28	31	24	1	1	26

Table B6. Number of Samples
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	79						78	1			
2	04/30/00	80						78	2			
3	05/12/00	182	1	1	1	67	3	78				31
4	05/24/00	154	1	1		67	7	78				
5	06/05/00	181	1	1	1	67	2	78				31
6	06/17/00	181	1	1	1	67	2	78				31
7	06/29/00	154	1	1		67	6	78	1			
8	07/11/00	156	1	1	1	67	5	78	3			
9	07/23/00	187	1	1	1	67	2	78	6			31
10	08/04/00	145				67		78				
11	08/16/00	145				67		78				
12	08/28/00	245	1	1	1	67	1	78	1	34	30	31
13	09/09/00	182	1	1	1	67	2	78	1			31
14	09/21/00	182	1	1	1	67	3	78				31
15	10/03/00	185	1	1	1	67	6	78				31
16	10/15/00	185	1	1	1	67	2	78	4			31
17	10/27/00	182	1	1	1	67		78	3			31
18	11/08/00	181	1	1	1	67		78	2			31
19	11/20/00	184	1	1	1	67	3	78	2			31
20	12/02/00	182	1	1	1	67	1	78	2			31
21	12/14/00	181	1	1	1	67	1	78	1			31
22	12/26/00	181	1	1	1	67	1	78	1			31
23	01/07/01	182	1	1	1	67	1	78	2			31
24	01/19/01	181	1	1	1	67	2	78				31
25	01/31/01	181	1	1	1	67	1	78	1			31
26	02/12/01	180	1	1	1	67		78	1			31
27	02/24/01	180	1	1	1	67	1	78				31
28	03/08/01	180	1	1	1	67	1	78				31
29	03/20/01	180	1	1	1	67	1	78				31
30	04/01/01	179	1	1	1	67		78				31
31	04/13/01	183	1	1	1	67	1	78	3			31
32	04/25/01	97			1	67	1					28
33	04/28/01	78						78				
	Total	5515	27	27	26	2010	56	2496	37	34	30	772
	# Events		27	27	26	30	24	32	18	1	1	25

Table B7. Number of Samples
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

Number of Samples

			Classicals/Nutrients		Extractables			Volatiles		Pesticides/PCBs		Metals
#	Date	Total	HCl	HF	Form	SVOC	Misc SVOC	VOC	Misc VOC	Pesticides	PCBs	Metals
1	04/18/00	80	1	1				78				
2	04/30/00	178	1	1		67		78				31
3	05/12/00	182	1	1	1	67	3	78				31
4	05/24/00	153	1	1	1	67	5	78				
5	06/05/00	179	1	1	1	67		78				31
6	06/17/00	181	1	1	1	67	2	78				31
7	06/29/00	181	1	1		67	3	78				31
8	07/11/00	183	1	1	1	67	3	78	1			31
9	07/23/00	178				67	2	78				31
10	08/04/00	145				67		78				
11	08/16/00	152	1	1	1	67	3	78	1			
12	08/28/00	111			1			78	1			31
13	09/09/00	181	1	1	1	67	2	78				31
14	09/21/00	180	1	1	1	67	1	78				31
15	10/03/00	180	1	1	1	67	1	78				31
16	10/15/00	179	1	1	1	67		78				31
17	10/27/00	180	1	1	1	67		78	1			31
18	11/08/00	184	1	1	1	67	1	78	4			31
19	11/20/00	151	1	1	1	67	1	78	2			
20	12/02/00	180	1	1	1	67		78	1			31
21	12/14/00	180	1	1	1	67	1	78				31
22	12/26/00	182	1	1	1	67	2	78	1			31
23	01/07/01	180	1	1	1	67	1	78				31
24	01/19/01	181	1	1	1	67	1	78	1			31
25	01/31/01	180	1	1	1	67		78	1			31
26	02/12/01	110			1			78				31
27	02/24/01	180	1	1	1	67	1	78				31
28	03/08/01	148	1	1	1	67		78				
29	03/20/01	180	1	1	1	67	1	78				31
30	04/01/01	179	1	1	1	67		78				31
31	04/13/01	181	1	1	1	67	1	78	1			31
32	04/25/01	99	1	1	1	67	1					28
33	04/28/01	78						78				
	Total	5376	28	28	27	1943	36	2496	15			803
	# Events		28	28	27	29	20	32	11	0	0	26

Table B8. Number of Samples
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00	38	
3	05/12/00		
4	05/24/00	51	
5	06/05/00		
6	06/17/00	51	
7	06/29/00	51	
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00		
11	08/16/00		
12	08/28/00	79	
13	09/09/00		
14	09/21/00	79	
15	10/03/00	79	
16	10/15/00	79	
17	10/27/00	79	
18	11/08/00	79	
19	11/20/00	79	
20	12/02/00	79	
21	12/14/00		
22	12/27/00		
23	01/07/01		
24	01/19/01		
25	01/31/01		
26	02/12/01		
27	02/24/01		
28	03/08/01		
29	03/20/01		
30	04/01/01		
31	04/13/01		
32	04/25/01		
	Total	925	
	# Events	14	

Table B9. Number of Samples
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00		
3	05/12/00		
4	05/24/00		
5	06/05/00		
6	06/17/00		
7	06/29/00	50	
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00		
11	08/16/00	79	
12	08/28/00	79	
13	09/09/00		
14	09/21/00	79	
15	10/03/00	79	
16	10/15/00		
17	10/27/00	79	
18	11/08/00		
19	11/20/00		
20	12/02/00		
21	12/14/00	79	
22	12/27/00	79	
23	01/07/01		
24	01/19/01	79	
25	01/31/01	79	
26	02/12/01	79	
27	02/24/01	79	
28	03/08/01	79	
29	03/20/01	79	
30	04/01/01	79	
31	04/13/01	79	
32	04/25/01	79	
	Total	1416	
	# Events	19	

Table B10. Number of Samples
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00		
3	05/12/00		
4	05/24/00	51	
5	06/05/00	51	
6	06/17/00		
7	06/29/00	50	
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00	79	
11	08/16/00	79	
12	08/28/00	79	
13	09/09/00		
14	09/21/00		
15	10/03/00	79	
16	10/15/00		
17	10/27/00		
18	11/08/00		
19	11/20/00		
20	12/02/00		
21	12/14/00	79	
22	12/27/00		
23	01/07/01		
24	01/19/01		
25	01/31/01		
26	02/12/01		
27	02/24/01		
28	03/08/01		
29	03/20/01		
30	04/01/01	79	
31	04/13/01		
32	04/25/01		
	Total	728	
	# Events	11	

Table B11. Number of Samples
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00		
3	05/12/00		
4	05/24/00		
5	06/05/00		
6	06/17/00	51	
7	06/29/00		
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00	79	
11	08/16/00	79	
12	08/28/00	79	
13	09/09/00		
14	09/21/00	79	
15	10/03/00	79	
16	10/15/00		
17	10/27/00	79	
18	11/08/00		
19	11/20/00		
20	12/02/00		
21	12/14/00	79	
22	12/27/00	79	
23	01/07/01		
24	01/19/01	79	
25	01/31/01	79	
26	02/12/01		
27	02/24/01		
28	03/08/01		
29	03/20/01	79	
30	04/01/01		
31	04/13/01	79	
32	04/25/01		
	Total	1101	
	# Events	15	

Table B12. Number of Samples
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00		
3	05/12/00		
4	05/24/00		
5	06/05/00		
6	06/17/00	51	
7	06/29/00	51	
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00	79	
11	08/16/00	79	
12	08/28/00		
13	09/09/00		
14	09/21/00	79	
15	10/03/00	79	
16	10/15/00		
17	10/27/00	79	
18	11/08/00	79	
19	11/20/00		
20	12/02/00		
21	12/14/00	79	
22	12/27/00	79	
23	01/07/01		
24	01/19/01	79	
25	01/31/01		
26	02/12/01		
27	02/24/01	79	
28	03/08/01	79	
29	03/20/01	79	
30	04/01/01		
31	04/13/01	79	
32	04/25/01	79	
	Total	1310	
	# Events	18	

Table B13. Number of Samples
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

Number of Samples

		Volatiles	
#	Date	VOC	Misc VOC
1	04/18/00		
2	04/30/00		
3	05/12/00		
4	05/24/00	51	
5	06/05/00	51	
6	06/17/00	51	
7	06/29/00	51	
8	07/11/00	51	
9	07/23/00	51	
10	08/04/00	79	
11	08/16/00	79	
12	08/28/00	79	
13	09/09/00		
14	09/21/00	79	
15	10/03/00	79	
16	10/15/00	79	
17	10/27/00	79	
18	11/08/00		
19	11/20/00		
20	12/02/00		
21	12/14/00	79	
22	12/27/00	79	
23	01/07/01		
24	01/19/01	79	
25	01/31/01	79	
26	02/12/01	79	
27	02/24/01		
28	03/08/01		
29	03/20/01	79	
30	04/01/01	79	
31	04/13/01		
32	04/25/01	79	
	Total	1491	
	# Events	21	

APPENDIX C

Data Summaries

In the following tables the term RME represents the value chosen as the 95% UCL (calculated 95% UCL or maximum). In the text the term 95% UCL is used.

Table C1. Data Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
HCL (CALCULATED FROM CL)	7647010	0.51	0.51	1 / 24	0.6 to 1.3	3.88E-01	1.29E-01	4.31E-01	LN	0.315	4.2%	4.31E-01	UCL
FORMALDEHYDE	50000	12	0.59	23 / 23	NA to NA	2.48E+00	2.50E+00	3.53E+00	LN	1.3	100.0%	3.53E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.025	0.0045	12 / 26	0.032 to 0.076	1.47E-02	7.45E-03	1.88E-02	LN	0.01625	46.2%	1.88E-02	UCL
1,1-BIPHENYL	92524	0.025	0.0038	24 / 26	0.032 to 0.034	1.08E-02	5.65E-03	1.33E-02	LN	0.0093	92.3%	1.33E-02	UCL
2-METHYL-4,6-DINITROPHENOL	534521	0.012	0.0085	2 / 26	0.035 to 0.15	3.54E-02	1.24E-02	4.23E-02	LN	0.03575	7.7%	1.20E-02	MAX
2-METHYLNAPHTHALENE	91576	0.2	0.018	26 / 26	NA to NA	7.84E-02	4.90E-02	1.04E-01	LN	0.0595	100.0%	1.04E-01	UCL
2-METHYLPHENOL	95487	0.019	0.0034	9 / 26	0.032 to 0.076	1.56E-02	7.92E-03	2.12E-02	LN	0.01725	34.6%	1.90E-02	MAX
2-NITROPHENOL	88755	0.05	0.0037	7 / 26	0.032 to 0.076	2.09E-02	1.03E-02	2.57E-02	LN	0.018	26.9%	2.57E-02	UCL
4-NITROPHENOL	106445	0.041	0.01	3 / 26	0.035 to 0.15	3.58E-02	1.20E-02	4.16E-02	LN	0.03575	11.5%	4.10E-02	MAX
ACENAPHTHENE	83329	0.048	0.0034	22 / 26	0.032 to 0.037	1.71E-02	1.07E-02	2.28E-02	LN	0.015	84.6%	2.28E-02	UCL
ACENAPHTHYLENE	208968	0.0074	0.0074	1 / 26	0.032 to 0.076	1.86E-02	5.10E-03	2.04E-02	LN	0.018	3.8%	7.40E-03	MAX
ACETOPHENONE	98862	0.14	0.0093	4 / 26	0.031 to 0.076	2.76E-02	2.92E-02	3.27E-02	LN	0.01825	15.4%	3.27E-02	UCL
BENZALDEHYDE	100527	0.13	0.13	1 / 26	0.031 to 0.076	2.32E-02	2.23E-02	2.57E-02	LN	0.018	3.8%	2.57E-02	UCL
BENZO(B)FLUORANTHENE	205992	0.0044	0.0044	1 / 26	0.031 to 0.076	1.83E-02	5.42E-03	2.10E-02	LN	0.018	3.8%	4.40E-03	MAX
DIBENZOFURAN	132649	0.049	0.0046	24 / 26	0.032 to 0.034	1.67E-02	1.12E-02	2.25E-02	LN	0.0145	92.3%	2.25E-02	UCL
FLUORANTHENE	206440	0.025	0.0036	19 / 26	0.032 to 0.038	1.16E-02	5.95E-03	1.47E-02	LN	0.0094	73.1%	1.47E-02	UCL
FLUORENE	86737	0.037	0.0035	23 / 26	0.032 to 0.037	1.29E-02	8.18E-03	1.69E-02	LN	0.0099	88.5%	1.69E-02	UCL
NAPHTHALENE	91203	0.44	0.036	26 / 26	NA to NA	1.57E-01	9.30E-02	1.88E-01	N	0.135	100.0%	1.88E-01	UCL
PENTACHLOROPHENOL	87865	0.038	0.038	1 / 26	0.035 to 0.15	3.73E-02	1.01E-02	4.06E-02	LN	0.03625	3.8%	3.80E-02	MAX
PHENANTHRENE	85018	0.097	0.0074	23 / 26	0.032 to 0.036	2.87E-02	1.98E-02	3.70E-02	LN	0.022	88.5%	3.70E-02	UCL
PHENOL	108952	0.1	0.0053	15 / 26	0.032 to 0.076	2.71E-02	2.13E-02	3.45E-02	LN	0.01825	57.7%	3.45E-02	UCL
PYRENE	129000	0.014	0.0038	13 / 26	0.032 to 0.076	1.30E-02	7.81E-03	1.75E-02	LN	0.015	50.0%	1.40E-02	MAX
(M- AND/OR P-)XYLENE	108383	15	0.41	29 / 29	NA to NA	3.26E+00	2.82E+00	4.37E+00	LN	2.6	100.0%	4.37E+00	UCL
1,1,1-TRICHLOROETHANE	71556	8.6	0.22	15 / 29	1.1 to 2.5	8.00E-01	1.52E+00	8.94E-01	LN	0.55	51.7%	8.94E-01	UCL
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	0.91	0.38	28 / 28	NA to NA	6.22E-01	1.32E-01	6.64E-01	N	0.605	100.0%	6.64E-01	UCL
1,1,2-TRICHLOROETHANE	79005	0.42	0.34	2 / 29	1.2 to 2.5	7.57E-01	1.86E-01	8.31E-01	LN	0.7	6.9%	4.20E-01	MAX
1,2,4-TRIMETHYLBENZENE	95636	3	0.31	28 / 29	1 to 1	8.81E-01	6.44E-01	1.10E+00	LN	0.72	96.6%	1.10E+00	UCL
1,3,5-TRIMETHYLBENZENE	108678	4.9	0.31	7 / 29	0.98 to 1.5	7.29E-01	8.13E-01	8.05E-01	LN	0.55	24.1%	8.05E-01	UCL
1,3-BUTADIENE	106990	4.9	0.22	16 / 29	0.4 to 2.5	7.53E-01	9.89E-01	1.01E+00	LN	0.33	55.2%	1.01E+00	UCL
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	31	0.25	17 / 28	0.83 to 1.2	3.12E+00	5.81E+00	5.54E+00	LN	1.1	60.7%	5.54E+00	UCL
ACETONE	67641	80	4.2	23 / 28	20 to 60	2.28E+01	1.83E+01	3.24E+01	LN	17.5	82.1%	3.24E+01	UCL
ACRYLONITRILE	107131	0.32	0.32	1 / 28	0.42 to 17	2.20E+00	1.82E+00	4.13E+00	LN	1.95	3.6%	3.20E-01	MAX
BENZENE	71432	10	0.66	29 / 29	NA to NA	2.11E+00	1.72E+00	2.50E+00	LN	1.8	100.0%	2.50E+00	UCL
CARBON TETRACHLORIDE	56235	0.97	0.43	28 / 29	2.5 to 2.5	6.55E-01	1.68E-01	7.07E-01	LN	0.62	96.6%	7.07E-01	UCL
CHLORODIFLUOROMETHANE	75456	77	1.2	28 / 28	NA to NA	1.51E+01	1.89E+01	3.06E+01	LN	8.75	100.0%	3.06E+01	UCL
CHLOROFORM	67663	1.4	0.27	15 / 29	0.98 to 2.5	6.07E-01	2.51E-01	6.88E-01	LN	0.55	51.7%	6.88E-01	UCL
CHLOROMETHANE	74873	2.4	0.62	28 / 29	2.5 to 2.5	1.25E+00	3.73E-01	1.38E+00	LN	1.1	96.6%	1.38E+00	UCL
CYCLOHEXANE	110827	3.9	0.26	12 / 28	0.78 to 6.1	1.62E+00	1.22E+00	2.68E+00	LN	1.4	42.9%	2.68E+00	UCL
DICHLORODIFLUOROMETHANE	75718	22	2	27 / 28	1.1 to 1.1	3.73E+00	3.70E+00	4.47E+00	LN	3	96.4%	4.47E+00	UCL
ETHYL ACRYLATE	140885	1.7	1.7	1 / 28	0.78 to 6.1	1.69E+00	1.22E+00	2.79E+00	LN	1.9	3.6%	1.70E+00	MAX
ETHYL BENZENE	100414	5.3	0.28	28 / 29	1 to 1	1.03E+00	9.73E-01	1.29E+00	LN	0.75	96.6%	1.29E+00	UCL
HEXANE	110543	62	0.87	27 / 28	0.83 to 0.83	7.02E+00	1.16E+01	1.11E+01	LN	4.1	96.4%	1.11E+01	UCL
ISOPROPYLBENZENE	98828	0.51	0.41	2 / 29	0.98 to 2.5	6.38E-01	1.59E-01	6.86E-01	LN	0.55	6.9%	5.10E-01	MAX
METHYL ACETATE	79209	2.8	0.2	6 / 28	0.62 to 0.92	6.06E-01	6.68E-01	7.15E-01	LN	0.425	21.4%	7.15E-01	UCL
METHYL ETHYL KETONE	78933	36	0.89	24 / 28	3.3 to 9.5	6.60E+00	7.86E+00	1.01E+01	LN	3.6	85.7%	1.01E+01	UCL
METHYL ISOBUTYL KETONE	108101	7	0.43	10 / 28	3.9 to 6.1	2.30E+00	1.22E+00	2.96E+00	LN	2.175	35.7%	2.96E+00	UCL
METHYL METHACRYLATE	80626	18	0.33	8 / 28	0.78 to 5.6	1.49E+00	3.31E+00	1.68E+00	LN	0.6	28.6%	1.68E+00	UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	14	0.28	28 / 28	NA to NA	3.00E+00	3.15E+00	4.70E+00	LN	2	100.0%	4.70E+00	UCL
METHYLCYCLOHEXANE	108872	7.5	0.21	17 / 28	0.87 to 5.6	1.01E+00	1.40E+00	1.25E+00	LN	0.6	60.7%	1.25E+00	UCL
METHYLENE CHLORIDE	75092	1.2	0.21	20 / 29	0.62 to 2.5	5.14E-01	2.73E-01	5.98E-01	LN	0.445	69.0%	5.98E-01	UCL

Table C1. Data Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
N-PROPYLBENZENE	103651	0.52	0.22	7 / 29	1 to 2.5	5.96E-01	1.99E-01	6.80E-01	LN	0.55	24.1%	5.20E-01	MAX
O-XYLENE	95476	3.9	0.28	28 / 29	5.2 to 5.2	1.04E+00	7.98E-01	1.32E+00	LN	0.78	96.6%	1.32E+00	UCL
STYRENE	100425	1.5	0.23	6 / 29	0.78 to 70	2.76E+00	6.31E+00	4.22E+00	LN	1.5	20.7%	1.50E+00	MAX
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	0.6	0.22	7 / 29	1.5 to 2.5	7.92E-01	2.73E-01	9.42E-01	LN	0.75	24.1%	6.00E-01	MAX
TOLUENE	108883	64	1.5	29 / 29	NA to NA	1.46E+01	1.64E+01	2.29E+01	LN	8.7	100.0%	2.29E+01	UCL
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	2.4	0.23	2 / 29	0.98 to 9.4	2.04E+00	1.61E+00	3.48E+00	LN	1.25	6.9%	2.40E+00	MAX
TRICHLOROFLUOROMETHANE (FREON 11)	75694	2.6	0.9	28 / 29	2.5 to 2.5	1.63E+00	4.24E-01	1.77E+00	N	1.6	96.6%	1.77E+00	UCL
VINYL CHLORIDE	75014	1	1	1 / 29	0.59 to 2.5	4.36E-01	2.03E-01	4.82E-01	LN	0.43	3.4%	4.82E-01	UCL
ALUMINUM	7429905	4.7	0.12	22 / 24	0.32 to 0.61	9.74E-01	1.36E+00	1.60E+00	LN	0.36	91.7%	1.60E+00	UCL
ANTIMONY	7440360	0.026	0.00041	13 / 24	3E-04 to 0.013	5.59E-03	6.46E-03	1.53E-02	LN	0.003175	54.2%	1.53E-02	UCL
ARSENIC	7440382	0.0033	0.00049	24 / 24	NA to NA	1.59E-03	8.02E-04	1.87E-03	N	0.0014	100.0%	1.87E-03	UCL
BARIUM	7440393	0.035	0.0047	24 / 24	NA to NA	1.45E-02	7.46E-03	1.78E-02	LN	0.013	100.0%	1.78E-02	UCL
BERYLLIUM	7440417	0.000072	0.000015	11 / 24	1E-05 to 2E-04	3.72E-05	2.59E-05	5.72E-05	LN	0.0000285	45.8%	5.72E-05	UCL
CADMIUM	7440439	0.0013	0.00018	11 / 24	2E-04 to 0.002	4.66E-04	3.35E-04	6.58E-04	LN	0.000345	45.8%	6.58E-04	UCL
CALCIUM	7440702	20	1	24 / 24	NA to NA	4.85E+00	4.15E+00	6.58E+00	LN	3.35	100.0%	6.58E+00	UCL
CHROMIUM	18540299	0.0076	0.0025	24 / 24	NA to NA	4.17E-03	1.35E-03	4.66E-03	LN	0.0038	100.0%	4.66E-03	UCL
COPPER	7440508	0.91	0.083	24 / 24	NA to NA	3.70E-01	1.73E-01	4.31E-01	N	0.36	100.0%	4.31E-01	UCL
IRON	7439896	2	0.21	24 / 24	NA to NA	6.35E-01	3.99E-01	7.94E-01	LN	0.495	100.0%	7.94E-01	UCL
LEAD	7439921	0.033	0.0063	12 / 24	0.006 to 0.029	9.84E-03	6.75E-03	1.29E-02	LN	0.00835	50.0%	1.29E-02	UCL
MAGNESIUM	7439954	1.1	0.18	21 / 24	0.14 to 0.14	4.32E-01	2.37E-01	5.15E-01	N	0.455	87.5%	5.15E-01	UCL
MANGANESE	7439965	0.05	0.0045	24 / 24	NA to NA	1.78E-02	1.03E-02	2.33E-02	LN	0.015	100.0%	2.33E-02	UCL
MOLYBDENUM	7439987	0.0029	0.0016	5 / 24	0.001 to 0.003	1.12E-03	6.25E-04	1.33E-03	LN	0.000775	20.8%	1.33E-03	UCL
NICKEL	7440020	0.0083	0.00036	24 / 24	NA to NA	3.72E-03	1.75E-03	4.33E-03	N	0.00375	100.0%	4.33E-03	UCL
POTASSIUM	7440097	0.64	0.18	4 / 24	0.29 to 0.64	2.91E-01	8.94E-02	3.24E-01	LN	0.29	16.7%	3.24E-01	UCL
SELENIUM	7782492	0.004	0.00075	7 / 24	0.002 to 0.03	3.43E-03	2.95E-03	4.73E-03	LN	0.002925	29.2%	4.00E-03	MAX
SILVER	7440224	0.00026	0.00026	1 / 24	0.001 to 0.03	1.50E-03	2.90E-03	1.69E-03	LN	0.00075	4.2%	2.60E-04	MAX
SODIUM	7440235	2.8	0.62	22 / 24	0.75 to 1.5	9.93E-01	5.22E-01	1.16E+00	LN	0.8	91.7%	1.16E+00	UCL
STRONTIUM	7440246	0.015	0.0018	23 / 24	0.003 to 0.003	5.45E-03	3.11E-03	7.00E-03	LN	0.0049	95.8%	7.00E-03	UCL
THALLIUM	7440280	0.000094	0.000031	5 / 24	2E-05 to 0.003	1.07E-04	2.99E-04	1.35E-04	LN	0.00003575	20.8%	9.40E-05	MAX
TIN	7440315	0.0082	0.0038	5 / 24	0.003 to 0.012	3.80E-03	2.17E-03	4.90E-03	LN	0.003175	20.8%	4.90E-03	UCL
TITANIUM	7440326	0.024	0.001	23 / 24	0.061 to 0.061	9.64E-03	6.69E-03	1.39E-02	LN	0.00885	95.8%	1.39E-02	UCL
VANADIUM	7440622	0.004	0.001	8 / 24	0.001 to 0.003	1.47E-03	1.02E-03	1.87E-03	LN	0.00105	33.3%	1.87E-03	UCL
ZINC	7440666	0.12	0.04	23 / 24	0.12 to 0.12	6.52E-02	1.83E-02	7.18E-02	LN	0.0605	95.8%	7.18E-02	UCL
4,4'-DDE (P,P'-DDE)	72559	0.00007	0.00007	1 / 1	NA to NA	7.00E-05	#DIV/0!	N/A	N/A	0.00007	100.0%	7.00E-05	MAX
4,4'-DDT (P,P'-DDT)	50293	0.00014	0.00014	1 / 1	NA to NA	1.40E-04	#DIV/0!	N/A	N/A	0.00014	100.0%	1.40E-04	MAX
ALPHA-BHC	319846	0.000046	0.000046	1 / 1	NA to NA	4.60E-05	#DIV/0!	N/A	N/A	0.000046	100.0%	4.60E-05	MAX
ALPHA-CHLORDANE /2	5103719	0.00028	0.00028	1 / 1	NA to NA	2.80E-04	#DIV/0!	N/A	N/A	0.00028	100.0%	2.80E-04	MAX
ALPHA-CHLORDENE /2	--	0.00004	0.00004	1 / 1	NA to NA	4.00E-05	#DIV/0!	N/A	N/A	0.00004	100.0%	4.00E-05	MAX
BETA-BHC	319857	0.000045	0.000045	1 / 1	NA to NA	4.50E-05	#DIV/0!	N/A	N/A	0.000045	100.0%	4.50E-05	MAX
BETA-CHLORDENE /2	--	0.000076	0.000076	1 / 1	NA to NA	7.60E-05	#DIV/0!	N/A	N/A	0.000076	100.0%	7.60E-05	MAX
ENDOSULFAN I (ALPHA)	959988	0.00025	0.00025	1 / 1	NA to NA	2.50E-04	#DIV/0!	N/A	N/A	0.00025	100.0%	2.50E-04	MAX
GAMMA-BHC (LINDANE)	58899	0.000046	0.000046	1 / 1	NA to NA	4.60E-05	#DIV/0!	N/A	N/A	0.000046	100.0%	4.60E-05	MAX
GAMMA-CHLORDANE /2	5103742	0.00026	0.00026	1 / 1	NA to NA	2.60E-04	#DIV/0!	N/A	N/A	0.00026	100.0%	2.60E-04	MAX
HEPTACHLOR	76448	0.00025	0.00025	1 / 1	NA to NA	2.50E-04	#DIV/0!	N/A	N/A	0.00025	100.0%	2.50E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.000072	0.000072	1 / 1	NA to NA	7.20E-05	#DIV/0!	N/A	N/A	0.000072	100.0%	7.20E-05	MAX
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	0.0000096	0.0000096	1 / 1	NA to NA	9.60E-06	#DIV/0!	N/A	N/A	0.0000096	100.0%	9.60E-06	MAX
PCB Congener #101	1336363	0.000031	0.000031	1 / 1	NA to NA	3.10E-05	#DIV/0!	N/A	N/A	0.000031	100.0%	3.10E-05	MAX
PCB Congener #28	1336363	0.000025	0.000025	1 / 1	NA to NA	2.50E-05	#DIV/0!	N/A	N/A	0.000025	100.0%	2.50E-05	MAX
PCB Congener #60	1336363	0.00004	0.00004	1 / 1	NA to NA	4.00E-05	#DIV/0!	N/A	N/A	0.00004	100.0%	4.00E-05	MAX

Table C2. TIC Data Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
1-METHYLNAPHTHALENE	0.03	0.03	1 / 26	NA to NA	3.00E-02	#DIV/0!	0.03
BENZOIC ACID	0.2	0.05	2 / 26	NA to NA	1.25E-01	1.06E-01	0.125
BIS(DIMETHYLETHYL)ETHYLPHENOL	0.2	0.2	1 / 26	NA to NA	2.00E-01	#DIV/0!	0.2
BIS(ETHYLHEXYL)ADIPATE	0.086	0.086	1 / 26	NA to NA	8.60E-02	#DIV/0!	0.086
DIETHYLBENZENE	0.07	0.04	5 / 26	NA to NA	5.00E-02	1.22E-02	0.05
ETHYLDIMETHYLBENZENE	0.06	0.04	2 / 26	NA to NA	5.00E-02	1.41E-02	0.05
ETHYLDIMETHYLBENZENE (4 ISOMERS)	0.2	0.2	1 / 26	NA to NA	2.00E-01	#DIV/0!	0.2
METHYL(METHYLETHYL)BENZENE	0.04	0.04	1 / 26	NA to NA	4.00E-02	#DIV/0!	0.04
METHYLPROPYLBENZENE	0.09	0.05	4 / 26	NA to NA	6.00E-02	2.00E-02	0.05
TETRAETHYLBENZENE	0.05	0.05	1 / 26	NA to NA	5.00E-02	#DIV/0!	0.05
TETRAMETHYLBENZENE	0.08	0.08	1 / 26	NA to NA	8.00E-02	#DIV/0!	0.08
TETRAMETHYLBENZENE (2 ISOMERS)	0.08	0.08	1 / 26	NA to NA	8.00E-02	#DIV/0!	0.08
ACETIC ACID, BUTYL ESTER	100	100	1 / 29	NA to NA	1.00E+02	#DIV/0!	100
BUTANE	600	30	20 / 29	NA to NA	1.70E+02	1.49E+02	100
BUTENE	30	30	2 / 29	NA to NA	3.00E+01	0.00E+00	30
DECANE	50	40	2 / 29	NA to NA	4.50E+01	7.07E+00	45
DICHLOROFLUOROMETHANE	100	50	3 / 29	NA to NA	7.33E+01	2.52E+01	70
DIFLUOROETHANE	200	30	5 / 29	NA to NA	1.10E+02	8.57E+01	90
DIMETHYLCYCLOPROPANE	30	20	2 / 29	NA to NA	2.50E+01	7.07E+00	25
DIMETHYLCYCLOPROPANE (2 ISOMERS)	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
DIMETHYLPENTANE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
DIMETHYLPENTANE (2 ISOMERS)	80	80	1 / 29	NA to NA	8.00E+01	#DIV/0!	80
ETHYLMETHYLBENZENE	30	30	2 / 29	NA to NA	3.00E+01	0.00E+00	30
HEPTANE	100	30	6 / 29	NA to NA	6.17E+01	3.49E+01	60
HEXANAL	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
ISOBUTANE	200	20	9 / 29	NA to NA	6.44E+01	5.61E+01	40
METHYL BUTANE	900	30	23 / 29	NA to NA	2.03E+02	2.01E+02	100
METHYL BUTENE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
METHYL PROPENE	20	20	1 / 29	NA to NA	2.00E+01	#DIV/0!	20
PENTANE	300	20	20 / 29	NA to NA	8.05E+01	6.48E+01	60
PENTANONE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
PENTENE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30

Table C3. Data Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
HCL (CALCULATED FROM CL)	7647010	0.82	0.69	3 / 28	0.62 to 3.2	5.05E-01	2.79E-01	5.89E-01	LN	0.3375	10.7%	5.89E-01	UCL
FORMALDEHYDE	50000	3.8	0.27	25 / 25	NA to NA	1.25E+00	8.38E-01	1.69E+00	LN	1.1	100.0%	1.69E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.024	0.0038	14 / 30	0.032 to 0.078	1.44E-02	7.89E-03	1.88E-02	LN	0.01625	46.7%	1.88E-02	UCL
1,1-BIPHENYL	92524	0.012	0.0037	23 / 30	0.032 to 0.04	9.63E-03	5.12E-03	1.16E-02	LN	0.0077	76.7%	1.16E-02	UCL
2-METHYLNAPHTHALENE	91576	0.07	0.01	30 / 30	NA to NA	4.15E-02	1.82E-02	4.72E-02	N	0.0425	100.0%	4.72E-02	UCL
2-METHYLPHENOL	95487	0.012	0.004	9 / 30	0.032 to 0.078	1.54E-02	7.46E-03	2.01E-02	LN	0.017	30.0%	1.20E-02	MAX
2-NITROPHENOL	88755	0.076	0.0081	6 / 30	0.032 to 0.078	2.17E-02	1.29E-02	2.47E-02	LN	0.018	20.0%	2.47E-02	UCL
4-CHLOROANILINE	106478	0.0097	0.004	3 / 30	0.032 to 0.078	1.79E-02	5.50E-03	2.07E-02	LN	0.018	10.0%	9.70E-03	MAX
4-NITROPHENOL	106445	0.018	0.012	2 / 30	0.039 to 0.16	3.57E-02	1.08E-02	3.98E-02	LN	0.03575	6.7%	1.80E-02	MAX
ACENAPHTHENE	83329	0.024	0.004	15 / 30	0.032 to 0.044	1.28E-02	6.66E-03	1.68E-02	LN	0.016	50.0%	1.68E-02	UCL
ACENAPHTHYLENE	208968	0.0081	0.0073	3 / 30	0.032 to 0.078	1.79E-02	5.36E-03	2.00E-02	LN	0.018	10.0%	8.10E-03	MAX
ACETOPHENONE	98862	0.35	0.064	6 / 30	0.032 to 0.078	4.52E-02	7.12E-02	5.40E-02	LN	0.019	20.0%	5.40E-02	UCL
ANTHRACENE	120127	0.0095	0.0036	4 / 30	0.032 to 0.078	1.73E-02	6.24E-03	2.12E-02	LN	0.018	13.3%	9.50E-03	MAX
BENZALDEHYDE	100527	0.22	0.22	1 / 30	0.032 to 0.078	2.57E-02	3.69E-02	2.69E-02	LN	0.018	3.3%	2.69E-02	UCL
BIS(2-ETHYLHEXYL) PHTHALATE	117817	0.28	0.035	14 / 30	0.032 to 0.042	5.81E-02	6.50E-02	8.26E-02	LN	0.0205	46.7%	8.26E-02	UCL
DIBENZOFURAN	132649	0.024	0.0036	19 / 30	0.032 to 0.044	1.19E-02	6.57E-03	1.54E-02	LN	0.011	63.3%	1.54E-02	UCL
DIETHYL PHTHALATE	84662	0.045	0.045	1 / 30	0.032 to 0.078	1.97E-02	6.31E-03	2.12E-02	LN	0.018	3.3%	2.12E-02	UCL
DI-N-BUTYLPHTHALATE	84742	0.081	0.043	2 / 30	0.032 to 0.078	2.17E-02	1.27E-02	2.39E-02	LN	0.018	6.7%	2.39E-02	UCL
FLUORANTHENE	206440	0.035	0.0036	14 / 30	0.032 to 0.078	1.55E-02	8.52E-03	2.07E-02	LN	0.01675	46.7%	2.07E-02	UCL
FLUORENE	86737	0.028	0.0036	19 / 30	0.032 to 0.044	1.18E-02	6.98E-03	1.55E-02	LN	0.0105	63.3%	1.55E-02	UCL
NAPHTHALENE	91203	0.15	0.023	29 / 30	0.059 to 0.059	7.55E-02	3.52E-02	8.64E-02	N	0.079	96.7%	8.64E-02	UCL
NITROBENZENE	98953	0.033	0.019	3 / 30	0.032 to 0.078	1.96E-02	5.18E-03	2.10E-02	LN	0.018	10.0%	2.10E-02	UCL
PENTACHLOROPHENOL	87865	0.049	0.0054	9 / 30	0.064 to 0.16	3.20E-02	1.50E-02	4.30E-02	LN	0.03525	30.0%	4.30E-02	UCL
PHENANTHRENE	85018	0.11	0.0035	29 / 30	0.036 to 0.036	1.93E-02	2.02E-02	2.51E-02	LN	0.0135	96.7%	2.51E-02	UCL
PHENOL	108952	0.14	0.014	17 / 30	0.032 to 0.078	3.49E-02	2.86E-02	4.25E-02	LN	0.0225	56.7%	4.25E-02	UCL
PYRENE	129000	0.026	0.0035	12 / 30	0.032 to 0.078	1.59E-02	7.91E-03	2.09E-02	LN	0.0175	40.0%	2.09E-02	UCL
(M- AND/OR P-)XYLENE	108383	2.8	0.39	25 / 31	1.2 to 3.8	1.50E+00	6.02E-01	1.68E+00	N	1.4	80.6%	1.68E+00	UCL
1,1,1-TRICHLOROETHANE	71556	0.43	0.23	14 / 31	1.1 to 2.4	5.70E-01	2.91E-01	6.94E-01	LN	0.6	45.2%	4.30E-01	MAX
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	1.8	0.44	28 / 28	NA to NA	6.82E-01	2.52E-01	7.45E-01	LN	0.64	100.0%	7.45E-01	UCL
1,2,4-TRIMETHYLBENZENE	95636	2.8	0.32	21 / 31	1.1 to 2.4	8.88E-01	5.19E-01	1.07E+00	LN	0.75	67.7%	1.07E+00	UCL
1,3,5-TRIMETHYLBENZENE	108678	0.92	0.29	6 / 31	1.1 to 2.4	6.65E-01	2.12E-01	7.36E-01	LN	0.6	19.4%	7.36E-01	UCL
1,3-BUTADIENE	106990	51	0.4	19 / 31	0.44 to 2.3	4.49E+00	9.75E+00	9.76E+00	LN	0.99	61.3%	9.76E+00	UCL
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	170	0.38	17 / 28	0.86 to 4.1	1.86E+01	3.63E+01	9.72E+01	LN	3.95	60.7%	9.72E+01	UCL
ACETONE	67641	22	5.5	19 / 28	19 to 60	1.42E+01	5.53E+00	1.60E+01	N	13.5	67.9%	1.60E+01	UCL
BENZENE	71432	3	0.38	28 / 31	2.3 to 4	1.33E+00	6.08E-01	1.51E+00	N	1.3	90.3%	1.51E+00	UCL
CARBON DISULFIDE	75150	6.7	2.6	3 / 31	0.88 to 23	4.25E+00	2.90E+00	6.02E+00	LN	3	9.7%	6.02E+00	UCL
CARBON TETRACHLORIDE	56235	1.2	0.44	28 / 31	2.3 to 2.4	6.97E-01	2.20E-01	7.62E-01	LN	0.69	90.3%	7.62E-01	UCL
CHLORODIFLUOROMETHANE	75456	1000	0.41	28 / 28	NA to NA	6.51E+01	1.88E+02	4.09E+02	LN	12.8	100.0%	4.09E+02	UCL
CHLOROFORM	67663	3.2	0.31	21 / 31	1.1 to 2.4	1.05E+00	7.42E-01	1.36E+00	LN	0.75	67.7%	1.36E+00	UCL
CHLOROMETHANE	74873	4.4	0.88	29 / 31	2.3 to 2.4	1.35E+00	7.02E-01	1.50E+00	LN	1.2	93.5%	1.50E+00	UCL
CYCLOHEXANE	110827	0.76	0.24	3 / 28	0.88 to 6	1.61E+00	1.17E+00	2.61E+00	LN	1.455	10.7%	7.60E-01	MAX
DICHLORODIFLUOROMETHANE	75718	23	0.33	29 / 30	2 to 2	5.53E+00	6.33E+00	7.83E+00	LN	3	96.7%	7.83E+00	UCL
ETHYL ACRYLATE	140885	0.86	0.39	6 / 29	0.68 to 6.3	1.48E+00	1.14E+00	2.22E+00	LN	0.85	20.7%	8.60E-01	MAX
ETHYL BENZENE	100414	0.82	0.24	23 / 31	1.4 to 2.4	5.98E-01	2.48E-01	6.86E-01	LN	0.53	74.2%	6.86E-01	UCL
HEXANE	110543	6.6	0.46	27 / 28	0.86 to 0.86	1.98E+00	1.74E+00	2.66E+00	LN	1.35	96.4%	2.66E+00	UCL
METHYL ACETATE	79209	0.92	0.24	10 / 28	0.64 to 0.94	4.21E-01	1.60E-01	4.65E-01	LN	0.385	35.7%	4.65E-01	UCL
METHYL ETHYL KETONE	78933	7.5	0.8	23 / 28	2.9 to 9	2.51E+00	1.39E+00	3.05E+00	LN	2.25	82.1%	3.05E+00	UCL
METHYL METHACRYLATE	80626	20	0.29	18 / 28	0.91 to 4.3	3.75E+00	4.73E+00	7.59E+00	LN	1.55	64.3%	7.59E+00	UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	15	0.32	28 / 28	NA to NA	2.85E+00	3.81E+00	4.58E+00	LN	1.25	100.0%	4.58E+00	UCL

Table C3. Data Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
METHYLCYCLOHEXANE	108872	0.5	0.33	4 / 28	0.88 to 4.5	6.94E-01	5.42E-01	8.00E-01	LN	0.525	14.3%	5.00E-01	MAX
METHYLENE CHLORIDE	75092	1.1	0.26	16 / 31	0.64 to 2.4	5.44E-01	2.82E-01	6.29E-01	LN	0.435	51.6%	6.29E-01	UCL
N-PROPYLBENZENE	103651	0.62	0.23	8 / 31	1.1 to 2.4	6.21E-01	2.48E-01	7.24E-01	LN	0.6	25.8%	6.20E-01	MAX
O-XYLENE	95476	1.3	0.34	24 / 31	1.4 to 5.7	7.89E-01	4.69E-01	9.18E-01	LN	0.71	77.4%	9.18E-01	UCL
SEC-BUTYLBENZENE	135988	3.5	2.6	2 / 31	1.3 to 6.8	1.20E+00	9.18E-01	1.41E+00	LN	0.85	6.5%	1.41E+00	UCL
STYRENE	100425	1.1	0.24	12 / 31	0.88 to 120	6.49E+00	1.53E+01	9.81E+00	LN	2.15	38.7%	1.10E+00	MAX
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	1.1	0.24	11 / 31	1.5 to 2.4	8.16E-01	2.72E-01	9.57E-01	LN	0.8	35.5%	9.57E-01	UCL
TOLUENE	108883	140	0.76	31 / 31	NA to NA	2.40E+01	3.04E+01	5.33E+01	LN	12	100.0%	5.33E+01	UCL
TRICHLOROFLUOROMETHANE (FREON 11)	75694	2.9	1	28 / 31	2.3 to 2.4	1.63E+00	4.30E-01	1.77E+00	LN	1.6	90.3%	1.77E+00	UCL
VINYL CHLORIDE	75014	0.65	0.48	3 / 31	0.66 to 2.4	4.86E-01	2.43E-01	5.42E-01	LN	0.425	9.7%	5.42E-01	UCL
ALUMINUM	7429905	22	0.2	26 / 26	NA to NA	3.57E+00	5.17E+00	1.07E+01	LN	1.09	100.0%	1.07E+01	UCL
ANTIMONY	7440360	0.0023	0.00028	12 / 26	0.006 to 0.012	2.40E-03	1.81E-03	4.47E-03	LN	0.00285	46.2%	2.30E-03	MAX
ARSENIC	7440382	0.0097	0.00062	26 / 26	NA to NA	1.95E-03	1.96E-03	2.47E-03	LN	0.0015	100.0%	2.47E-03	UCL
BARIUM	7440393	0.024	0.0064	26 / 26	NA to NA	1.25E-02	4.87E-03	1.43E-02	LN	0.011	100.0%	1.43E-02	UCL
BERYLLIUM	7440417	0.000094	0.000017	14 / 26	2E-05 to 2E-04	4.68E-05	2.66E-05	6.57E-05	LN	0.000046	53.8%	6.57E-05	UCL
CADMIUM	7440439	0.00095	0.00018	14 / 26	3E-04 to 0.009	7.74E-04	1.07E-03	1.04E-03	LN	0.000435	53.8%	9.50E-04	MAX
CALCIUM	7440702	15	1.3	26 / 26	NA to NA	6.04E+00	3.89E+00	7.86E+00	LN	5.1	100.0%	7.86E+00	UCL
CHROMIUM	18540299	0.024	0.0025	26 / 26	NA to NA	4.44E-03	4.09E-03	4.97E-03	LN	0.00345	100.0%	4.97E-03	UCL
COBALT	7440484	0.0013	0.0013	1 / 26	7E-04 to 0.003	8.27E-04	3.45E-04	9.60E-04	LN	0.000725	3.8%	9.60E-04	UCL
COPPER	7440508	0.64	0.046	26 / 26	NA to NA	2.69E-01	1.54E-01	3.20E-01	N	0.235	100.0%	3.20E-01	UCL
IRON	7439896	1.3	0.25	26 / 26	NA to NA	5.46E-01	2.58E-01	6.48E-01	LN	0.485	100.0%	6.48E-01	UCL
LEAD	7439921	0.025	0.0036	14 / 26	0.005 to 0.029	8.52E-03	5.56E-03	1.09E-02	LN	0.006	53.8%	1.09E-02	UCL
MAGNESIUM	7439954	1.8	0.15	24 / 26	0.36 to 0.66	6.57E-01	3.92E-01	7.89E-01	N	0.62	92.3%	7.89E-01	UCL
MANGANESE	7439965	0.04	0.005	26 / 26	NA to NA	1.70E-02	8.83E-03	2.09E-02	LN	0.0155	100.0%	2.09E-02	UCL
MOLYBDENUM	7439987	0.0035	0.0015	6 / 26	0.001 to 0.003	1.12E-03	7.11E-04	1.33E-03	LN	0.00075	23.1%	1.33E-03	UCL
NICKEL	7440020	0.0079	0.00052	26 / 26	NA to NA	4.50E-03	1.57E-03	5.02E-03	N	0.0046	100.0%	5.02E-03	UCL
POTASSIUM	7440097	0.27	0.15	3 / 26	0.29 to 1.1	2.72E-01	8.16E-02	3.06E-01	LN	0.29	11.5%	2.70E-01	MAX
SELENIUM	7782492	0.0078	0.00073	10 / 26	6E-04 to 0.012	3.01E-03	1.86E-03	4.46E-03	LN	0.0029	38.5%	4.46E-03	UCL
SILVER	7440224	0.00021	0.00021	1 / 26	1E-04 to 0.029	1.39E-03	2.70E-03	1.81E-03	LN	0.00075	3.8%	2.10E-04	MAX
SODIUM	7440235	6.7	0.65	25 / 26	1.4 to 1.4	1.16E+00	1.16E+00	1.30E+00	LN	0.86	96.2%	1.30E+00	UCL
STRONTIUM	7440246	0.015	0.0026	25 / 26	0.003 to 0.003	6.17E-03	3.34E-03	7.65E-03	LN	0.0054	96.2%	7.65E-03	UCL
THALLIUM	7440280	0.000066	0.000027	6 / 26	2E-05 to 3E-04	5.57E-05	3.31E-05	7.47E-05	LN	0.0000465	23.1%	6.60E-05	MAX
TIN	7440315	0.0075	0.0034	3 / 26	0.003 to 0.012	3.25E-03	1.62E-03	3.96E-03	LN	0.0029	11.5%	3.96E-03	UCL
TITANIUM	7440326	0.02	0.0041	25 / 26	0.058 to 0.058	1.04E-02	6.14E-03	1.28E-02	LN	0.0086	96.2%	1.28E-02	UCL
VANADIUM	7440622	0.0062	0.0013	15 / 26	0.001 to 0.003	1.79E-03	1.15E-03	2.22E-03	LN	0.0016	57.7%	2.22E-03	UCL
ZINC	7440666	0.12	0.034	25 / 26	0.05 to 0.05	6.58E-02	2.37E-02	7.38E-02	N	0.062	96.2%	7.38E-02	UCL
4,4'-DDE (P,P'-DDE)	72559	0.0000094	0.0000094	1 / 1	NA to NA	9.40E-06	#DIV/0!	N/A	N/A	0.0000094	100.0%	9.40E-06	MAX
4,4'-DDT (P,P'-DDT)	50293	0.00013	0.00013	1 / 1	NA to NA	1.30E-04	#DIV/0!	N/A	N/A	0.00013	100.0%	1.30E-04	MAX
ALPHA-CHLORDANE /2	5103719	0.00022	0.00022	1 / 1	NA to NA	2.20E-04	#DIV/0!	N/A	N/A	0.00022	100.0%	2.20E-04	MAX
ALPHA-CHLORDENE /2	--	0.000033	0.000033	1 / 1	NA to NA	3.30E-05	#DIV/0!	N/A	N/A	0.000033	100.0%	3.30E-05	MAX
BETA-CHLORDENE /2	--	0.000058	0.000058	1 / 1	NA to NA	5.80E-05	#DIV/0!	N/A	N/A	0.000058	100.0%	5.80E-05	MAX
CHLORDENE /2	3734483	0.000085	0.000085	1 / 1	NA to NA	8.50E-05	#DIV/0!	N/A	N/A	0.000085	100.0%	8.50E-05	MAX
DIELDRIN	60571	0.000044	0.000044	1 / 1	NA to NA	4.40E-05	#DIV/0!	N/A	N/A	0.000044	100.0%	4.40E-05	MAX
ENDOSULFAN I (ALPHA)	959988	0.00015	0.00015	1 / 1	NA to NA	1.50E-04	#DIV/0!	N/A	N/A	0.00015	100.0%	1.50E-04	MAX
GAMMA-BHC (LINDANE)	58899	0.000071	0.000071	1 / 1	NA to NA	7.10E-05	#DIV/0!	N/A	N/A	0.000071	100.0%	7.10E-05	MAX
GAMMA-CHLORDANE /2	5103742	0.00021	0.00021	1 / 1	NA to NA	2.10E-04	#DIV/0!	N/A	N/A	0.00021	100.0%	2.10E-04	MAX
HEPTACHLOR	76448	0.00012	0.00012	1 / 1	NA to NA	1.20E-04	#DIV/0!	N/A	N/A	0.00012	100.0%	1.20E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.000053	0.000053	1 / 1	NA to NA	5.30E-05	#DIV/0!	N/A	N/A	0.000053	100.0%	5.30E-05	MAX
PCB Congener #101	1336363	0.000036	0.000036	1 / 1	NA to NA	3.60E-05	#DIV/0!	N/A	N/A	0.000036	100.0%	3.60E-05	MAX

Table C4. TIC Data Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
(DIMETHYLETHYL)METHOXYPHENOL	0.08	0.08	1 / 30	NA to NA	8.00E-02	#DIV/0!	0.08
1 UNIDENTIFIED COMPOUND	0.1	0.01	6 / 30	NA to NA	6.50E-02	3.39E-02	0.075
2 UNIDENTIFIED COMPOUNDS	0.1	0.1	1 / 30	NA to NA	1.00E-01	#DIV/0!	0.1
3 UNIDENTIFIED COMPOUNDS	0.5	0.5	1 / 30	NA to NA	5.00E-01	#DIV/0!	0.5
4 UNIDENTIFIED COMPOUNDS	0.3	0.3	1 / 30	NA to NA	3.00E-01	#DIV/0!	0.3
BENZOIC ACID	0.1	0.1	1 / 30	NA to NA	1.00E-01	#DIV/0!	0.1
BIS(DIMETHYLETHYL)ETHYLPHENOL	0.2	0.2	1 / 30	NA to NA	2.00E-01	#DIV/0!	0.2
BIS(ETHYLHEXYL)ADIPATE	0.0056	0.0056	1 / 30	NA to NA	5.60E-03	#DIV/0!	0.0056
BUTYLATEDHYDROXYTOLUENE	0.08	0.08	1 / 30	NA to NA	8.00E-02	#DIV/0!	0.08
CHLOROBUTADIENE	0.1	0.1	1 / 30	NA to NA	1.00E-01	#DIV/0!	0.1
CYCLOOCTATETRAENE	0.3	0.3	1 / 30	NA to NA	3.00E-01	#DIV/0!	0.3
DECAHYDRONAPHTHALENE	0.04	0.04	1 / 30	NA to NA	4.00E-02	#DIV/0!	0.04
DIETHYLBENZENE	0.05	0.04	2 / 30	NA to NA	4.50E-02	7.07E-03	0.045
DIETHYLBIPHENYL (2 ISOMERS)	0.08	0.08	1 / 30	NA to NA	8.00E-02	#DIV/0!	0.08
DIMETHYLMETHOXYPHENOL	0.09	0.09	1 / 30	NA to NA	9.00E-02	#DIV/0!	0.09
ETHYLDECANOL	0.08	0.08	1 / 30	NA to NA	8.00E-02	#DIV/0!	0.08
ETHYLDIMETHYLBENZENE (2 ISOMERS)	0.1	0.1	1 / 30	NA to NA	1.00E-01	#DIV/0!	0.1
METHYLCYCLOHEPTANONE	0.3	0.3	1 / 30	NA to NA	3.00E-01	#DIV/0!	0.3
METHYLPROPYLBENZENE	0.05	0.04	2 / 30	NA to NA	4.50E-02	7.07E-03	0.045
METHYLSALICYLATE	0.2	0.1	2 / 30	NA to NA	1.50E-01	7.07E-02	0.15
TRIMETHYLPHENYLETHANONE	0.2	0.2	1 / 30	NA to NA	2.00E-01	#DIV/0!	0.2
BUTANE	400	30	18 / 31	NA to NA	8.94E+01	8.09E+01	80
BUTENE	40	30	2 / 31	NA to NA	3.50E+01	7.07E+00	35
DECANE	100	20	10 / 31	NA to NA	5.30E+01	2.36E+01	50
DICHLOROFLUOROMETHANE	1000	20	6 / 31	NA to NA	2.77E+02	3.70E+02	150
DIFLUOROETHANE	500	40	7 / 31	NA to NA	1.87E+02	1.53E+02	200
ISOBUTANE	50	30	4 / 31	NA to NA	4.25E+01	9.57E+00	45
METHYL BUTANE	400	30	20 / 31	NA to NA	1.09E+02	1.06E+02	65
METHYL PROPENE	30	30	1 / 31	NA to NA	3.00E+01	#DIV/0!	30
METHYLETHYLCYCLOHEXANE	20	20	1 / 31	NA to NA	2.00E+01	#DIV/0!	20
NONANE	40	40	1 / 31	NA to NA	4.00E+01	#DIV/0!	40
PENTANE	100	20	13 / 31	NA to NA	4.85E+01	2.94E+01	40
PROPENYL CYCLOHEXANE	20	20	1 / 31	NA to NA	2.00E+01	#DIV/0!	20

Table C5. Data Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
HCL (CALCULATED FROM CL)	7647010	0.79	0.79	1 / 23	0.62 to 3.3	4.93E-01	2.99E-01	5.80E-01	LN	0.34	0.043	5.80E-01	UCL
FORMALDEHYDE	50000	3.6	0.6	22 / 22	NA to NA	1.82E+00	8.96E-01	2.15E+00	N	1.65	100.0%	2.15E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.026	0.0048	8 / 25	0.029 to 0.07	1.61E-02	7.31E-03	1.98E-02	LN	0.0165	32.0%	1.98E-02	UCL
1,1-BIPHENYL	92524	0.016	0.0035	21 / 25	0.032 to 0.033	8.84E-03	4.71E-03	1.11E-02	LN	0.0072	84.0%	1.11E-02	UCL
2-METHYLNAPHTHALENE	91576	0.085	0.008	25 / 25	NA to NA	4.51E-02	2.21E-02	5.26E-02	N	0.047	100.0%	5.26E-02	UCL
2-METHYLPHENOL	95487	0.012	0.0032	9 / 25	0.029 to 0.07	1.39E-02	6.89E-03	1.80E-02	LN	0.016	36.0%	1.20E-02	MAX
2-NITROPHENOL	88755	0.065	0.0048	6 / 25	0.029 to 0.07	1.74E-02	1.15E-02	2.18E-02	LN	0.016	24.0%	2.18E-02	UCL
4-CHLOROANILINE	106478	0.01	0.0097	2 / 25	0.029 to 0.07	1.70E-02	4.36E-03	1.85E-02	LN	0.0165	8.0%	1.00E-02	MAX
4-NITROPHENOL	106445	0.04	0.012	4 / 25	0.033 to 0.14	3.24E-02	1.08E-02	3.74E-02	LN	0.033	16.0%	3.74E-02	UCL
ACENAPHTHENE	83329	0.027	0.0033	13 / 25	0.029 to 0.038	1.23E-02	6.40E-03	1.67E-02	LN	0.0145	52.0%	1.67E-02	UCL
ACENAPHTHYLENE	208968	0.0096	0.0083	2 / 25	0.029 to 0.07	1.69E-02	4.51E-03	1.84E-02	LN	0.0165	8.0%	9.60E-03	MAX
ACETOPHENONE	98862	0.3	0.059	7 / 25	0.029 to 0.07	5.03E-02	7.09E-02	7.05E-02	LN	0.017	28.0%	7.05E-02	UCL
ANTHRACENE	120127	0.015	0.0039	2 / 25	0.029 to 0.07	1.69E-02	4.71E-03	1.95E-02	LN	0.0165	8.0%	1.50E-02	MAX
BENZALDEHYDE	100527	0.42	0.0053	2 / 25	0.029 to 0.07	3.32E-02	8.07E-02	3.29E-02	LN	0.0165	8.0%	3.29E-02	UCL
BIS(2-ETHYLHEXYL) PHTHALATE	117817	0.032	0.032	1 / 25	0.029 to 0.07	1.82E-02	4.77E-03	1.95E-02	LN	0.0165	4.0%	1.95E-02	UCL
CARBAZOLE	86748	0.0098	0.0098	1 / 25	0.029 to 0.07	1.72E-02	4.12E-03	1.85E-02	LN	0.0165	4.0%	9.80E-03	MAX
DIBENZOFURAN	132649	0.027	0.0032	18 / 25	0.031 to 0.038	1.08E-02	6.59E-03	1.49E-02	LN	0.0082	72.0%	1.49E-02	UCL
FLUORANTHENE	206440	0.04	0.0035	9 / 25	0.029 to 0.038	1.47E-02	7.00E-03	1.83E-02	LN	0.016	36.0%	1.83E-02	UCL
FLUORENE	86737	0.031	0.0033	14 / 25	0.005 to 0.038	1.16E-02	6.80E-03	1.59E-02	LN	0.012	56.0%	1.59E-02	UCL
NAPHTHALENE	91203	0.16	0.0056	25 / 25	NA to NA	8.39E-02	3.94E-02	9.74E-02	N	0.089	100.0%	9.74E-02	UCL
PENTACHLOROPHENOL	87865	0.013	0.0069	5 / 25	0.033 to 0.14	2.98E-02	1.33E-02	3.90E-02	LN	0.033	20.0%	1.30E-02	MAX
PHENANTHRENE	85018	0.14	0.0038	24 / 25	0.033 to 0.033	2.02E-02	2.71E-02	2.82E-02	LN	0.013	96.0%	2.82E-02	UCL
PHENOL	108952	0.11	0.015	14 / 25	0.031 to 0.07	3.54E-02	2.50E-02	4.53E-02	LN	0.025	56.0%	4.53E-02	UCL
PYRENE	129000	0.026	0.0035	7 / 25	0.029 to 0.07	1.51E-02	6.96E-03	2.01E-02	LN	0.0165	28.0%	2.01E-02	UCL
(M- AND/OR P-)XYLENE	108383	3.9	0.42	26 / 29	2.4 to 3.8	1.59E+00	7.46E-01	1.83E+00	N	1.5	89.7%	1.83E+00	UCL
1,1,1-TRICHLOROETHANE	71556	0.36	0.23	17 / 29	1.1 to 2.4	4.86E-01	2.75E-01	5.85E-01	LN	0.32	58.6%	3.60E-01	MAX
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	1.8	0.5	27 / 27	NA to NA	6.88E-01	2.43E-01	7.46E-01	LN	0.63	100.0%	7.46E-01	UCL
1,2,4-TRIMETHYLBENZENE	95636	2.4	0.28	23 / 29	1.1 to 2.4	9.07E-01	5.34E-01	1.13E+00	LN	0.81	79.3%	1.13E+00	UCL
1,3,5-TRIMETHYLBENZENE	108678	0.83	0.29	7 / 29	1.1 to 2.4	6.28E-01	2.04E-01	7.01E-01	LN	0.55	24.1%	7.01E-01	UCL
1,3-BUTADIENE	106990	57	0.32	21 / 29	0.44 to 2.4	5.83E+00	1.13E+01	1.65E+01	LN	1.9	72.4%	1.65E+01	UCL
1,4-DICHLOROBENZENE	106467	0.29	0.29	1 / 29	1.3 to 2.4	7.67E-01	1.74E-01	8.37E-01	LN	0.7	3.4%	2.90E-01	MAX
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	64	0.5	18 / 27	0.86 to 1.2	1.25E+01	1.65E+01	6.61E+01	LN	5.1	66.7%	6.40E+01	MAX
ACETONE	67641	250	6.1	18 / 27	14 to 50	2.53E+01	4.60E+01	2.91E+01	LN	13	66.7%	2.91E+01	UCL
ACRYLONITRILE	107131	1.9	1.9	1 / 27	0.58 to 10	2.11E+00	1.19E+00	2.50E+00	N	1.9	3.7%	1.90E+00	MAX
BENZENE	71432	2.6	0.6	26 / 29	2.4 to 5	1.31E+00	5.27E-01	1.48E+00	N	1.2	89.7%	1.48E+00	UCL
BROMODICHLOROMETHANE	75274	0.55	0.55	1 / 28	1.5 to 2.4	8.68E-01	1.36E-01	9.16E-01	LN	0.8	3.6%	5.50E-01	MAX
BUTYL ACRYLATE	141322	0.79	0.79	1 / 27	1.1 to 15	3.87E+00	3.09E+00	8.82E+00	LN	2.85	3.7%	7.90E-01	MAX
CARBON DISULFIDE	75150	2.9	2.5	2 / 29	0.85 to 24	4.22E+00	3.08E+00	6.16E+00	LN	3.1	6.9%	2.90E+00	MAX
CARBON TETRACHLORIDE	56235	0.9	0.48	27 / 29	2.4 to 2.4	6.88E-01	1.76E-01	7.41E-01	LN	0.63	93.1%	7.41E-01	UCL
CHLORODIFLUOROMETHANE	75456	1000	0.52	27 / 27	NA to NA	7.66E+01	1.94E+02	6.15E+02	LN	5.6	100.0%	6.15E+02	UCL
CHLOROETHANE	75003	0.5	0.5	1 / 29	0.65 to 2.4	4.34E-01	2.18E-01	4.78E-01	LN	0.38	3.4%	4.78E-01	UCL
CHLOROFORM	67663	28	0.3	22 / 29	1.1 to 2.4	1.86E+00	5.07E+00	1.97E+00	LN	0.7	75.9%	1.97E+00	UCL
CHLOROMETHANE	74873	2.3	0.89	27 / 29	2.4 to 2.4	1.32E+00	3.53E-01	1.43E+00	LN	1.2	93.1%	1.43E+00	UCL
CYCLOHEXANE	110827	0.89	0.28	4 / 27	0.86 to 5.9	1.53E+00	1.13E+00	2.48E+00	LN	0.89	14.8%	8.90E-01	MAX
DICHLORODIFLUOROMETHANE	75718	21	2.2	28 / 28	NA to NA	5.22E+00	4.98E+00	6.25E+00	LN	3.6	100.0%	6.25E+00	UCL
ETHYL ACRYLATE	140885	3.8	0.34	9 / 27	0.86 to 5.9	1.57E+00	1.16E+00	2.44E+00	LN	0.98	33.3%	2.44E+00	UCL
ETHYL BENZENE	100414	1.3	0.24	24 / 28	1.1 to 2.4	5.61E-01	2.46E-01	6.44E-01	LN	0.49	85.7%	6.44E-01	UCL
HEXANE	110543	14	0.53	27 / 27	NA to NA	2.69E+00	2.82E+00	3.74E+00	LN	1.7	100.0%	3.74E+00	UCL
ISOPROPYLBENZENE	98828	0.29	0.27	2 / 29	1.1 to 2.4	6.35E-01	1.94E-01	7.05E-01	LN	0.55	6.9%	2.90E-01	MAX

Table C5. Data Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
METHYL ACETATE	79209	2.2	0.31	9 / 27	0.65 to 0.88	5.54E-01	4.69E-01	6.60E-01	LN	0.345	33.3%	6.60E-01	UCL
METHYL ETHYL KETONE	78933	19	1.1	22 / 27	2.4 to 8.5	3.52E+00	3.65E+00	4.48E+00	LN	2.2	81.5%	4.48E+00	UCL
METHYL METHACRYLATE	80626	24	0.54	19 / 27	0.88 to 4.3	5.68E+00	6.71E+00	1.43E+01	LN	2.8	70.4%	1.43E+01	UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	16	0.26	27 / 27	NA to NA	2.77E+00	3.46E+00	4.36E+00	LN	1.3	100.0%	4.36E+00	UCL
METHYLCYCLOHEXANE	108872	0.58	0.3	5 / 27	0.86 to 4.5	6.83E-01	5.46E-01	7.96E-01	LN	0.5	18.5%	5.80E-01	MAX
METHYLENE CHLORIDE	75092	1.5	0.26	17 / 29	0.65 to 2.4	5.04E-01	3.09E-01	5.89E-01	LN	0.4	58.6%	5.89E-01	UCL
N-PROPYLBENZENE	103651	0.56	0.23	7 / 29	1.1 to 2.4	6.06E-01	2.17E-01	6.93E-01	LN	0.55	24.1%	5.60E-01	MAX
O-XYLENE	95476	1.4	0.36	23 / 29	1.1 to 5.4	8.06E-01	4.48E-01	9.31E-01	LN	0.72	79.3%	9.31E-01	UCL
SEC-BUTYLBENZENE	135988	3.6	2.8	2 / 29	1.3 to 6.8	1.20E+00	9.69E-01	1.43E+00	LN	0.8	6.9%	1.43E+00	UCL
STYRENE	100425	1.8	0.24	15 / 29	0.88 to 110	5.12E+00	1.39E+01	6.24E+00	LN	1	51.7%	1.80E+00	MAX
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	0.97	0.24	12 / 29	1.5 to 6.2	8.03E-01	5.21E-01	9.77E-01	LN	0.75	41.4%	9.70E-01	MAX
TOLUENE	108883	120	1.4	29 / 29	NA to NA	2.60E+01	2.83E+01	5.32E+01	LN	15	100.0%	5.32E+01	UCL
TRANS-1,3-DICHLOROPROPENE	10061026	0.35	0.35	1 / 29	1.1 to 2.4	6.47E-01	1.78E-01	6.99E-01	LN	0.55	3.4%	3.50E-01	MAX
TRICHLOROFLUOROMETHANE (FREON 11)	75694	2.7	1.2	27 / 29	2.4 to 2.4	1.68E+00	3.96E-01	1.81E+00	LN	1.5	93.1%	1.81E+00	UCL
VINYL CHLORIDE	75014	0.48	0.42	2 / 29	0.65 to 2.4	4.40E-01	2.16E-01	4.84E-01	LN	0.4	6.9%	4.80E-01	MAX
ALUMINUM	7429905	24	0.19	25 / 25	NA to NA	3.61E+00	5.55E+00	9.58E+00	LN	0.83	100.0%	9.58E+00	UCL
ANTIMONY	7440360	0.0022	0.00026	11 / 25	0.006 to 0.017	2.67E-03	2.10E-03	4.94E-03	LN	0.00285	44.0%	2.20E-03	MAX
ARSENIC	7440382	0.0034	0.00047	25 / 25	NA to NA	1.38E-03	6.90E-04	1.62E-03	N	0.0013	100.0%	1.62E-03	UCL
BARIUM	7440393	0.023	0.0055	25 / 25	NA to NA	1.27E-02	4.96E-03	1.44E-02	N	0.012	100.0%	1.44E-02	UCL
BERYLLIUM	7440417	0.0001	0.000018	12 / 25	2E-05 to 2E-04	4.64E-05	2.70E-05	6.59E-05	LN	0.000041	48.0%	6.59E-05	UCL
CADMIUM	7440439	0.0034	0.00023	15 / 25	4E-04 to 0.002	7.44E-04	6.96E-04	1.00E-03	LN	0.00062	60.0%	1.00E-03	UCL
CALCIUM	7440702	15	1.5	25 / 25	NA to NA	5.98E+00	3.90E+00	7.90E+00	LN	5.3	100.0%	7.90E+00	UCL
CHROMIUM	18540299	0.0065	0.0027	25 / 25	NA to NA	4.00E-03	8.65E-04	4.30E-03	LN	0.0039	100.0%	4.30E-03	UCL
COBALT	7440484	0.0017	0.0012	2 / 25	7E-04 to 0.004	9.09E-04	4.18E-04	1.09E-03	LN	0.0007	8.0%	1.09E-03	UCL
COPPER	7440508	0.71	0.11	25 / 25	NA to NA	3.25E-01	1.43E-01	3.74E-01	N	0.29	100.0%	3.74E-01	UCL
IRON	7439896	1.1	0.21	25 / 25	NA to NA	5.45E-01	2.46E-01	6.29E-01	N	0.55	100.0%	6.29E-01	UCL
LEAD	7439921	0.022	0.004	14 / 25	0.006 to 0.029	8.51E-03	4.83E-03	1.05E-02	LN	0.0072	56.0%	1.05E-02	UCL
MAGNESIUM	7439954	1.7	0.16	24 / 25	0.79 to 0.79	6.63E-01	3.88E-01	7.95E-01	N	0.61	96.0%	7.95E-01	UCL
MANGANESE	7439965	0.04	0.0052	25 / 25	NA to NA	1.76E-02	9.21E-03	2.07E-02	N	0.015	100.0%	2.07E-02	UCL
MOLYBDENUM	7439987	0.0035	0.0015	4 / 25	0.001 to 0.003	1.14E-03	7.22E-04	1.35E-03	LN	0.00075	16.0%	1.35E-03	UCL
NICKEL	7440020	0.011	0.00065	25 / 25	NA to NA	5.22E-03	2.28E-03	6.00E-03	N	0.0053	100.0%	6.00E-03	UCL
POTASSIUM	7440097	0.26	0.14	3 / 25	0.28 to 1.1	2.83E-01	9.74E-02	3.26E-01	LN	0.285	12.0%	2.60E-01	MAX
SELENIUM	7782492	0.0071	0.00072	8 / 25	6E-04 to 0.017	3.17E-03	2.08E-03	3.88E-03	N	0.0029	32.0%	3.88E-03	UCL
SILVER	7440224	0.00031	0.00025	2 / 25	0.001 to 0.029	1.50E-03	2.74E-03	1.77E-03	LN	0.00075	8.0%	3.10E-04	MAX
SODIUM	7440235	6.1	0.72	24 / 25	1.4 to 1.4	1.16E+00	1.05E+00	1.30E+00	LN	0.94	96.0%	1.30E+00	UCL
STRONTIUM	7440246	0.014	0.0029	24 / 25	0.004 to 0.004	6.15E-03	3.15E-03	7.23E-03	N	0.0053	96.0%	7.23E-03	UCL
THALLIUM	7440280	0.000056	0.000027	6 / 25	2E-05 to 3E-04	5.27E-05	3.57E-05	7.45E-05	LN	0.000042	24.0%	5.60E-05	MAX
TIN	7440315	0.01	0.0034	4 / 25	0.003 to 0.012	3.68E-03	2.18E-03	4.69E-03	LN	0.00295	16.0%	4.69E-03	UCL
TITANIUM	7440326	0.018	0.0044	24 / 25	0.058 to 0.058	1.07E-02	5.91E-03	1.32E-02	LN	0.0085	96.0%	1.32E-02	UCL
VANADIUM	7440622	0.0065	0.00099	14 / 25	7E-04 to 0.004	1.84E-03	1.21E-03	2.40E-03	LN	0.0017	56.0%	2.40E-03	UCL
ZINC	7440666	0.12	0.0309	24 / 25	0.05 to 0.05	6.78E-02	2.23E-02	7.55E-02	N	0.065	96.0%	7.55E-02	UCL
4,4'-DDE (P,P'-DDE)	72559	0.000055	0.000055	1 / 1	NA to NA	5.50E-05	#DIV/0!	N/A	N/A	0.000055	100.0%	5.50E-05	MAX
4,4'-DDT (P,P'-DDT)	50293	0.00012	0.00012	1 / 1	NA to NA	1.20E-04	#DIV/0!	N/A	N/A	0.00012	100.0%	1.20E-04	MAX
ALPHA-CHLORDANE /2	5103719	0.00036	0.00036	1 / 1	NA to NA	3.60E-04	#DIV/0!	N/A	N/A	0.00036	100.0%	3.60E-04	MAX
ALPHA-CHLORDENE /2	--	0.000054	0.000054	1 / 1	NA to NA	5.40E-05	#DIV/0!	N/A	N/A	0.000054	100.0%	5.40E-05	MAX
BETA-BHC	319857	0.000078	0.000078	1 / 1	NA to NA	7.80E-05	#DIV/0!	N/A	N/A	0.000078	100.0%	7.80E-05	MAX
BETA-CHLORDENE /2	--	0.0000093	0.0000093	1 / 1	NA to NA	9.30E-06	#DIV/0!	N/A	N/A	0.0000093	100.0%	9.30E-06	MAX
ENDOSULFAN I (ALPHA)	959988	0.00023	0.00023	1 / 1	NA to NA	2.30E-04	#DIV/0!	N/A	N/A	0.00023	100.0%	2.30E-04	MAX
GAMMA-BHC (LINDANE)	58899	0.000054	0.000054	1 / 1	NA to NA	5.40E-05	#DIV/0!	N/A	N/A	0.000054	100.0%	5.40E-05	MAX

Table C5. Data Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
GAMMA-CHLORDANE /2	5103742	0.00031	0.00031	1 / 1	NA to NA	3.10E-04	#DIV/0!	N/A	N/A	0.00031	100.0%	3.10E-04	MAX
HEPTACHLOR	76448	0.00023	0.00023	1 / 1	NA to NA	2.30E-04	#DIV/0!	N/A	N/A	0.00023	100.0%	2.30E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.000061	0.000061	1 / 1	NA to NA	6.10E-05	#DIV/0!	N/A	N/A	0.000061	100.0%	6.10E-05	MAX
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	0.000022	0.000022	1 / 1	NA to NA	2.20E-05	#DIV/0!	N/A	N/A	0.000022	100.0%	2.20E-05	MAX
PCB Congener #52	1336363	0.0001	0.0001	1 / 1	NA to NA	1.00E-04	#DIV/0!	N/A	N/A	0.0001	100.0%	1.00E-04	MAX
PCB Congener #60	1336363	0.000032	0.000032	1 / 1	NA to NA	3.20E-05	#DIV/0!	N/A	N/A	0.000032	100.0%	3.20E-05	MAX

Table C6. TIC Data Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
(TRIMETHYLPHENYL)ETHANONE	0.4	0.4	1 / 25	NA to NA	4.00E-01	#DIV/0!	0.4
1 UNIDENTIFIED COMPOUND	0.2	0.04	4 / 25	NA to NA	8.00E-02	8.00E-02	0.04
1-METHYLNAPHTHALENE	0.04	0.04	1 / 25	NA to NA	4.00E-02	#DIV/0!	0.04
2 UNIDENTIFIED COMPOUNDS	0.1	0.1	1 / 25	NA to NA	1.00E-01	#DIV/0!	0.1
3 UNIDENTIFIED COMPOUNDS	0.5	0.2	4 / 25	NA to NA	2.75E-01	1.50E-01	0.2
BICYCLOOCTATRIENE	0.3	0.3	1 / 25	NA to NA	3.00E-01	#DIV/0!	0.3
BIS(ETHYLHEXYL)ADIPATE	0.0034	0.0034	1 / 25	NA to NA	3.40E-03	#DIV/0!	0.0034
CHLOROBUTADIENE	0.3	0.05	3 / 25	NA to NA	1.33E-01	1.44E-01	0.05
DECAHYDRONAPHTHALENE	0.04	0.04	1 / 25	NA to NA	4.00E-02	#DIV/0!	0.04
DICHLOROCYCLOOCTADIENE	0.2	0.07	2 / 25	NA to NA	1.35E-01	9.19E-02	0.135
DIETHYLBENZENE	0.04	0.04	1 / 25	NA to NA	4.00E-02	#DIV/0!	0.04
ETHYLDIMETHYLBENZENE	0.07	0.04	2 / 25	NA to NA	5.50E-02	2.12E-02	0.055
ETHYLDIMETHYLBENZENE (3 ISOMERS)	0.2	0.2	1 / 25	NA to NA	2.00E-01	#DIV/0!	0.2
METHYLCYCLOHEPTANONE	0.3	0.3	1 / 25	NA to NA	3.00E-01	#DIV/0!	0.3
METHYLPROPYLBENZENE	0.05	0.05	1 / 25	NA to NA	5.00E-02	#DIV/0!	0.05
METHYLSALICYLATE	0.3	0.3	1 / 25	NA to NA	3.00E-01	#DIV/0!	0.3
PHENYLBICYCLOHEXYL	0.04	0.04	2 / 25	NA to NA	4.00E-02	0.00E+00	0.04
ACETALDEHYDE	200	200	1 / 29	NA to NA	2.00E+02	#DIV/0!	200
BUTANE	400	20	20 / 29	NA to NA	8.70E+01	8.29E+01	65
BUTANOL	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
BUTENE	40	30	2 / 29	NA to NA	3.50E+01	7.07E+00	35
DECANE	100	30	11 / 29	NA to NA	5.55E+01	2.38E+01	50
DICHLOROFLUOROETHANE	40	40	1 / 29	NA to NA	4.00E+01	#DIV/0!	40
DICHLOROFLUOROMETHANE	1000	30	6 / 29	NA to NA	2.62E+02	3.69E+02	150
DIFLUOROETHANE	200	70	6 / 29	NA to NA	1.62E+02	6.01E+01	200
DIMETHYLHEPTANE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
ETHYLMETHYLCYCLOHEXANE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
ETHYLMETHYLCYCLOHEXANE (2 ISOMERS)	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
HEPTANAL	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
HEXANAL	50	50	1 / 29	NA to NA	5.00E+01	#DIV/0!	50
ISOBUTANE	50	30	3 / 29	NA to NA	4.00E+01	1.00E+01	40
METHYL BUTANE	400	20	26 / 29	NA to NA	8.77E+01	8.79E+01	65
METHYL PROPENE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
METHYL BUTENE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
METHYLHEPTANONE	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
METHYLPENTANONE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
METHYLPENTENE	100	100	1 / 29	NA to NA	1.00E+02	#DIV/0!	100
NONANAL	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30
NONENE	20	20	1 / 29	NA to NA	2.00E+01	#DIV/0!	20
OCTANONE	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
PENTANAL	20	20	1 / 29	NA to NA	2.00E+01	#DIV/0!	20
PENTANE	100	20	15 / 29	NA to NA	4.33E+01	2.16E+01	40
PENTANONE	50	50	1 / 29	NA to NA	5.00E+01	#DIV/0!	50
PROPANAL	100	100	1 / 29	NA to NA	1.00E+02	#DIV/0!	100
PROPYLCYCLOHEXANE	30	30	1 / 29	NA to NA	3.00E+01	#DIV/0!	30

Table C7. Data Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
HCL (CALCULATED FROM CL)	7647010	2.1	0.82	2 / 29	0.62 to 3.2	5.75E-01	4.49E-01	6.90E-01	LN	0.34	6.9%	6.90E-01	UCL
FORMALDEHYDE	50000	4.9	0.062	25 / 25	NA to NA	1.60E+00	1.14E+00	2.68E+00	LN	1.3	100.0%	2.68E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.036	0.0036	11 / 28	0.03 to 0.071	1.62E-02	8.13E-03	2.17E-02	LN	0.0175	39.3%	2.17E-02	UCL
1,1-BIPHENYL	92524	0.021	0.0042	21 / 28	0.033 to 0.071	1.08E-02	7.20E-03	1.35E-02	LN	0.00735	75.0%	1.35E-02	UCL
2-METHYL-4,6-DINITROPHENOL	534521	0.027	0.027	1 / 28	0.037 to 0.14	3.65E-02	7.80E-03	3.90E-02	LN	0.036	3.6%	2.70E-02	MAX
2-METHYLNAPHTHALENE	91576	0.11	0.0071	27 / 28	0.033 to 0.033	4.31E-02	2.36E-02	5.07E-02	N	0.0395	96.4%	5.07E-02	UCL
2-METHYLPHENOL	95487	0.02	0.004	6 / 28	0.03 to 0.071	1.68E-02	5.73E-03	2.03E-02	LN	0.018	21.4%	2.00E-02	MAX
2-NITROPHENOL	88755	0.1	0.0065	6 / 28	0.03 to 0.071	2.13E-02	1.64E-02	2.42E-02	LN	0.018	21.4%	2.42E-02	UCL
4-CHLOROANILINE	106478	0.0036	0.0036	1 / 28	0.03 to 0.071	1.81E-02	4.48E-03	2.08E-02	LN	0.018	3.6%	3.60E-03	MAX
4-NITROPHENOL	106445	0.035	0.013	5 / 28	0.037 to 0.14	3.39E-02	1.06E-02	3.87E-02	LN	0.03575	17.9%	3.50E-02	MAX
ACENAPHTHENE	83329	0.018	0.0031	11 / 28	0.033 to 0.071	1.49E-02	6.67E-03	1.91E-02	LN	0.0175	39.3%	1.80E-02	MAX
ACENAPHTHYLENE	208968	0.0067	0.0067	1 / 28	0.03 to 0.071	1.83E-02	4.13E-03	1.99E-02	LN	0.018	3.6%	6.70E-03	MAX
ACETOPHENONE	98862	0.08	0.0079	5 / 28	0.03 to 0.071	2.39E-02	1.71E-02	2.77E-02	LN	0.018	17.9%	2.77E-02	UCL
BENZALDEHYDE	100527	0.47	0.083	2 / 28	0.033 to 0.071	3.73E-02	8.57E-02	3.64E-02	LN	0.018	7.1%	3.64E-02	UCL
BENZO(B)FLUORANTHENE	205992	0.0048	0.0048	1 / 28	0.03 to 0.071	1.82E-02	4.34E-03	2.03E-02	LN	0.018	3.6%	4.80E-03	MAX
BIS(2-ETHYLHEXYL) PHTHALATE	117817	0.13	0.046	6 / 28	0.03 to 0.071	3.14E-02	2.76E-02	3.82E-02	LN	0.01875	21.4%	3.82E-02	UCL
DIBENZOFURAN	132649	0.02	0.0035	21 / 28	0.033 to 0.071	1.09E-02	7.57E-03	1.45E-02	LN	0.0085	75.0%	1.45E-02	UCL
DI-N-BUTYLPHTHALATE	84742	0.041	0.041	1 / 28	0.03 to 0.071	1.95E-02	5.46E-03	2.08E-02	LN	0.018	3.6%	2.08E-02	UCL
FLUORANTHENE	206440	0.009	0.004	7 / 28	0.03 to 0.071	1.55E-02	6.79E-03	2.00E-02	LN	0.0175	25.0%	9.00E-03	MAX
FLUORENE	86737	0.016	0.0032	15 / 28	0.033 to 0.071	1.31E-02	7.24E-03	1.73E-02	LN	0.014	53.6%	1.60E-02	MAX
HEXACHLOROBUTADIENE	87683	0.0065	0.0065	1 / 28	0.03 to 0.071	1.82E-02	4.15E-03	1.98E-02	LN	0.018	3.6%	6.50E-03	MAX
ISOPHORONE	78591	0.0049	0.004	2 / 28	0.03 to 0.071	1.77E-02	5.10E-03	2.09E-02	LN	0.018	7.1%	4.90E-03	MAX
NAPHTHALENE	91203	0.15	0.023	27 / 28	0.033 to 0.033	7.57E-02	3.31E-02	8.63E-02	N	0.075	96.4%	8.63E-02	UCL
NITROBENZENE	98953	0.014	0.014	1 / 28	0.03 to 0.071	1.85E-02	3.57E-03	1.94E-02	LN	0.018	3.6%	1.40E-02	MAX
PENTACHLOROPHENOL	87865	0.022	0.022	1 / 28	0.037 to 0.14	3.62E-02	8.09E-03	3.89E-02	LN	0.036	3.6%	2.20E-02	MAX
PHENANTHRENE	85018	0.029	0.0043	26 / 28	0.033 to 0.035	1.33E-02	6.83E-03	1.55E-02	N	0.012	92.9%	1.55E-02	UCL
PHENOL	108952	0.23	0.0095	19 / 28	0.033 to 0.071	4.48E-02	4.67E-02	6.05E-02	LN	0.022	67.9%	6.05E-02	UCL
PYRENE	129000	0.0069	0.0038	8 / 28	0.03 to 0.071	1.50E-02	7.22E-03	1.99E-02	LN	0.0175	28.6%	6.90E-03	MAX
(M- AND/OR P-)XYLENE	108383	3.8	0.46	26 / 30	2.1 to 3	1.77E+00	8.86E-01	2.04E+00	N	1.7	86.7%	2.04E+00	UCL
1,1,1-TRICHLOROETHANE	71556	0.42	0.24	15 / 30	1.1 to 2.5	5.58E-01	2.88E-01	2.17E-02	LN	0.485	50.0%	2.17E-02	UCL
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	0.9	0.52	27 / 27	NA to NA	6.55E-01	9.30E-02	6.86E-01	N	0.65	100.0%	6.86E-01	UCL
1,1,2-TRICHLOROETHANE	79005	0.32	0.32	1 / 30	1.2 to 2.5	7.99E-01	1.84E-01	8.70E-01	LN	0.8	3.3%	3.20E-01	MAX
1,2,4-TRIMETHYLBENZENE	95636	1.3	0.26	20 / 30	1.1 to 2.5	7.04E-01	2.76E-01	7.90E-01	N	0.66	66.7%	7.90E-01	UCL
1,3,5-TRIMETHYLBENZENE	108678	0.38	0.25	3 / 30	1.1 to 2.5	6.61E-01	2.17E-01	7.43E-01	LN	0.6	10.0%	3.80E-01	MAX
1,3-BUTADIENE	106990	25	0.38	18 / 30	0.43 to 2.5	3.28E+00	6.24E+00	6.27E+00	LN	1.075	60.0%	6.27E+00	UCL
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	13	0.31	14 / 27	0.85 to 1.2	1.98E+00	3.37E+00	2.85E+00	LN	0.6	51.9%	2.85E+00	UCL
ACETONE	67641	30	4.9	19 / 27	10 to 55	1.51E+01	6.52E+00	1.72E+01	N	14	70.4%	1.72E+01	UCL
BENZENE	71432	3	0.46	26 / 30	2.1 to 8.1	1.53E+00	7.48E-01	1.81E+00	LN	1.4	86.7%	1.81E+00	UCL
CARBON DISULFIDE	75150	12	12	1 / 30	0.88 to 19	3.68E+00	2.91E+00	5.12E+00	LN	2.35	3.3%	5.12E+00	UCL
CARBON TETRACHLORIDE	56235	0.93	0.49	27 / 30	2.1 to 2.5	7.16E-01	1.88E-01	7.73E-01	LN	0.675	90.0%	7.73E-01	UCL
CHLORODIFLUOROMETHANE	75456	170	0.46	27 / 27	NA to NA	1.31E+01	3.48E+01	2.11E+01	LN	2	100.0%	2.11E+01	UCL
CHLOROFORM	67663	9	0.27	19 / 30	1.1 to 2.5	2.09E+00	2.35E+00	3.35E+00	LN	1.075	63.3%	3.35E+00	UCL
CHLOROMETHANE	74873	2.4	0.77	27 / 30	2.1 to 2.5	1.28E+00	3.70E-01	1.39E+00	LN	1.2	90.0%	1.39E+00	UCL
CYCLOHEXANE	110827	0.6	0.23	4 / 27	0.9 to 6.2	1.64E+00	1.20E+00	2.78E+00	LN	2.15	14.8%	6.00E-01	MAX
DICHLORODIFLUOROMETHANE	75718	20	2.2	29 / 29	NA to NA	4.71E+00	4.71E+00	5.53E+00	LN	3	100.0%	5.53E+00	UCL
ETHYL ACRYLATE	140885	0.84	0.35	3 / 27	0.88 to 6.2	1.76E+00	1.17E+00	2.85E+00	LN	2.15	11.1%	8.40E-01	MAX
ETHYL BENZENE	100414	1	0.29	22 / 30	1.1 to 2.5	6.35E-01	2.59E-01	7.33E-01	LN	0.61	73.3%	7.33E-01	UCL
HEXANE	110543	12	0.78	26 / 27	1.1 to 1.1	2.88E+00	2.85E+00	3.84E+00	LN	2.2	96.3%	3.84E+00	UCL
METHYL ACETATE	79209	3.4	0.34	11 / 27	0.43 to 0.9	6.36E-01	7.11E-01	7.68E-01	LN	0.36	40.7%	7.68E-01	UCL

Table C7. Data Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
METHYL ETHYL KETONE	78933	5.3	0.85	22 / 27	4.6 to 8	2.34E+00	1.16E+00	2.72E+00	N	2.3	81.5%	2.72E+00	UCL
METHYL METHACRYLATE	80626	6.4	0.51	14 / 27	0.88 to 4.3	1.71E+00	1.73E+00	2.57E+00	LN	0.61	51.9%	2.57E+00	UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	7.8	0.28	27 / 27	NA to NA	3.10E+00	2.06E+00	3.78E+00	N	2.7	100.0%	3.78E+00	UCL
METHYLCYCLOHEXANE	108872	0.72	0.23	11 / 27	0.8 to 4.3	6.01E-01	4.62E-01	7.06E-01	LN	0.48	40.7%	7.06E-01	UCL
METHYLENE CHLORIDE	75092	2.8	0.25	20 / 30	0.64 to 2.5	7.57E-01	6.23E-01	9.39E-01	LN	0.49	66.7%	9.39E-01	UCL
O-XYLENE	95476	1.4	0.23	23 / 30	1.2 to 5.3	7.57E-01	4.66E-01	9.18E-01	LN	0.65	76.7%	9.18E-01	UCL
SEC-BUTYLBENZENE	135988	3	3	1 / 30	1.2 to 7.2	1.15E+00	8.61E-01	1.33E+00	LN	0.85	3.3%	1.33E+00	UCL
STYRENE	100425	2.4	0.38	6 / 30	0.88 to 120	5.95E+00	1.35E+01	9.52E+00	LN	2.45	20.0%	2.40E+00	MAX
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	0.54	0.25	6 / 30	1.1 to 2.5	8.08E-01	2.76E-01	9.63E-01	LN	0.825	20.0%	5.40E-01	MAX
TOLUENE	108883	140	0.67	30 / 30	NA to NA	1.83E+01	3.02E+01	3.35E+01	LN	6.7	100.0%	3.35E+01	UCL
TRICHLOROFLUOROMETHANE (FREON 11)	75694	3	1.2	27 / 30	2.1 to 2.5	1.66E+00	4.24E-01	2.17E-02	LN	1.55	90.0%	2.17E-02	UCL
ALUMINUM	7429905	1.6	0.12	26 / 28	0.29 to 0.29	4.03E-01	4.15E-01	2.17E-02	LN	0.24	92.9%	2.17E-02	UCL
ANTIMONY	7440360	0.0086	0.00022	10 / 28	3E-04 to 0.012	2.79E-03	2.18E-03	2.17E-02	LN	0.00285	35.7%	8.60E-03	MAX
ARSENIC	7440382	0.011	0.00052	28 / 28	NA to NA	1.69E-03	1.96E-03	2.00E-03	LN	0.00115	100.0%	2.00E-03	UCL
BARIUM	7440393	0.03	0.001	28 / 28	NA to NA	1.01E-02	5.78E-03	1.35E-02	LN	0.00835	100.0%	1.35E-02	UCL
BERYLLIUM	7440417	0.000065	0.000016	12 / 28	1E-05 to 1E-04	3.66E-05	2.59E-05	5.36E-05	LN	0.0000255	42.9%	5.36E-05	UCL
CADMIUM	7440439	0.0056	0.00022	17 / 28	3E-04 to 0.001	9.94E-04	1.07E-03	1.38E-03	LN	0.0007	60.7%	1.38E-03	UCL
CALCIUM	7440702	7.8	0.9	28 / 28	NA to NA	2.75E+00	1.56E+00	3.38E+00	LN	2.3	100.0%	3.38E+00	UCL
CHROMIUM	18540299	0.0055	0.0024	28 / 28	NA to NA	3.25E-03	7.58E-04	3.48E-03	LN	0.0031	100.0%	3.48E-03	UCL
COBALT	7440484	0.00096	0.00096	1 / 28	7E-04 to 0.003	7.61E-04	2.79E-04	8.60E-04	LN	0.0007	3.6%	8.60E-04	UCL
COPPER	7440508	1	0.064	28 / 28	NA to NA	3.03E-01	2.12E-01	4.14E-01	LN	0.245	100.0%	4.14E-01	UCL
IRON	7439896	1.5	0.16	27 / 28	0.14 to 0.14	3.96E-01	2.67E-01	4.96E-01	LN	0.315	96.4%	4.96E-01	UCL
LEAD	7439921	0.019	0.0025	10 / 28	0.005 to 0.035	7.00E-03	4.59E-03	8.76E-03	LN	0.00545	35.7%	8.76E-03	UCL
MAGNESIUM	7439954	1.6	0.14	26 / 28	0.14 to 0.14	4.17E-01	3.07E-01	5.67E-01	LN	0.34	92.9%	5.67E-01	UCL
MANGANESE	7439965	0.056	0.0043	28 / 28	NA to NA	1.36E-02	9.84E-03	1.64E-02	LN	0.0105	100.0%	1.64E-02	UCL
MOLYBDENUM	7439987	0.0029	0.0016	4 / 28	0.001 to 0.003	9.68E-04	5.22E-04	1.10E-03	LN	0.0007	14.3%	1.10E-03	UCL
NICKEL	7440020	0.0077	0.0004	28 / 28	NA to NA	3.91E-03	1.72E-03	4.47E-03	N	0.0036	100.0%	4.47E-03	UCL
POTASSIUM	7440097	0.18	0.087	3 / 28	0.28 to 1.1	2.59E-01	8.78E-02	3.00E-01	LN	0.285	10.7%	1.80E-01	MAX
SELENIUM	7782492	0.0043	0.00074	8 / 28	6E-04 to 0.013	2.92E-03	1.71E-03	4.28E-03	LN	0.0029	28.6%	4.28E-03	UCL
SILVER	7440224	0.0004	0.00024	2 / 28	7E-04 to 0.03	1.32E-03	2.70E-03	1.44E-03	LN	0.0007	7.1%	4.00E-04	MAX
SODIUM	7440235	2.5	0.59	27 / 28	1.5 to 1.5	9.16E-01	3.67E-01	1.01E+00	LN	0.76	96.4%	1.01E+00	UCL
STRONTIUM	7440246	0.0091	0.0015	26 / 28	0.003 to 0.003	3.76E-03	1.79E-03	4.54E-03	LN	0.0036	92.9%	4.54E-03	UCL
THALLIUM	7440280	0.000064	0.000041	2 / 28	1E-05 to 3E-04	4.58E-05	3.64E-05	7.05E-05	LN	0.0000355	7.1%	6.40E-05	MAX
TITANIUM	7440326	0.018	0.0031	26 / 28	0.003 to 0.061	7.17E-03	5.63E-03	8.87E-03	LN	0.00545	92.9%	8.87E-03	UCL
VANADIUM	7440622	0.0032	0.0012	6 / 28	7E-04 to 0.003	1.10E-03	6.13E-04	1.34E-03	LN	0.00075	21.4%	1.34E-03	UCL
ZINC	7440666	0.13	0.044	26 / 28	0.05 to 0.06	5.85E-02	1.97E-02	6.51E-02	LN	0.054	92.9%	6.51E-02	UCL
4,4'-DDE (P,P'-DDE)	72559	0.00011	0.00011	1 / 1	NA to NA	1.10E-04	#DIV/0!	N/A	N/A	0.00011	100.0%	1.10E-04	MAX
4,4'-DDT (P,P'-DDT)	50293	0.00012	0.00012	1 / 1	NA to NA	1.20E-04	#DIV/0!	N/A	N/A	0.00012	100.0%	1.20E-04	MAX
ALPHA-CHLORDANE /2	5103719	0.00029	0.00029	1 / 1	NA to NA	2.90E-04	#DIV/0!	N/A	N/A	0.00029	100.0%	2.90E-04	MAX
ALPHA-CHLORDENE /2	--	0.000028	0.000028	1 / 1	NA to NA	2.80E-05	#DIV/0!	N/A	N/A	0.000028	100.0%	2.80E-05	MAX
BETA-CHLORDENE /2	--	0.000066	0.000066	1 / 1	NA to NA	6.60E-05	#DIV/0!	N/A	N/A	0.000066	100.0%	6.60E-05	MAX
ENDOSULFAN I (ALPHA)	959988	0.00021	0.00021	1 / 1	NA to NA	2.10E-04	#DIV/0!	N/A	N/A	0.00021	100.0%	2.10E-04	MAX
GAMMA-CHLORDANE /2	5103742	0.00025	0.00025	1 / 1	NA to NA	2.50E-04	#DIV/0!	N/A	N/A	0.00025	100.0%	2.50E-04	MAX
HEPTACHLOR	76448	0.00015	0.00015	1 / 1	NA to NA	1.50E-04	#DIV/0!	N/A	N/A	0.00015	100.0%	1.50E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.000059	0.000059	1 / 1	NA to NA	5.90E-05	#DIV/0!	N/A	N/A	0.000059	100.0%	5.90E-05	MAX
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	0.000013	0.000013	1 / 1	NA to NA	1.30E-05	#DIV/0!	N/A	N/A	0.000013	100.0%	1.30E-05	MAX
PCB Congener #52	1336363	0.000046	0.000046	1 / 1	NA to NA	4.60E-05	#DIV/0!	N/A	N/A	0.000046	100.0%	4.60E-05	MAX
PCB Congener #60	1336363	0.000024	0.000024	1 / 1	NA to NA	2.40E-05	#DIV/0!	N/A	N/A	0.000024	100.0%	2.40E-05	MAX

Table C8. TIC Data Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
1 UNIDENTIFIED COMPOUND	0.3	0.01	4 / 28	NA to NA	1.23E-01	1.24E-01	0.09
1-METHYLNAPHTHALENE	0.05	0.05	2 / 28	NA to NA	5.00E-02	0.00E+00	0.05
2 UNIDENTIFIED COMPOUNDS	0.1	0.1	2 / 28	NA to NA	1.00E-01	0.00E+00	0.1
4 UNIDENTIFIED COMPOUNDS	0.4	0.4	1 / 28	NA to NA	4.00E-01	#DIV/0!	0.4
BENZOCYCLOHEPTATRIENE	0.04	0.04	1 / 28	NA to NA	4.00E-02	#DIV/0!	0.04
BENZOIC ACID	0.2	0.06	2 / 28	NA to NA	1.30E-01	9.90E-02	0.13
BIS(ETHYLHEXYL)ADIPATE	0.011	0.011	1 / 28	NA to NA	1.10E-02	#DIV/0!	0.011
DIETHYLBIPHENYL (2 ISOMERS)	0.08	0.08	1 / 28	NA to NA	8.00E-02	#DIV/0!	0.08
DIMETHYLOCTATRIENE	0.04	0.04	1 / 28	NA to NA	4.00E-02	#DIV/0!	0.04
ETHYLBENZOIC ACID	0.04	0.04	2 / 28	NA to NA	4.00E-02	0.00E+00	0.04
ETHYLDIMETHYLBENZENE	0.05	0.04	2 / 28	NA to NA	4.50E-02	7.07E-03	0.045
METHYL(METHYLETHYL)BENZENE	0.04	0.04	1 / 28	NA to NA	4.00E-02	#DIV/0!	0.04
METHYLPROPYLBENZENE	0.06	0.06	2 / 28	NA to NA	6.00E-02	0.00E+00	0.06
PROPYLBENZAMIDE	0.07	0.07	1 / 28	NA to NA	7.00E-02	#DIV/0!	0.07
BUTANE	500	20	23 / 30	NA to NA	1.10E+02	1.28E+02	50
BUTENE	50	50	1 / 30	NA to NA	5.00E+01	#DIV/0!	50
DICHLOROFLUOROMETHANE	300	40	3 / 30	NA to NA	1.43E+02	1.38E+02	90
DIFLUOROETHANE	300	40	3 / 30	NA to NA	1.43E+02	1.38E+02	90
ETHANOL	30	30	1 / 30	NA to NA	3.00E+01	#DIV/0!	30
ETHENYL CYCLOHEXANE	30	30	1 / 30	NA to NA	3.00E+01	#DIV/0!	30
ISOBUTANE	40	30	3 / 30	NA to NA	3.33E+01	5.77E+00	30
METHYL BUTADIENE	20	20	1 / 30	NA to NA	2.00E+01	#DIV/0!	20
METHYL BUTANE	300	30	21 / 30	NA to NA	9.76E+01	7.48E+01	60
PENTANE	90	20	10 / 30	NA to NA	5.10E+01	2.56E+01	45

Table C9. Data Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
HCL (CALCULATED FROM CL)	7647010	0.71	0.71	1 / 27	0.61 to 3.3	5.55E-01	3.60E-01	6.60E-01	LN	0.345	3.7%	6.60E-01	UCL
FORMALDEHYDE	50000	3.5	0.49	24 / 24	NA to NA	1.46E+00	7.92E-01	1.80E+00	LN	1.3	100.0%	1.80E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.024	0.0036	11 / 28	0.033 to 0.079	1.62E-02	8.61E-03	2.23E-02	LN	0.01825	39.3%	2.23E-02	UCL
1,1-BIPHENYL	92524	0.013	0.0037	22 / 28	0.036 to 0.05	1.05E-02	6.31E-03	1.30E-02	LN	0.00855	78.6%	1.30E-02	MAX
2,4,6-TRICHLOROPHENOL	88062	0.015	0.015	1 / 28	0.033 to 0.079	2.05E-02	4.64E-03	2.18E-02	LN	0.01875	3.6%	1.50E-02	MAX
2-METHYLNAPHTHALENE	91576	0.097	0.017	28 / 28	NA to NA	4.71E-02	2.04E-02	5.37E-02	N	0.046	100.0%	5.37E-02	UCL
2-METHYLPHENOL	95487	0.009	0.0048	5 / 28	0.033 to 0.079	1.82E-02	7.08E-03	2.24E-02	LN	0.0185	17.9%	9.00E-03	MAX
2-NITROPHENOL	88755	0.017	0.0074	7 / 28	0.033 to 0.079	1.89E-02	5.81E-03	2.11E-02	LN	0.018	25.0%	1.70E-02	MAX
4-NITROPHENOL	106445	0.027	0.012	4 / 28	0.045 to 0.16	3.79E-02	1.27E-02	4.36E-02	LN	0.03675	14.3%	2.70E-02	MAX
ACENAPHTHENE	83329	0.04	0.0038	16 / 28	0.035 to 0.05	1.58E-02	9.31E-03	1.88E-02	N	0.01625	57.1%	1.88E-02	UCL
ACENAPHTHYLENE	208968	0.0079	0.0052	3 / 28	0.033 to 0.079	1.90E-02	6.29E-03	2.24E-02	LN	0.0185	10.7%	7.90E-03	MAX
ACETOPHENONE	98862	0.087	0.0086	3 / 28	0.033 to 0.079	2.44E-02	1.56E-02	2.79E-02	LN	0.01925	10.7%	2.79E-02	UCL
BENZALDEHYDE	100527	0.23	0.095	2 / 28	0.033 to 0.079	3.11E-02	4.16E-02	3.44E-02	LN	0.01975	7.1%	3.44E-02	UCL
BIS(2-ETHYLHEXYL) PHTHALATE	117817	0.12	0.036	10 / 28	0.033 to 0.05	3.98E-02	3.12E-02	5.04E-02	LN	0.023	35.7%	5.04E-02	UCL
DIBENZOFURAN	132649	0.03	0.0049	21 / 28	0.034 to 0.05	1.29E-02	7.34E-03	1.64E-02	LN	0.011	75.0%	1.64E-02	UCL
FLUORANTHENE	206440	0.058	0.0039	15 / 28	0.035 to 0.05	1.59E-02	1.12E-02	2.18E-02	LN	0.01775	53.6%	2.18E-02	UCL
FLUORENE	86737	0.025	0.0037	19 / 28	0.036 to 0.05	1.29E-02	7.95E-03	1.72E-02	LN	0.0094	67.9%	1.72E-02	UCL
ISOPHORONE	78591	0.032	0.0041	3 / 28	0.033 to 0.079	2.01E-02	6.53E-03	2.41E-02	LN	0.01875	10.7%	2.41E-02	UCL
NAPHTHALENE	91203	0.25	0.035	27 / 28	0.14 to 0.14	1.09E-01	4.80E-02	1.25E-01	N	0.105	96.4%	1.25E-01	UCL
PENTACHLOROPHENOL	87865	0.032	0.013	3 / 28	0.045 to 0.16	3.91E-02	1.22E-02	4.48E-02	LN	0.03775	10.7%	3.20E-02	MAX
PHENANTHRENE	85018	0.19	0.0054	26 / 28	0.036 to 0.045	2.71E-02	3.53E-02	3.50E-02	LN	0.0185	92.9%	3.50E-02	UCL
PHENOL	108952	0.05	0.0026	12 / 28	0.035 to 0.079	2.08E-02	1.03E-02	2.70E-02	LN	0.01875	42.9%	2.70E-02	UCL
PYRENE	129000	0.013	0.0045	10 / 28	0.033 to 0.05	1.57E-02	6.70E-03	1.98E-02	LN	0.01775	35.7%	1.30E-02	MAX
(M- AND/OR P-)XYLENE	108383	8	0.3	27 / 30	2.4 to 6.9	2.62E+00	2.15E+00	3.97E+00	LN	1.925	90.0%	3.97E+00	UCL
1,1,1-TRICHLOROETHANE	71556	0.42	0.24	18 / 30	1.1 to 2.5	4.76E-01	2.62E-01	5.59E-01	LN	0.35	60.0%	4.20E-01	MAX
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	0.91	0.48	27 / 28	2.4 to 2.4	6.76E-01	1.48E-01	7.21E-01	LN	0.655	96.4%	7.21E-01	UCL
1,1,2-TRICHLOROETHANE	79005	0.34	0.34	1 / 30	1.3 to 2.5	7.51E-01	1.64E-01	8.08E-01	LN	0.725	3.3%	3.40E-01	MAX
1,2,4-TRIMETHYLBENZENE	95636	3.9	0.27	23 / 30	1.1 to 2.5	9.43E-01	7.46E-01	1.18E+00	LN	0.705	76.7%	1.18E+00	UCL
1,2-DICHLOROETHANE	1070602	0.31	0.31	1 / 30	0.85 to 2.5	5.31E-01	1.98E-01	5.77E-01	LN	0.485	3.3%	3.10E-01	MAX
1,3,5-TRIMETHYLBENZENE	108678	1.1	0.24	7 / 30	1.1 to 2.5	6.24E-01	2.19E-01	6.99E-01	LN	0.55	23.3%	6.99E-01	UCL
1,3-BUTADIENE	106990	1.5	0.23	13 / 30	0.43 to 2.5	4.64E-01	3.52E-01	5.68E-01	LN	0.2875	43.3%	5.68E-01	UCL
1,4-DICHLOROBENZENE	106467	0.92	0.31	6 / 30	1.3 to 2.5	7.30E-01	1.89E-01	8.04E-01	LN	0.7	20.0%	8.04E-01	UCL
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	2.2	0.33	5 / 28	0.85 to 1.2	6.33E-01	4.50E-01	7.22E-01	LN	0.4875	17.9%	7.22E-01	UCL
ACETONE	67641	45	5.6	18 / 28	11 to 55	1.48E+01	8.86E+00	1.80E+01	LN	12	64.3%	1.80E+01	UCL
BENZENE	71432	3	0.55	27 / 30	0.89 to 2.5	1.38E+00	7.07E-01	1.65E+00	LN	1.225	90.0%	1.65E+00	UCL
BROMOMETHANE	74839	0.26	0.26	1 / 30	0.85 to 2.5	5.33E-01	2.00E-01	5.83E-01	LN	0.4975	3.3%	2.60E-01	MAX
CARBON DISULFIDE	75150	3.8	0.48	2 / 30	0.75 to 16	3.12E+00	2.28E+00	4.52E+00	LN	2.125	6.7%	3.80E+00	MAX
CARBON TETRACHLORIDE	56235	0.97	0.48	27 / 30	1.8 to 2.5	6.92E-01	1.92E-01	7.49E-01	LN	0.63	90.0%	7.49E-01	UCL
CHLORODIFLUOROMETHANE	75456	27	0.7	27 / 28	0.89 to 0.89	3.72E+00	6.09E+00	5.17E+00	LN	1.5	96.4%	5.17E+00	UCL
CHLOROFORM	67663	4.5	0.25	5 / 30	1.1 to 2.5	7.56E-01	7.31E-01	8.40E-01	LN	0.585	16.7%	8.40E-01	UCL
CHLOROMETHANE	74873	2.6	0.81	27 / 30	0.6 to 2.5	1.24E+00	4.01E-01	1.41E+00	LN	1.2	90.0%	1.41E+00	UCL
CYCLOHEXANE	110827	0.76	0.23	2 / 28	0.85 to 6	1.60E+00	1.10E+00	2.59E+00	LN	2.15	7.1%	7.60E-01	MAX
DICHLORODIFLUOROMETHANE	75718	25	2.2	28 / 29	1.5 to 1.5	4.36E+00	4.73E+00	5.17E+00	LN	2.9	96.6%	5.17E+00	UCL
ETHYL BENZENE	100414	2	0.26	20 / 30	1.1 to 2.5	8.20E-01	4.52E-01	1.01E+00	LN	0.66	66.7%	1.01E+00	UCL
HEXANE	110543	14	0.71	25 / 28	0.86 to 1.2	2.97E+00	3.64E+00	4.39E+00	LN	1.35	89.3%	4.39E+00	UCL
METHYL ACETATE	79209	0.51	0.29	6 / 28	0.64 to 2.1	3.96E-01	1.38E-01	4.26E-01	LN	0.3625	21.4%	4.26E-01	UCL
METHYL ETHYL KETONE	78933	12	1.2	26 / 28	1.8 to 5.5	2.99E+00	2.23E+00	3.70E+00	LN	2.725	92.9%	3.70E+00	UCL
METHYL ISOBUTYL KETONE	108101	0.95	0.78	2 / 28	4.3 to 6	2.35E+00	4.98E-01	2.62E+00	LN	2.325	7.1%	9.50E-01	MAX
METHYL METHACRYLATE	80626	1.2	1.1	2 / 28	0.85 to 4.6	7.27E-01	5.50E-01	8.50E-01	LN	0.5	7.1%	8.50E-01	UCL

Table C9. Data Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	8.8	0.33	27 / 28	1.2 to 1.2	2.16E+00	2.35E+00	3.02E+00	LN	1.15	96.4%	3.02E+00	UCL
METHYLCYCLOHEXANE	108872	0.99	0.26	9 / 28	0.85 to 4.3	6.54E-01	4.54E-01	7.61E-01	LN	0.5	32.1%	7.61E-01	UCL
METHYLENE CHLORIDE	75092	1.5	0.24	18 / 30	0.65 to 2.5	5.84E-01	3.66E-01	7.06E-01	LN	0.43	60.0%	7.06E-01	UCL
N-PROPYLBENZENE	103651	0.6	0.26	5 / 30	1.1 to 2.5	6.03E-01	2.04E-01	6.74E-01	LN	0.55	16.7%	6.00E-01	MAX
O-XYLENE	95476	2.5	0.26	20 / 30	1.1 to 5.4	1.03E+00	6.96E-01	1.31E+00	LN	0.73	66.7%	1.31E+00	UCL
SEC-BUTYLBENZENE	135988	3.3	2.8	2 / 30	1.3 to 6.9	1.16E+00	9.37E-01	1.36E+00	LN	0.75	6.7%	1.36E+00	UCL
STYRENE	100425	1.1	0.27	6 / 30	0.85 to 110	5.19E+00	1.36E+01	7.53E+00	LN	2.15	20.0%	1.10E+00	MAX
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	1	0.26	12 / 30	1.5 to 2.5	7.46E-01	2.53E-01	8.24E-01	N	0.775	40.0%	8.24E-01	UCL
TOLUENE	108883	15	1.2	29 / 30	1.2 to 1.2	4.64E+00	3.43E+00	6.31E+00	LN	3.45	96.7%	6.31E+00	UCL
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	0.83	0.83	1 / 30	1.1 to 7.5	1.88E+00	1.37E+00	2.82E+00	LN	1.225	3.3%	8.30E-01	MAX
TRICHLOROFLUOROMETHANE (FREON 11)	75694	2.9	1.2	27 / 30	1.8 to 2.5	1.70E+00	4.53E-01	1.84E+00	N	1.65	90.0%	1.84E+00	UCL
VINYL CHLORIDE	75014	0.3	0.3	1 / 30	0.64 to 2.5	4.28E-01	2.21E-01	4.70E-01	LN	0.375	3.3%	3.00E-01	MAX
ALUMINUM	7429905	0.73	0.14	23 / 25	0.29 to 0.57	3.50E-01	1.81E-01	4.38E-01	LN	0.29	92.0%	4.38E-01	UCL
ANTIMONY	7440360	0.0088	0.00032	12 / 25	0.006 to 0.012	2.75E-03	2.28E-03	4.99E-03	LN	0.00275	48.0%	4.99E-03	UCL
ARSENIC	7440382	0.0023	0.00044	25 / 25	NA to NA	1.26E-03	6.09E-04	1.53E-03	LN	0.0011	100.0%	1.53E-03	UCL
BARIUM	7440393	0.032	0.0066	25 / 25	NA to NA	1.46E-02	6.82E-03	1.74E-02	LN	0.013	100.0%	1.74E-02	UCL
BERYLLIUM	7440417	0.000054	0.000014	7 / 25	1E-05 to 1E-04	3.45E-05	2.68E-05	5.58E-05	LN	0.000022	28.0%	5.40E-05	MAX
CADMIUM	7440439	0.00093	0.0003	9 / 25	3E-04 to 0.001	4.61E-04	1.98E-04	5.28E-04	N	0.00042	36.0%	5.28E-04	UCL
CALCIUM	7440702	7.4	0.93	25 / 25	NA to NA	3.72E+00	2.06E+00	4.89E+00	LN	3.1	100.0%	4.89E+00	UCL
CHROMIUM	18540299	0.013	0.0026	25 / 25	NA to NA	4.72E-03	2.59E-03	5.49E-03	LN	0.004	100.0%	5.49E-03	UCL
COBALT	7440484	0.0057	0.00082	6 / 25	7E-04 to 0.003	1.38E-03	1.45E-03	1.81E-03	LN	0.0007	24.0%	1.81E-03	UCL
COPPER	7440508	0.32	0.01	25 / 25	NA to NA	1.20E-01	6.98E-02	1.44E-01	N	0.11	100.0%	1.44E-01	UCL
IRON	7439896	1.2	0.2	25 / 25	NA to NA	6.09E-01	3.26E-01	7.74E-01	LN	0.51	100.0%	7.74E-01	UCL
LEAD	7439921	0.027	0.0056	14 / 25	0.001 to 0.028	1.03E-02	6.22E-03	1.24E-02	N	0.0092	56.0%	1.24E-02	UCL
MAGNESIUM	7439954	1.3	0.16	25 / 25	NA to NA	6.12E-01	3.98E-01	8.62E-01	LN	0.44	100.0%	8.62E-01	UCL
MANGANESE	7439965	0.047	0.0066	25 / 25	NA to NA	2.03E-02	1.13E-02	2.56E-02	LN	0.014	100.0%	2.56E-02	UCL
MOLYBDENUM	7439987	0.013	0.0015	13 / 25	0.001 to 0.003	2.56E-03	2.89E-03	3.71E-03	LN	0.0015	52.0%	3.71E-03	UCL
NICKEL	7440020	0.056	0.00071	25 / 25	NA to NA	9.36E-03	1.19E-02	1.33E-02	LN	0.0053	100.0%	1.33E-02	UCL
POTASSIUM	7440097	0.36	0.13	6 / 25	0.27 to 1.1	2.78E-01	7.80E-02	3.12E-01	LN	0.28	24.0%	3.12E-01	UCL
SELENIUM	7782492	0.003	0.00086	9 / 25	6E-04 to 0.012	2.67E-03	1.73E-03	3.85E-03	LN	0.0026	36.0%	3.00E-03	MAX
SILVER	7440224	0.00025	0.00022	2 / 25	7E-04 to 0.03	1.40E-03	2.86E-03	1.62E-03	LN	0.0007	8.0%	2.50E-04	MAX
SODIUM	7440235	3.9	0.6	24 / 25	1.4 to 1.4	1.10E+00	7.16E-01	1.28E+00	LN	0.8	96.0%	1.28E+00	UCL
STRONTIUM	7440246	0.01	0.0016	25 / 25	NA to NA	4.92E-03	2.22E-03	5.68E-03	N	0.0048	100.0%	5.68E-03	UCL
THALLIUM	7440280	0.000047	0.000035	3 / 25	2E-05 to 3E-04	4.23E-05	3.10E-05	6.29E-05	LN	0.000035	12.0%	4.70E-05	MAX
TIN	7440315	0.0079	0.0062	2 / 25	0.003 to 0.011	3.09E-03	1.75E-03	3.85E-03	LN	0.0028	8.0%	3.85E-03	UCL
TITANIUM	7440326	0.021	0.0035	24 / 25	0.057 to 0.057	9.62E-03	6.05E-03	1.21E-02	LN	0.0084	96.0%	1.21E-02	UCL
VANADIUM	7440622	0.0023	0.001	5 / 25	0.001 to 0.003	1.13E-03	5.03E-04	1.33E-03	LN	0.00075	20.0%	1.33E-03	UCL
YTTRIUM	7440655	0.00055	0.00044	2 / 25	4E-04 to 0.003	5.76E-04	3.95E-04	6.99E-04	LN	0.00043	8.0%	5.50E-04	MAX
ZINC	7440666	0.24	0.028	24 / 25	0.06 to 0.06	7.76E-02	4.62E-02	9.52E-02	LN	0.066	96.0%	9.52E-02	UCL
ALPHA-CHLORDANE /2	5103719	0.00025	0.00025	1 / 1	NA to NA	2.50E-04	#DIV/0!	N/A	N/A	0.00025	100.0%	2.50E-04	MAX
ALPHA-CHLORDENE /2	--	0.000029	0.000029	1 / 1	NA to NA	2.90E-05	#DIV/0!	N/A	N/A	0.000029	100.0%	2.90E-05	MAX
BETA-CHLORDENE /2	--	0.000052	0.000052	1 / 1	NA to NA	5.20E-05	#DIV/0!	N/A	N/A	0.000052	100.0%	5.20E-05	MAX
DIELDRIN	60571	0.00021	0.00021	1 / 1	NA to NA	2.10E-04	#DIV/0!	N/A	N/A	0.00021	100.0%	2.10E-04	MAX
ENDOSULFAN I (ALPHA)	959988	0.00025	0.00025	1 / 1	NA to NA	2.50E-04	#DIV/0!	N/A	N/A	0.00025	100.0%	2.50E-04	MAX
GAMMA-BHC (LINDANE)	58899	0.00011	0.00011	1 / 1	NA to NA	1.10E-04	#DIV/0!	N/A	N/A	0.00011	100.0%	1.10E-04	MAX
GAMMA-CHLORDANE /2	5103742	0.00017	0.00017	1 / 1	NA to NA	1.70E-04	#DIV/0!	N/A	N/A	0.00017	100.0%	1.70E-04	MAX
HEPTACHLOR	76448	0.00013	0.00013	1 / 1	NA to NA	1.30E-04	#DIV/0!	N/A	N/A	0.00013	100.0%	1.30E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.00007	0.00007	1 / 1	NA to NA	7.00E-05	#DIV/0!	N/A	N/A	0.00007	100.0%	7.00E-05	MAX

Table C9. Data Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	0.000027	0.000027	1 / 1	NA to NA	2.70E-05	#DIV/0!	N/A	N/A	0.000027	100.0%	2.70E-05	MAX
PCB Congener #101	1336363	0.000057	0.000057	1 / 1	NA to NA	5.70E-05	#DIV/0!	N/A	N/A	0.000057	100.0%	5.70E-05	MAX
PCB Congener #153	1336363	0.000055	0.000055	1 / 1	NA to NA	5.50E-05	#DIV/0!	N/A	N/A	0.000055	100.0%	5.50E-05	MAX
PCB Congener #163	1336363	0.000042	0.000042	1 / 1	NA to NA	4.20E-05	#DIV/0!	N/A	N/A	0.000042	100.0%	4.20E-05	MAX
PCB Congener #201	1336363	0.000033	0.000033	1 / 1	NA to NA	3.30E-05	#DIV/0!	N/A	N/A	0.000033	100.0%	3.30E-05	MAX
PCB Congener #209	1336363	0.0017	0.0017	1 / 1	NA to NA	1.70E-03	#DIV/0!	N/A	N/A	0.0017	100.0%	1.70E-03	MAX
PCB Congener #28	1336363	0.000085	0.000085	1 / 1	NA to NA	8.50E-05	#DIV/0!	N/A	N/A	0.000085	100.0%	8.50E-05	MAX
PCB Congener #52	1336363	0.00006	0.00006	1 / 1	NA to NA	6.00E-05	#DIV/0!	N/A	N/A	0.00006	100.0%	6.00E-05	MAX
PCB Congener #60	1336363	0.000018	0.000018	1 / 1	NA to NA	1.80E-05	#DIV/0!	N/A	N/A	0.000018	100.0%	1.80E-05	MAX
TOXAPHENE	8001352	0.015	0.015	1 / 1	NA to NA	1.50E-02	#DIV/0!	N/A	N/A	0.015	100.0%	1.50E-02	MAX

Table C10. TIC Data Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
1 UNIDENTIFIED COMPOUND	0.2	0.04	6 / 28	NA to NA	9.67E-02	5.68E-02	0.095
1-METHYLNAPHTHALENE	0.05	0.05	1 / 28	NA to NA	5.00E-02	#DIV/0!	0.05
2 UNIDENTIFIED COMPOUNDS	0.3	0.3	1 / 28	NA to NA	3.00E-01	#DIV/0!	0.3
BENZOIC ACID	0.1	0.07	3 / 28	NA to NA	8.00E-02	1.73E-02	0.07
BIS(DIMETHYLETHYL)ETHYLPHENOL	0.8	0.8	1 / 28	NA to NA	8.00E-01	#DIV/0!	0.8
BIS(ETHYLHEXYL)ADIPATE	0.14	0.0077	2 / 28	NA to NA	7.39E-02	9.36E-02	0.07385
BUTANOIC ACID, BUTYL ESTER	0.05	0.05	1 / 28	NA to NA	5.00E-02	#DIV/0!	0.05
DIETHYLBENZENE	0.2	0.05	3 / 28	NA to NA	1.07E-01	8.14E-02	0.07
DODECANOL	0.1	0.1	1 / 28	NA to NA	1.00E-01	#DIV/0!	0.1
ETHYLDIMETHYLBENZENE	0.05	0.05	1 / 28	NA to NA	5.00E-02	#DIV/0!	0.05
METHOXYPHENYLETHANONE	0.05	0.05	1 / 28	NA to NA	5.00E-02	#DIV/0!	0.05
METHYL(METHYLETHYL)BENZENE	0.04	0.04	1 / 28	NA to NA	4.00E-02	#DIV/0!	0.04
NONANOIC ACID	0.05	0.05	1 / 28	NA to NA	5.00E-02	#DIV/0!	0.05
BENZALDEHYDE	20	20	1 / 30	NA to NA	2.00E+01	#DIV/0!	20
BUTANE	70	30	12 / 30	NA to NA	4.33E+01	1.56E+01	40
BUTOXY PROPANOL	50	50	1 / 30	NA to NA	5.00E+01	#DIV/0!	50
DICHLOROFLUOROMETHANE	30	30	1 / 30	NA to NA	3.00E+01	#DIV/0!	30
DIFLUOROETHANE	100	100	1 / 30	NA to NA	1.00E+02	#DIV/0!	100
DODECANE	40	30	2 / 30	NA to NA	3.50E+01	7.07E+00	35
EICOSANE	20	20	1 / 30	NA to NA	2.00E+01	#DIV/0!	20
ETHANOL	600	30	20 / 30	NA to NA	2.05E+02	1.78E+02	150
ETHYLMETHYLBENZENE	40	20	4 / 30	NA to NA	2.75E+01	9.57E+00	25
FORMIC ACID, BUTYL ESTER	50	50	1 / 30	NA to NA	5.00E+01	#DIV/0!	50
HEPTANE	40	30	2 / 30	NA to NA	3.50E+01	7.07E+00	35
ISOBUTANE	30	30	1 / 30	NA to NA	3.00E+01	#DIV/0!	30
ISOPROPANOL	20	20	1 / 30	NA to NA	2.00E+01	#DIV/0!	20
METHYL BUTANE	100	20	15 / 30	NA to NA	5.13E+01	3.20E+01	30
METHYLHEXANE	30	30	1 / 30	NA to NA	3.00E+01	#DIV/0!	30
NORFLURANE	200	200	1 / 30	NA to NA	2.00E+02	#DIV/0!	200
PENTANE	50	30	3 / 30	NA to NA	4.00E+01	1.00E+01	40
TRIDECANE	100	20	5 / 30	NA to NA	5.60E+01	3.21E+01	60

Table C11. Data Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
FORMALDEHYDE	50000	2.8	0.15	24 / 24	NA to NA	1.10E+00	7.01E-01	1.55E+00	LN	0.935	100.0%	1.55E+00	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.01	0.0035	7 / 27	0.029 to 0.071	1.53E-02	7.22E-03	2.00E-02	LN	0.0165	25.9%	1.00E-02	MAX
1,1-BIPHENYL	92524	0.0078	0.0032	10 / 27	0.03 to 0.071	1.32E-02	7.45E-03	1.83E-02	LN	0.016	37.0%	7.80E-03	MAX
2,4,5-TRICHLOROPHENOL	95954	0.016	0.016	1 / 27	0.028 to 0.071	1.72E-02	3.85E-03	1.82E-02	LN	0.0165	3.7%	1.60E-02	MAX
2-METHYLNAPHTHALENE	91576	0.07	0.0083	26 / 27	0.035 to 0.035	2.19E-02	1.26E-02	2.59E-02	LN	0.019	96.3%	2.59E-02	UCL
2-METHYLPHENOL	95487	0.0044	0.0032	3 / 27	0.029 to 0.071	1.61E-02	5.81E-03	2.04E-02	LN	0.0165	11.1%	4.40E-03	MAX
2-NITROPHENOL	88755	0.013	0.0059	7 / 27	0.029 to 0.071	1.55E-02	5.64E-03	1.80E-02	LN	0.0165	25.9%	1.30E-02	MAX
4-CHLOROANILINE	106478	0.0038	0.0038	1 / 27	0.028 to 0.071	1.69E-02	4.66E-03	1.92E-02	LN	0.0165	3.7%	3.80E-03	MAX
ACENAPHTHENE	83329	0.011	0.0035	9 / 27	0.028 to 0.071	1.38E-02	6.80E-03	1.81E-02	LN	0.0155	33.3%	1.10E-02	MAX
ACENAPHTHYLENE	208968	0.0034	0.0034	1 / 27	0.028 to 0.071	1.69E-02	4.68E-03	1.95E-02	LN	0.0165	3.7%	3.40E-03	MAX
ACETOPHENONE	98862	0.086	0.011	4 / 27	0.028 to 0.071	2.06E-02	1.41E-02	2.31E-02	LN	0.017	14.8%	2.31E-02	UCL
BENZALDEHYDE	100527	30	0.092	2 / 27	0.028 to 0.071	1.13E+00	5.77E+00	1.74E-01	LN	0.017	7.4%	1.74E-01	UCL
CAPROLACTAM	105602	0.0052	0.0052	1 / 27	0.028 to 0.071	1.69E-02	4.51E-03	1.88E-02	LN	0.0165	3.7%	5.20E-03	MAX
DIBENZOFURAN	132649	0.015	0.0034	17 / 27	0.031 to 0.039	1.03E-02	5.84E-03	1.36E-02	LN	0.0084	63.0%	1.36E-02	UCL
FLUORANTHENE	206440	0.0076	0.003	7 / 27	0.028 to 0.071	1.42E-02	7.11E-03	1.99E-02	LN	0.016	25.9%	7.60E-03	MAX
FLUORENE	86737	0.014	0.0036	12 / 27	0.029 to 0.071	1.27E-02	7.20E-03	1.68E-02	LN	0.015	44.4%	1.40E-02	MAX
NAPHTHALENE	91203	0.12	0.022	25 / 27	0.035 to 0.038	4.89E-02	2.40E-02	5.98E-02	LN	0.047	92.6%	5.98E-02	UCL
PHENANTHRENE	85018	0.034	0.0038	23 / 27	0.032 to 0.039	1.26E-02	7.12E-03	1.64E-02	LN	0.012	85.2%	1.64E-02	UCL
PHENOL	108952	0.019	0.0078	8 / 27	0.029 to 0.071	1.63E-02	5.04E-03	1.81E-02	LN	0.0165	29.6%	1.81E-02	UCL
(M- AND/OR P-)XYLENE	108383	4.4	0.37	24 / 31	2.4 to 4	1.27E+00	8.43E-01	1.59E+00	LN	1.2	77.4%	1.59E+00	UCL
1,1,1-TRICHLOROETHANE	71556	0.41	0.24	18 / 31	1.1 to 2.5	5.16E-01	2.97E-01	6.18E-01	LN	0.39	58.1%	4.10E-01	MAX
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	0.95	0.47	28 / 28	NA to NA	6.66E-01	1.32E-01	7.08E-01	N	0.64	100.0%	7.08E-01	UCL
1,2,4-TRIMETHYLBENZENE	95636	1.9	0.23	17 / 31	0.92 to 2.5	6.47E-01	4.06E-01	7.93E-01	LN	0.55	54.8%	7.93E-01	UCL
1,3,5-TRIMETHYLBENZENE	108678	0.68	0.4	2 / 31	0.92 to 2.5	6.72E-01	2.08E-01	7.32E-01	LN	0.6	6.5%	6.80E-01	MAX
1,3-BUTADIENE	106990	0.61	0.32	3 / 31	0.37 to 2.5	3.60E-01	2.95E-01	4.14E-01	LN	0.27	9.7%	4.14E-01	UCL
1,4-DICHLOROBENZENE	106467	0.36	0.36	1 / 31	1.1 to 2.5	7.83E-01	1.97E-01	8.51E-01	LN	0.7	3.2%	3.60E-01	MAX
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	1.6	0.95	2 / 28	0.73 to 1.2	5.52E-01	2.35E-01	6.06E-01	LN	0.4575	7.1%	6.06E-01	UCL
ACETONE	67641	61	4	19 / 28	17 to 55	1.69E+01	1.19E+01	2.09E+01	LN	13.25	67.9%	2.09E+01	UCL
BENZENE	71432	3.2	0.5	26 / 31	2.4 to 6.1	1.14E+00	7.14E-01	1.34E+00	LN	0.94	83.9%	1.34E+00	UCL
CARBON DISULFIDE	75150	0.82	0.82	1 / 31	2 to 14	2.91E+00	1.86E+00	3.67E+00	LN	2.2	3.2%	8.20E-01	MAX
CARBON TETRACHLORIDE	56235	1	0.45	28 / 31	2.4 to 2.5	6.86E-01	2.20E-01	7.50E-01	LN	0.61	90.3%	7.50E-01	UCL
CHLORODIFLUOROMETHANE	75456	140	0.62	28 / 28	NA to NA	6.73E+00	2.62E+01	5.18E+00	LN	1.15	100.0%	5.18E+00	UCL
CHLOROFORM	67663	6	0.3	3 / 31	0.92 to 2.5	8.60E-01	9.82E-01	9.54E-01	LN	0.6	9.7%	9.54E-01	UCL
CHLOROMETHANE	74873	3.1	0.9	28 / 31	2.4 to 2.5	1.29E+00	4.35E-01	1.40E+00	LN	1.2	90.3%	1.40E+00	UCL
CYCLOHEXANE	110827	1.1	1.1	1 / 28	0.8 to 6	1.61E+00	1.17E+00	2.58E+00	LN	1.475	3.6%	1.10E+00	MAX
DICHLORODIFLUOROMETHANE	75718	20	1.9	30 / 30	NA to NA	4.31E+00	4.14E+00	5.01E+00	LN	3.05	100.0%	5.01E+00	UCL
ETHYL BENZENE	100414	1	0.24	16 / 31	0.92 to 2.5	5.86E-01	2.85E-01	6.96E-01	LN	0.55	51.6%	6.96E-01	UCL
HEXANE	110543	70	0.39	27 / 28	0.88 to 0.88	4.92E+00	1.42E+01	5.23E+00	LN	1.1	96.4%	5.23E+00	UCL
METHYL ACETATE	79209	7.4	0.3	9 / 29	0.55 to 2.5	6.84E-01	1.31E+00	7.16E-01	LN	0.36	31.0%	7.16E-01	UCL
METHYL ETHYL KETONE	78933	3.6	0.72	22 / 28	2.9 to 8.8	2.16E+00	9.27E-01	2.45E+00	N	1.975	78.6%	2.45E+00	UCL
METHYL ISOBUTYL KETONE	108101	0.58	0.58	1 / 28	3.7 to 6	2.42E+00	5.22E-01	2.73E+00	LN	2.25	3.6%	5.80E-01	MAX
METHYL METHACRYLATE	80626	0.56	0.34	2 / 28	0.8 to 4.6	6.75E-01	5.19E-01	7.78E-01	LN	0.525	7.1%	5.60E-01	MAX
METHYL T-BUTYL ETHER (MTBE)	1634044	4.5	0.24	24 / 28	0.73 to 1.1	8.89E-01	9.10E-01	1.20E+00	LN	0.55	85.7%	1.20E+00	UCL
METHYLCYCLOHEXANE	108872	0.49	0.43	2 / 28	0.8 to 4.6	6.76E-01	5.17E-01	7.76E-01	LN	0.495	7.1%	4.90E-01	MAX
METHYLENE CHLORIDE	75092	1.8	0.23	14 / 31	0.55 to 2.5	5.14E-01	3.85E-01	6.10E-01	LN	0.35	45.2%	6.10E-01	UCL
N-PROPYLBENZENE	103651	0.46	0.46	1 / 31	0.92 to 2.5	6.75E-01	2.05E-01	7.33E-01	LN	0.6	3.2%	4.60E-01	MAX
O-XYLENE	95476	1.2	0.25	15 / 31	1 to 5.8	8.14E-01	6.76E-01	1.01E+00	LN	0.55	48.4%	1.01E+00	UCL
SEC-BUTYLBENZENE	135988	3.3	3.3	2 / 31	1.2 to 6.9	1.18E+00	9.25E-01	1.39E+00	LN	0.85	6.5%	1.39E+00	UCL
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	0.72	0.36	3 / 31	1.3 to 2.5	8.54E-01	2.06E-01	9.17E-01	N	0.8	9.7%	7.20E-01	MAX
TOLUENE	108883	11	0.63	30 / 31	2.4 to 2.4	2.46E+00	2.14E+00	3.08E+00	LN	1.8	96.8%	3.08E+00	UCL

Table C11. Data Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
TRICHLOROFLUOROMETHANE (FREON 11)	75694	3	1.1	28 / 31	2.4 to 2.5	1.66E+00	4.90E-01	1.80E+00	LN	1.5	90.3%	1.80E+00	UCL
ALUMINUM	7429905	0.41	0.091	21 / 22	0.56 to 0.56	1.68E-01	7.38E-02	1.95E-01	LN	0.155	95.5%	1.95E-01	UCL
ANTIMONY	7440360	0.0011	0.0003	11 / 22	0.006 to 0.011	2.11E-03	1.71E-03	3.71E-03	LN	0.001925	50.0%	1.10E-03	MAX
ARSENIC	7440382	0.0023	0.00046	22 / 22	NA to NA	1.07E-03	5.18E-04	1.32E-03	LN	0.00092	100.0%	1.32E-03	UCL
BARIUM	7440393	0.033	0.0035	22 / 22	NA to NA	8.60E-03	5.96E-03	1.02E-02	LN	0.00705	100.0%	1.02E-02	UCL
BERYLLIUM	7440417	0.000029	0.000014	3 / 22	1E-05 to 1E-04	3.60E-05	2.93E-05	6.56E-05	LN	0.00001425	13.6%	2.90E-05	MAX
CADMIUM	7440439	0.002	0.0002	12 / 22	3E-04 to 0.001	5.99E-04	4.53E-04	8.60E-04	LN	0.00055	54.5%	8.60E-04	UCL
CALCIUM	7440702	2.2	0.38	22 / 22	NA to NA	9.88E-01	5.45E-01	1.25E+00	LN	0.88	100.0%	1.25E+00	UCL
CHROMIUM	18540299	0.0037	0.0023	22 / 22	NA to NA	2.70E-03	3.11E-04	2.82E-03	LN	0.00265	100.0%	2.82E-03	UCL
COPPER	7440508	3.1	0.14	22 / 22	NA to NA	1.25E+00	7.30E-01	1.52E+00	N	1.05	100.0%	1.52E+00	UCL
IRON	7439896	0.88	0.14	20 / 22	0.14 to 0.14	2.66E-01	1.66E-01	3.44E-01	LN	0.235	90.9%	3.44E-01	UCL
LEAD	7439921	0.0071	0.0026	9 / 22	0.002 to 0.029	5.23E-03	3.24E-03	6.66E-03	LN	0.00465	40.9%	6.66E-03	UCL
MAGNESIUM	7439954	0.35	0.091	15 / 22	0.14 to 0.14	1.52E-01	7.66E-02	1.93E-01	LN	0.155	68.2%	1.93E-01	UCL
MANGANESE	7439965	0.051	0.001	22 / 22	NA to NA	9.57E-03	1.02E-02	1.40E-02	LN	0.0069	100.0%	1.40E-02	UCL
NICKEL	7440020	0.0057	0.0019	22 / 22	NA to NA	3.15E-03	9.25E-04	3.50E-03	LN	0.0028	100.0%	3.50E-03	UCL
SELENIUM	7782492	0.0023	0.00052	8 / 22	5E-04 to 0.011	2.54E-03	1.45E-03	3.86E-03	LN	0.00275	36.4%	2.30E-03	MAX
SILVER	7440224	0.0015	0.00049	2 / 22	0.001 to 0.028	1.52E-03	2.81E-03	1.73E-03	LN	0.0007	9.1%	1.50E-03	MAX
SODIUM	7440235	2	0.6	20 / 22	0.69 to 1.4	9.05E-01	3.54E-01	1.05E+00	LN	0.765	90.9%	1.05E+00	UCL
STRONTIUM	7440246	0.0064	0.0012	16 / 22	0.001 to 0.003	2.08E-03	1.30E-03	2.67E-03	LN	0.00175	72.7%	2.67E-03	UCL
THALLIUM	7440280	0.000039	0.000039	1 / 22	3E-05 to 3E-04	5.21E-05	3.57E-05	7.60E-05	LN	0.00003725	4.5%	3.90E-05	MAX
TITANIUM	7440326	0.013	0.0029	18 / 22	0.003 to 0.056	5.57E-03	5.58E-03	7.44E-03	LN	0.00435	81.8%	7.44E-03	UCL
VANADIUM	7440622	0.002	0.00074	3 / 22	7E-04 to 0.003	8.92E-04	4.22E-04	1.08E-03	LN	0.0007	13.6%	1.08E-03	UCL
ZINC	7440666	0.061	0.027	19 / 22	0.05 to 0.05	3.86E-02	8.68E-03	4.18E-02	N	0.0405	86.4%	4.18E-02	UCL
4,4'-DDE (P,P'-DDE)	72559	0.00004	0.00004	1 / 1	NA to NA	4.00E-05	#DIV/0!	N/A	N/A	0.00004	100.0%	4.00E-05	MAX
4,4'-DDT (P,P'-DDT)	50293	0.00013	0.00013	1 / 1	NA to NA	1.30E-04	#DIV/0!	N/A	N/A	0.00013	100.0%	1.30E-04	MAX
ALPHA-BHC	319846	0.000029	0.000029	1 / 1	NA to NA	2.90E-05	#DIV/0!	N/A	N/A	0.000029	100.0%	2.90E-05	MAX
ALPHA-CHLORDANE /2	5103719	0.00013	0.00013	1 / 1	NA to NA	1.30E-04	#DIV/0!	N/A	N/A	0.00013	100.0%	1.30E-04	MAX
BETA-CHLORDENE /2	--	0.000036	0.000036	1 / 1	NA to NA	3.60E-05	#DIV/0!	N/A	N/A	0.000036	100.0%	3.60E-05	MAX
ENDOSULFAN I (ALPHA)	959988	0.00024	0.00024	1 / 1	NA to NA	2.40E-04	#DIV/0!	N/A	N/A	0.00024	100.0%	2.40E-04	MAX
GAMMA-BHC (LINDANE)	58899	0.000044	0.000044	1 / 1	NA to NA	4.40E-05	#DIV/0!	N/A	N/A	0.000044	100.0%	4.40E-05	MAX
GAMMA-CHLORDANE /2	5103742	0.00012	0.00012	1 / 1	NA to NA	1.20E-04	#DIV/0!	N/A	N/A	0.00012	100.0%	1.20E-04	MAX
HEPTACHLOR	76448	0.00017	0.00017	1 / 1	NA to NA	1.70E-04	#DIV/0!	N/A	N/A	0.00017	100.0%	1.70E-04	MAX
HEPTACHLOR EPOXIDE	1024573	0.000042	0.000042	1 / 1	NA to NA	4.20E-05	#DIV/0!	N/A	N/A	0.000042	100.0%	4.20E-05	MAX

Table C12. TIC Data Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
1 UNIDENTIFIED COMPOUND	0.07	0.05	3 / 27	NA to NA	5.67E-02	1.15E-02	0.05
2 UNIDENTIFIED COMPOUNDS	0.2	0.09	4 / 27	NA to NA	1.23E-01	5.19E-02	0.1
3 UNIDENTIFIED COMPOUNDS	0.2	0.2	2 / 27	NA to NA	2.00E-01	0.00E+00	0.2
6 UNIDENTIFIED COMPOUNDS	0.6	0.6	1 / 27	NA to NA	6.00E-01	#DIV/0!	0.6
9 UNIDENTIFIED COMPOUNDS	0.6	0.6	1 / 27	NA to NA	6.00E-01	#DIV/0!	0.6
BENZOIC ACID	0.08	0.07	2 / 27	NA to NA	7.50E-02	7.07E-03	0.075
BIS(DIMETHYLETHYL)ETHYLPHENOL	0.2	0.2	1 / 27	NA to NA	2.00E-01	#DIV/0!	0.2
BIS(ETHYLHEXYL)ADIPATE	0.0048	0.0048	1 / 27	NA to NA	4.80E-03	#DIV/0!	0.0048
BUTANOIC ACID, BUTYL ESTER	0.06	0.06	1 / 27	NA to NA	6.00E-02	#DIV/0!	0.06
BUTANOIC ACID, METHYL ESTER	0.03	0.03	1 / 27	NA to NA	3.00E-02	#DIV/0!	0.03
CARENE	0.07	0.06	3 / 27	NA to NA	6.33E-02	5.77E-03	0.06
CARENE (2 ISOMERS)	0.5	0.5	1 / 27	NA to NA	5.00E-01	#DIV/0!	0.5
DIETHYLBENZENE (2 ISOMERS)	0.09	0.09	1 / 27	NA to NA	9.00E-02	#DIV/0!	0.09
DIETHYLBIPHENYL (2 ISOMERS)	0.1	0.1	1 / 27	NA to NA	1.00E-01	#DIV/0!	0.1
DIHYDRODIMETHYLFURAN	0.1	0.1	1 / 27	NA to NA	1.00E-01	#DIV/0!	0.1
ETHYLBENZOIC ACID	0.03	0.03	1 / 27	NA to NA	3.00E-02	#DIV/0!	0.03
ETHYLDIMETHYLBENZENE	0.09	0.09	1 / 27	NA to NA	9.00E-02	#DIV/0!	0.09
ETHYLDIMETHYLBENZENE (2 ISOMERS)	0.09	0.09	1 / 27	NA to NA	9.00E-02	#DIV/0!	0.09
LIMONENE	0.08	0.08	1 / 27	NA to NA	8.00E-02	#DIV/0!	0.08
METHYLPROPYLBENZENE	0.07	0.04	3 / 27	NA to NA	5.33E-02	1.53E-02	0.05
PHENYLBICYCLOHEXYL	0.05	0.04	4 / 27	NA to NA	4.50E-02	5.77E-03	0.045
PHENYLBICYCLOHEXYL (2 ISOMERS)	0.1	0.1	1 / 27	NA to NA	1.00E-01	#DIV/0!	0.1
VANILLIN	0.05	0.04	2 / 27	NA to NA	4.50E-02	7.07E-03	0.045
BENZALDEHYDE	30	30	1 / 31	NA to NA	3.00E+01	#DIV/0!	30
BUTANE	60	20	11 / 31	NA to NA	3.55E+01	1.21E+01	30
DECANE	100	100	1 / 31	NA to NA	1.00E+02	#DIV/0!	100
DICHLOROFLUOROMETHANE	300	300	1 / 31	NA to NA	3.00E+02	#DIV/0!	300
DIFLUOROETHANE	200	200	1 / 31	NA to NA	2.00E+02	#DIV/0!	200
ETHANOL	70	70	1 / 31	NA to NA	7.00E+01	#DIV/0!	70
ISOBUTANE	30	30	1 / 31	NA to NA	3.00E+01	#DIV/0!	30
METHYL BUTANE	80	20	11 / 31	NA to NA	4.18E+01	1.99E+01	40
ONE UNIDENTIFIED COMPOUND	50	50	1 / 31	NA to NA	5.00E+01	#DIV/0!	50
PENTANE	50	30	4 / 31	NA to NA	3.75E+01	9.57E+00	35
PENTANONE	40	20	2 / 31	NA to NA	3.00E+01	1.41E+01	30
PROPYLCYCLOHEXANE	30	30	1 / 31	NA to NA	3.00E+01	#DIV/0!	30
TRIDECANE	50	50	1 / 31	NA to NA	5.00E+01	#DIV/0!	50

Table C13. Data Summary
WLATS Site Number 6 - Otter Creek (EPA Site ID 7)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
FORMALDEHYDE	50000	1.7	0.34	19 / 19	NA to NA	7.07E-01	3.98E-01	8.84E-01	LN	0.61	79.2%	8.84E-01	UCL
(3-AND/OR 4-)METHYLPHENOL	108394	0.006	0.0043	4 / 28	0.03 to 0.06	1.82E-02	6.97E-03	2.29E-02	LN	0.0175	14.3%	6.00E-03	MAX
1,1-BIPHENYL	92524	0.035	0.0041	4 / 28	0.03 to 0.06	1.97E-02	7.56E-03	2.22E-02	N	0.01875	14.3%	2.22E-02	UCL
2,4-DINITROPHENOL	51285	0.006	0.006	1 / 28	0.035 to 0.12	4.00E-02	1.25E-02	4.85E-02	LN	0.038	3.6%	6.00E-03	MAX
2-METHYLNAPHTHALENE	91576	0.029	0.001	24 / 28	0.033 to 0.055	1.22E-02	7.22E-03	1.70E-02	LN	0.011	85.7%	1.70E-02	UCL
2-METHYLPHENOL	95487	0.012	0.007	2 / 28	0.03 to 0.06	1.93E-02	5.15E-03	2.09E-02	N	0.01775	7.1%	1.20E-02	MAX
2-NITROPHENOL	88755	0.016	0.0059	8 / 28	0.031 to 0.06	1.84E-02	7.33E-03	2.08E-02	N	0.018	28.6%	1.60E-02	MAX
ACETOPHENONE	98862	0.02	0.012	4 / 28	0.031 to 0.06	2.03E-02	4.80E-03	2.20E-02	LN	0.01925	14.3%	2.00E-02	MAX
BENZALDEHYDE	100527	0.073	0.015	2 / 28	0.03 to 0.06	2.25E-02	1.10E-02	2.50E-02	LN	0.01925	7.1%	2.50E-02	UCL
BIS(2-ETHYLHEXYL) PHTHALATE	117817	0.19	0.19	1 / 28	0.03 to 0.06	2.68E-02	3.23E-02	2.93E-02	LN	0.01925	3.6%	2.93E-02	UCL
DIBENZOFURAN	132649	0.0063	0.0034	5 / 28	0.03 to 0.06	1.78E-02	7.71E-03	2.38E-02	LN	0.0175	17.9%	6.30E-03	MAX
NAPHTHALENE	91203	0.075	0.0081	26 / 28	0.053 to 0.055	2.83E-02	1.66E-02	3.52E-02	LN	0.0255	92.9%	3.52E-02	UCL
N-NITROSODI-N-PROPYLAMINE	621647	0.029	0.029	1 / 28	0.03 to 0.06	2.07E-02	4.95E-03	2.24E-02	LN	0.01875	3.6%	2.24E-02	UCL
PENTACHLOROPHENOL	87865	0.014	0.014	1 / 28	0.031 to 0.12	3.97E-02	1.25E-02	4.58E-02	LN	0.038	3.6%	1.40E-02	MAX
PHENANTHRENE	85018	0.0065	0.0035	5 / 28	0.03 to 0.06	1.75E-02	7.39E-03	2.28E-02	LN	0.01725	17.9%	6.50E-03	MAX
PHENOL	108952	0.015	0.0038	10 / 28	0.03 to 0.06	1.61E-02	7.76E-03	1.86E-02	N	0.0165	35.7%	1.50E-02	MAX
(M- AND/OR P-)XYLENE	108383	1.3	0.35	12 / 29	2 to 4.2	1.20E+00	5.72E-01	1.55E+00	LN	1.25	41.4%	1.30E+00	MAX
1,1,1-TRICHLOROETHANE	71556	0.4	0.22	14 / 29	1.1 to 2.5	5.61E-01	3.14E-01	6.97E-01	LN	0.55	48.3%	4.00E-01	MAX
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	0.96	0.46	26 / 26	NA to NA	6.44E-01	1.24E-01	6.85E-01	N	0.63	100.0%	6.85E-01	UCL
1,2,4-TRIMETHYLBENZENE	95636	0.41	0.25	3 / 29	1.1 to 2.5	6.70E-01	2.32E-01	7.54E-01	LN	0.6	10.3%	4.10E-01	MAX
1,3-BUTADIENE	106990	0.43	0.22	2 / 29	0.42 to 2.5	3.61E-01	3.06E-01	4.16E-01	LN	0.255	6.9%	4.16E-01	UCL
ACETONE	67641	24	9	16 / 26	14 to 47	1.38E+01	5.00E+00	1.57E+01	LN	12	61.5%	1.57E+01	UCL
BENZENE	71432	1.4	0.31	24 / 29	0.86 to 2.5	7.41E-01	3.25E-01	8.73E-01	LN	0.67	82.8%	8.73E-01	UCL
CARBON TETRACHLORIDE	56235	1	0.45	26 / 29	2.4 to 2.5	6.79E-01	2.35E-01	7.51E-01	LN	0.6	89.7%	7.51E-01	UCL
CHLORODIFLUOROMETHANE	75456	4	0.41	26 / 26	NA to NA	1.07E+00	8.32E-01	1.32E+00	LN	0.805	100.0%	1.32E+00	UCL
CHLOROMETHANE	74873	2.5	0.82	26 / 29	2.4 to 2.5	1.24E+00	3.63E-01	1.34E+00	LN	1.2	89.7%	1.34E+00	UCL
DICHLORODIFLUOROMETHANE	75718	21	1.8	28 / 28	NA to NA	4.58E+00	5.00E+00	5.50E+00	LN	2.7	100.0%	5.50E+00	UCL
ETHYL BENZENE	100414	0.39	0.22	5 / 29	1.1 to 2.5	6.50E-01	2.53E-01	7.56E-01	LN	0.6	17.2%	3.90E-01	MAX
HEXANE	110543	13	0.23	23 / 26	0.86 to 1.2	1.23E+00	2.44E+00	1.39E+00	LN	0.67	88.5%	1.39E+00	UCL
METHYL ACETATE	79209	5.6	0.31	8 / 26	0.64 to 0.99	6.09E-01	1.03E+00	6.54E-01	LN	0.345	30.8%	6.54E-01	UCL
METHYL ETHYL KETONE	78933	2.8	0.55	14 / 26	2.1 to 9.4	1.96E+00	8.24E-01	2.32E+00	LN	1.875	53.8%	2.32E+00	UCL
METHYL T-BUTYL ETHER (MTBE)	1634044	0.6	0.4	4 / 26	0.84 to 1.4	5.10E-01	8.70E-02	5.40E-01	LN	0.465	15.4%	5.40E-01	UCL
METHYLENE CHLORIDE	75092	0.35	0.22	7 / 29	0.63 to 2.5	4.50E-01	2.80E-01	5.16E-01	LN	0.35	24.1%	3.50E-01	MAX
O-XYLENE	95476	0.35	0.24	4 / 29	1.1 to 5.8	8.86E-01	6.96E-01	1.10E+00	LN	0.7	13.8%	3.50E-01	MAX
SEC-BUTYLBENZENE	135988	3.3	3.1	2 / 29	1.3 to 6.9	1.21E+00	9.57E-01	1.46E+00	LN	0.85	6.9%	1.46E+00	UCL
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	0.25	0.25	1 / 29	1.5 to 2.5	8.97E-01	2.07E-01	1.00E+00	LN	0.8	3.4%	2.50E-01	MAX
TOLUENE	108883	3.6	0.32	24 / 29	1.2 to 2.5	1.27E+00	9.25E-01	1.68E+00	LN	1	82.8%	1.68E+00	UCL
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	2.2	0.36	2 / 29	1.1 to 8.2	1.81E+00	1.45E+00	2.77E+00	LN	1.2	6.9%	2.20E+00	MAX
TRICHLOROFLUOROMETHANE (FREON 11)	75694	3.1	1	26 / 29	2.4 to 2.5	1.58E+00	4.62E-01	1.72E+00	LN	1.5	89.7%	1.72E+00	UCL
ALUMINUM	7429905	0.36	0.07	21 / 26	0.061 to 0.6	1.54E-01	8.27E-02	1.94E-01	LN	0.12	80.8%	1.94E-01	UCL
ANTIMONY	7440360	0.0014	0.00016	9 / 26	3E-04 to 0.012	2.29E-03	2.02E-03	6.54E-03	LN	0.0029	34.6%	1.40E-03	MAX
ARSENIC	7440382	0.0051	0.00029	24 / 26	3E-04 to 3E-04	1.20E-03	1.18E-03	1.79E-03	LN	0.00081	92.3%	1.79E-03	UCL
BARIUM	7440393	0.0088	0.002	22 / 26	0.002 to 0.003	3.33E-03	1.81E-03	4.12E-03	LN	0.00315	84.6%	4.12E-03	UCL
CADMIUM	7440439	0.00083	0.00018	10 / 26	2E-05 to 0.002	3.55E-04	2.32E-04	4.33E-04	N	0.000295	38.5%	4.33E-04	UCL
CALCIUM	7440702	1.5	0.19	26 / 26	NA to NA	6.36E-01	3.71E-01	8.12E-01	LN	0.54	100.0%	8.12E-01	UCL
CHROMIUM	18540299	0.0044	0.002	26 / 26	NA to NA	2.70E-03	5.30E-04	2.87E-03	LN	0.0026	100.0%	2.87E-03	UCL
COPPER	7440508	0.57	0.12	25 / 26	0.003 to 0.003	3.36E-01	1.45E-01	3.85E-01	N	0.355	96.2%	3.85E-01	UCL
IRON	7439896	0.43	0.12	15 / 26	0.12 to 0.16	1.63E-01	1.10E-01	2.09E-01	LN	0.125	57.7%	2.09E-01	UCL
LEAD	7439921	0.01	0.0032	8 / 26	6E-04 to 0.031	5.17E-03	3.67E-03	7.93E-03	LN	0.0041	30.8%	7.93E-03	UCL

Table C13. Data Summary
WLATS Site Number 6 - Otter Creek (EPA Site ID 7)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
MAGNESIUM	7439954	0.22	0.067	6 / 26	0.061 to 0.6	9.95E-02	6.17E-02	1.21E-01	LN	0.075	23.1%	1.21E-01	UCL
MANGANESE	7439965	0.024	0.002	25 / 26	6E-04 to 6E-04	5.71E-03	4.88E-03	8.62E-03	LN	0.00415	96.2%	8.62E-03	UCL
NICKEL	7440020	0.02	0.00028	26 / 26	NA to NA	3.89E-03	3.65E-03	5.92E-03	LN	0.00295	100.0%	5.92E-03	UCL
POTASSIUM	7440097	0.26	0.073	2 / 26	0.27 to 1.2	2.84E-01	9.15E-02	3.33E-01	LN	0.3	7.7%	2.60E-01	MAX
SELENIUM	7782492	0.002	0.0004	9 / 26	5E-04 to 0.012	2.60E-03	1.73E-03	3.92E-03	LN	0.00245	34.6%	2.00E-03	MAX
SILVER	7440224	0.00028	0.00021	2 / 26	0.001 to 0.028	1.39E-03	2.60E-03	1.60E-03	LN	0.00075	7.7%	2.80E-04	MAX
SODIUM	7440235	1.2	0.59	25 / 26	1.4 to 1.4	7.94E-01	1.35E-01	8.40E-01	LN	0.765	96.2%	8.40E-01	UCL
STRONTIUM	7440246	0.0035	0.00099	7 / 26	0.001 to 0.003	1.33E-03	8.32E-04	1.62E-03	LN	0.000775	26.9%	1.62E-03	UCL
THALLIUM	7440280	0.00002	0.000019	2 / 26	2E-05 to 3E-04	4.42E-05	3.99E-05	7.19E-05	LN	0.00003725	7.7%	2.00E-05	MAX
TITANIUM	7440326	0.0081	0.0022	9 / 26	0.003 to 0.058	3.64E-03	5.48E-03	4.48E-03	LN	0.001525	34.6%	4.48E-03	UCL
VANADIUM	7440622	0.0019	0.0019	1 / 26	7E-04 to 0.003	9.77E-04	4.38E-04	1.18E-03	LN	0.00075	3.8%	1.18E-03	UCL
ZINC	7440666	0.064	0.023	22 / 26	0.03 to 0.12	4.49E-02	1.37E-02	4.95E-02	N	0.0455	84.6%	4.95E-02	UCL

Table C14. TIC Data Summary
WLATS Site Number 6 - Otter Creek (EPA Site ID 7)

TENTATIVELY IDENTIFIED COMPOUND	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	MEDIAN CONC (ug/m3)
1 UNIDENTIFIED COMPOUND	0.3	0.06	5 / 28	NA to NA	1.14E-01	1.04E-01	0.07
2 UNIDENTIFIED COMPOUNDS	0.1	0.1	1 / 28	NA to NA	1.00E-01	#DIV/0!	0.1
3 UNIDENTIFIED COMPOUNDS	0.3	0.1	3 / 28	NA to NA	2.33E-01	1.15E-01	0.3
4 UNIDENTIFIED COMPOUNDS	0.4	0.4	1 / 28	NA to NA	4.00E-01	#DIV/0!	0.4
10 UNIDENTIFIED COMPOUNDS	1	1	1 / 28	NA to NA	1.00E+00	#DIV/0!	1
BENZOIC ACID	0.1	0.1	1 / 28	NA to NA	1.00E-01	#DIV/0!	0.1
BIS(DIMETHYLETHYL)ETHYLPHENOL	0.5	0.5	1 / 28	NA to NA	5.00E-01	#DIV/0!	0.5
BIS(ETHYLHEXYL)ADIPATE	0.011	0.011	1 / 28	NA to NA	1.10E-02	#DIV/0!	0.011
CARENE	0.7	0.1	2 / 28	NA to NA	4.00E-01	4.24E-01	0.4
CYCLOPENTACYCLOPROPABENZENE	0.08	0.08	1 / 28	NA to NA	8.00E-02	#DIV/0!	0.08
LIMONENE	0.2	0.06	2 / 28	NA to NA	1.30E-01	9.90E-02	0.13
PHENYLBICYCLOHEXYL	0.1	0.05	6 / 28	NA to NA	7.67E-02	2.16E-02	0.085
BUTANE	50	20	6 / 29	NA to NA	3.00E+01	1.10E+01	30
METHYL BUTANE	40	20	2 / 29	NA to NA	3.00E+01	1.41E+01	30
METHYLBUTADIENE	40	30	2 / 29	NA to NA	3.50E+01	7.07E+00	35
NONANAL	50	30	2 / 29	NA to NA	4.00E+01	1.41E+01	40
PENTADIENE	60	60	1 / 29	NA to NA	6.00E+01	#DIV/0!	60
PENTANE	30	30	2 / 29	NA to NA	3.00E+01	0.00E+00	30

Table C15. Data Summary
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	3.53	0.61	3 / 14	0.55 to 0.55	5.59E-01	8.64E-01	7.65E-01	LN	0.275	21.4%	7.65E-01	UCL
1,2,4-Trichlorobenzene	120821	1.27	0.82	2 / 14	0.75 to 0.75	4.71E-01	2.60E-01	5.70E-01	LN	0.375	14.3%	5.70E-01	UCL
1,2,4-Trimethylbenzene	95636	2.48	1.59	4 / 14	1.24 to 1.24	1.02E+00	6.93E-01	1.40E+00	LN	0.620	28.6%	1.40E+00	UCL
1,3-Butadiene	106990	6.19	0.22	9 / 13	0.22 to 0.22	1.35E+00	1.93E+00	7.05E+00	LN	0.603	69.2%	6.19E+00	MAX
1,3-Dichloropropane	142289	1.49	1.21	3 / 8	0.47 to 0.47	6.37E-01	5.62E-01	1.91E+00	LN	0.235	37.5%	1.49E+00	MAX
1,4-Dichlorobenzene	106467	6.19	0.67	3 / 14	0.61 to 0.61	9.90E-01	1.74E+00	1.71E+00	LN	0.305	21.4%	1.71E+00	UCL
Acetone	67641	54.71	4.85	10 / 13	2.40 to 2.40	2.21E+01	1.87E+01	3.14E+01	N	15.597	76.9%	3.14E+01	UCL
Acrylonitrile	107131	0.96	0.90	2 / 8	0.22 to 0.22	3.15E-01	3.81E-01	1.09E+00	LN	0.110	25.0%	9.65E-01	MAX
Benzene	71432	10.58	0.45	14 / 14	NA to NA	2.44E+00	2.59E+00	4.14E+00	LN	1.468	100.0%	4.14E+00	UCL
Bromoform	75252	34.88	14.31	2 / 13	1.04 to 1.04	4.22E+00	9.97E+00	1.14E+01	LN	0.520	15.4%	1.14E+01	UCL
Carbon Disulfide	75150	107.67	0.50	7 / 13	0.31 to 0.31	1.18E+01	2.93E+01	7.03E+02	LN	0.503	53.8%	1.08E+02	MAX
Carbon Tetrachloride	56235	1.02	0.70	7 / 14	0.64 to 0.64	5.78E-01	2.87E-01	7.82E-01	LN	0.509	50.0%	7.82E-01	UCL
Chloroethane	75003	0.56	0.56	1 / 14	0.27 to 0.27	1.65E-01	1.14E-01	1.98E-01	LN	0.135	7.1%	1.98E-01	UCL
Chloroform	67663	1.48	0.54	6 / 14	0.49 to 0.49	5.42E-01	4.25E-01	8.50E-01	LN	0.245	42.9%	8.50E-01	UCL
Chloromethane	74873	7.36	0.90	13 / 14	0.21 to 0.21	1.78E+00	1.67E+00	3.66E+00	LN	1.481	92.9%	3.66E+00	UCL
Chloroprene	126998	2.19	1.02	3 / 8	0.91 to 0.91	8.88E-01	6.74E-01	1.74E+00	LN	0.455	37.5%	1.74E+00	UCL
Cyclohexane	110827	2.26	0.49	4 / 13	0.35 to 0.35	5.49E-01	6.93E-01	1.15E+00	LN	0.175	30.8%	1.15E+00	UCL
Ethylbenzene	100414	15.22	0.96	6 / 14	0.44 to 0.44	3.70E+00	5.76E+00	3.78E+01	LN	0.220	42.9%	1.52E+01	MAX
Freon 11	75694	2.33	1.25	14 / 14	NA to NA	1.75E+00	3.16E-01	1.90E+00	N	1.674	100.0%	1.90E+00	UCL
Freon 113	76131	1.32	0.77	2 / 14	0.77 to 0.77	4.79E-01	2.62E-01	5.76E-01	LN	0.385	14.3%	5.76E-01	UCL
Freon 12	75718	6.40	2.23	14 / 14	NA to NA	3.63E+00	1.02E+00	4.11E+00	N	3.495	100.0%	4.11E+00	UCL
Freon 22	75456	31.29	2.61	8 / 8	NA to NA	1.02E+01	9.23E+00	2.50E+01	LN	7.913	100.0%	2.50E+01	UCL
Hexane	110543	7.16	0.39	13 / 13	NA to NA	1.73E+00	1.91E+00	3.03E+00	LN	1.175	100.0%	3.03E+00	UCL
m- and/or p-Xylene	108383	11.36	0.66	13 / 14	0.44 to 0.44	2.71E+00	3.11E+00	6.30E+00	LN	1.338	92.9%	6.30E+00	UCL
Methyl Acetate	79209	2.05	0.34	5 / 8	0.31 to 0.31	7.28E-01	7.48E-01	3.48E+00	LN	0.337	62.5%	2.05E+00	MAX
Methyl Ethyl Ketone	78933	16.44	0.74	7 / 13	0.30 to 0.30	3.19E+00	4.76E+00	5.14E+01	LN	0.745	53.8%	1.64E+01	MAX
Methyl tert-Butyl Ether	1634044	11.11	0.87	7 / 13	0.36 to 0.36	2.00E+00	3.01E+00	1.22E+01	LN	0.874	53.8%	1.11E+01	MAX
Methylcyclohexane	108872	3.29	0.45	3 / 8	0.41 to 0.41	6.71E-01	1.07E+00	2.10E+00	LN	0.205	37.5%	2.10E+00	UCL
Methylene Chloride	75092	37.16	0.77	13 / 14	0.35 to 0.35	8.90E+00	1.01E+01	5.05E+01	LN	4.702	92.9%	3.72E+01	MAX
o-Xylene	95476	3.60	1.18	4 / 14	1.10 to 1.10	1.03E+00	9.20E-01	1.50E+00	LN	0.550	28.6%	1.50E+00	UCL
Styrene	100425	77.33	5.34	5 / 14	1.08 to 1.08	1.33E+01	2.42E+01	2.11E+02	LN	0.540	35.7%	7.73E+01	MAX
tert-Butylbenzene	98066	0.94	0.94	1 / 8	0.55 to 0.55	3.58E-01	2.36E-01	5.11E-01	LN	0.275	12.5%	5.11E-01	UCL
Tetrachloroethylene	127184	1.23	0.82	2 / 14	0.69 to 0.69	4.43E-01	2.61E-01	5.41E-01	LN	0.345	14.3%	5.41E-01	UCL
Toluene	108883	202.92	1.52	14 / 14	NA to NA	4.66E+01	6.30E+01	5.13E+02	LN	6.758	100.0%	2.03E+02	MAX
Trichloroethylene	79016	20.45	2.01	6 / 14	0.54 to 0.54	2.41E+00	5.28E+00	7.93E+00	LN	0.270	42.9%	7.93E+00	UCL
Vinyl Chloride	75014	0.96	0.36	5 / 14	0.26 to 0.26	3.12E-01	2.98E-01	5.27E-01	LN	0.130	35.7%	5.27E-01	UCL

Table C16. Data Summary
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	1.71	0.61	3 / 19	0.55 to 0.55	3.97E-01	3.49E-01	4.79E-01	LN	0.275	15.8%	4.79E-01	UCL
1,1,2-Trichloroethane	79005	3.42	3.42	1 / 19	0.55 to 0.55	4.40E-01	7.21E-01	4.93E-01	LN	0.275	5.3%	4.93E-01	UCL
1,1-Dichloroethene	75354	10.57	10.57	1 / 19	0.40 to 0.40	7.46E-01	2.38E+00	6.36E-01	LN	0.200	5.3%	6.36E-01	UCL
1,2,4-Trimethylbenzene	95636	5.02	2.73	2 / 19	1.24 to 1.24	9.62E-01	1.09E+00	1.17E+00	LN	0.620	10.5%	1.17E+00	UCL
1,3,5-Trimethylbenzene	108678	1.29	1.29	1 / 19	1.24 to 1.24	6.55E-01	1.54E-01	7.01E-01	LN	0.620	5.3%	7.01E-01	UCL
1,3-Butadiene	106990	7.02	0.27	12 / 19	0.22 to 0.22	1.25E+00	2.03E+00	3.70E+00	LN	0.402	63.2%	3.70E+00	UCL
1,3-Dichloropropane	142289	7.00	4.62	2 / 16	0.47 to 0.47	9.32E-01	1.95E+00	1.42E+00	LN	0.235	12.5%	1.42E+00	UCL
1,4-Dichlorobenzene	106467	8.38	1.03	2 / 19	0.61 to 0.61	7.68E-01	1.85E+00	8.23E-01	LN	0.305	10.5%	8.23E-01	UCL
Acetone	67641	110.78	3.98	15 / 19	2.40 to 2.40	1.38E+01	2.52E+01	2.94E+01	LN	5.135	78.9%	2.94E+01	UCL
Acrylonitrile	107131	1.23	0.28	7 / 16	0.22 to 0.22	3.44E-01	3.64E-01	6.18E-01	LN	0.110	43.8%	6.18E-01	UCL
Benzene	71432	13.23	0.35	18 / 19	0.32 to 0.32	1.66E+00	3.04E+00	2.49E+00	LN	0.710	94.7%	2.49E+00	UCL
Bromoform	75252	1.67	1.67	1 / 19	1.04 to 1.04	5.81E-01	2.64E-01	6.43E-01	LN	0.520	5.3%	6.43E-01	UCL
Carbon Disulfide	75150	53.32	0.31	10 / 19	0.31 to 0.31	5.89E+00	1.47E+01	2.50E+01	LN	0.315	52.6%	2.50E+01	UCL
Carbon Tetrachloride	56235	1.46	0.70	14 / 19	0.64 to 0.64	7.10E-01	2.95E-01	8.94E-01	LN	0.762	73.7%	8.94E-01	UCL
Chlorobenzene	108907	0.56	0.56	1 / 19	0.47 to 0.47	2.52E-01	7.41E-02	2.73E-01	LN	0.235	5.3%	2.73E-01	UCL
Chloroethane	75003	0.43	0.32	2 / 19	0.27 to 0.27	1.60E-01	7.72E-02	1.82E-01	LN	0.135	10.5%	1.82E-01	UCL
Chloroform	67663	5.03	0.49	4 / 19	0.49 to 0.49	6.50E-01	1.15E+00	8.64E-01	LN	0.245	21.1%	8.64E-01	UCL
Chloromethane	74873	3.00	1.08	19 / 19	NA to NA	1.77E+00	6.08E-01	2.04E+00	LN	1.564	100.0%	2.04E+00	UCL
Chloroprene	126998	0.95	0.95	1 / 16	0.91 to 0.91	4.86E-01	1.24E-01	5.28E-01	LN	0.455	6.3%	5.28E-01	UCL
cis-1,2-Dichloroethene	156592	26.67	26.67	1 / 19	0.40 to 0.40	1.59E+00	6.07E+00	1.02E+00	LN	0.200	5.3%	1.02E+00	UCL
Cumene	98828	2.58	1.44	2 / 16	0.50 to 0.50	4.70E-01	6.37E-01	6.28E-01	LN	0.250	12.5%	6.28E-01	UCL
Cyclohexane	110827	3.96	0.52	3 / 19	0.35 to 0.35	4.95E-01	9.52E-01	6.38E-01	LN	0.175	15.8%	6.38E-01	UCL
Ethylbenzene	100414	39.56	1.05	4 / 19	0.44 to 0.44	4.41E+00	1.18E+01	9.14E+00	LN	0.220	21.1%	9.14E+00	UCL
Freon 11	75694	3.69	1.42	18 / 19	0.57 to 0.57	1.85E+00	6.00E-01	2.41E+00	LN	1.816	94.7%	2.41E+00	UCL
Freon 113	76131	1.78	0.77	14 / 19	0.77 to 0.77	9.04E-01	4.06E-01	1.07E+00	N	0.852	73.7%	1.07E+00	UCL
Freon 12	75718	7.14	2.88	19 / 19	NA to NA	3.75E+00	9.33E-01	4.08E+00	LN	3.470	100.0%	4.08E+00	UCL
Freon 22	75456	29.36	0.75	15 / 16	0.36 to 0.36	5.87E+00	7.43E+00	2.08E+01	LN	2.911	93.8%	2.08E+01	UCL
Hexane	110543	2.78	0.39	10 / 19	0.36 to 0.36	5.65E-01	6.53E-01	8.82E-01	LN	0.392	52.6%	8.82E-01	UCL
m- and/or p-Xylene	108383	21.49	0.66	7 / 19	0.44 to 0.44	2.46E+00	6.05E+00	4.54E+00	LN	0.220	36.8%	4.54E+00	UCL
Methyl Acetate	79209	3.55	0.34	5 / 16	0.31 to 0.31	6.10E-01	1.03E+00	1.10E+00	LN	0.155	31.3%	1.10E+00	UCL
Methyl Ethyl Ketone	78933	25.32	0.39	8 / 19	0.30 to 0.30	2.97E+00	7.68E+00	6.92E+00	LN	0.150	42.1%	6.92E+00	UCL
Methyl Isobutyl Ketone	108101	2.07	2.07	1 / 19	1.03 to 1.03	5.97E-01	3.57E-01	6.71E-01	LN	0.515	5.3%	6.71E-01	UCL
Methyl tert-Butyl Ether	1634044	2.26	0.40	7 / 19	0.36 to 0.36	5.55E-01	6.67E-01	9.04E-01	LN	0.180	36.8%	9.04E-01	UCL
Methylcyclohexane	108872	3.89	0.81	2 / 16	0.41 to 0.41	4.73E-01	9.25E-01	6.00E-01	LN	0.205	12.5%	6.00E-01	UCL
Methylene Chloride	75092	82.43	0.42	18 / 19	0.35 to 0.35	9.21E+00	2.11E+01	3.52E+01	LN	0.632	94.7%	3.52E+01	UCL
Naphthalene	91203	2.75	2.75	1 / 16	2.65 to 2.65	1.41E+00	3.57E-01	1.53E+00	LN	1.325	6.3%	1.53E+00	UCL
o-Xylene	95476	38.34	4.25	3 / 19	1.10 to 1.10	3.01E+00	8.67E+00	3.61E+00	LN	0.550	15.8%	3.61E+00	UCL
Propylbenzene	103651	2.04	2.04	1 / 16	1.24 to 1.24	7.09E-01	3.54E-01	8.06E-01	LN	0.620	6.3%	8.06E-01	UCL
Styrene	100425	102.07	3.83	4 / 19	1.08 to 1.08	1.14E+01	3.03E+01	2.62E+01	LN	0.540	21.1%	2.62E+01	UCL
tert-Butylbenzene	98066	3.83	0.61	3 / 16	0.55 to 0.55	5.42E-01	8.84E-01	6.86E-01	LN	0.275	18.8%	6.86E-01	UCL
Tetrachloroethylene	127184	31.51	1.03	4 / 19	0.69 to 0.69	2.14E+00	7.12E+00	2.06E+00	LN	0.345	21.1%	2.06E+00	UCL
Toluene	108883	346.86	0.53	18 / 19	0.38 to 0.38	3.69E+01	9.16E+01	2.33E+02	LN	2.475	94.7%	2.33E+02	UCL
Trichloroethylene	79016	4.99	0.54	4 / 19	0.54 to 0.54	9.58E-01	1.61E+00	1.48E+00	LN	0.270	21.1%	1.48E+00	UCL
Vinyl Chloride	75014	0.67	0.67	1 / 19	0.26 to 0.26	1.58E-01	1.24E-01	1.80E-01	LN	0.130	5.3%	1.80E-01	UCL

Table C17. Data Summary
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	1.16	0.77	2 / 11	0.55 to 0.55	4.00E-01	2.92E-01	5.56E-01	LN	0.275	18.2%	5.56E-01	UCL
1,1,2-Trichloroethane	79005	3.47	3.47	1 / 11	0.55 to 0.55	5.66E-01	9.64E-01	8.64E-01	LN	0.275	9.1%	8.64E-01	UCL
1,1-Dichloroethene	75354	10.45	10.45	1 / 11	0.40 to 0.40	1.13E+00	3.09E+00	2.09E+00	LN	0.200	9.1%	2.09E+00	UCL
1,2,3-Trichlorobenzene	87616	0.82	0.82	1 / 6	0.75 to 0.75	4.50E-01	1.84E-01	6.24E-01	LN	0.375	16.7%	6.24E-01	UCL
1,2,4-Trichlorobenzene	120821	1.12	0.97	2 / 11	0.75 to 0.75	4.98E-01	2.75E-01	6.48E-01	LN	0.375	18.2%	6.48E-01	UCL
1,3-Butadiene	106990	4.40	0.22	3 / 11	0.22 to 0.22	5.31E-01	1.29E+00	1.08E+00	LN	0.110	27.3%	1.08E+00	UCL
1,4-Dichlorobenzene	106467	0.85	0.85	1 / 11	0.61 to 0.61	3.55E-01	1.64E-01	4.25E-01	LN	0.305	9.1%	4.25E-01	UCL
Acetone	67641	40.74	3.07	5 / 11	2.40 to 2.40	6.20E+00	1.17E+01	1.71E+01	LN	1.200	45.5%	1.71E+01	UCL
Acrylonitrile	107131	0.59	0.26	4 / 6	0.22 to 0.22	2.78E-01	1.77E-01	4.23E-01	N	0.274	66.7%	4.23E-01	UCL
Benzene	71432	1.87	0.52	10 / 11	0.32 to 0.32	8.65E-01	4.40E-01	1.11E+00	N	0.774	90.9%	1.11E+00	UCL
Bromoform	75252	10.76	10.76	1 / 11	1.04 to 1.04	1.45E+00	3.09E+00	2.36E+00	LN	0.520	9.1%	2.36E+00	UCL
Carbon Disulfide	75150	13.84	0.53	4 / 11	0.31 to 0.31	1.94E+00	4.22E+00	1.31E+01	LN	0.155	36.4%	1.31E+01	UCL
Carbon Tetrachloride	56235	1.02	0.70	7 / 11	0.64 to 0.64	6.19E-01	2.60E-01	8.63E-01	LN	0.699	63.6%	8.63E-01	UCL
Chloroform	67663	4.69	0.69	3 / 11	0.49 to 0.49	8.10E-01	1.35E+00	1.81E+00	LN	0.245	27.3%	1.81E+00	UCL
Chloromethane	74873	2.29	1.23	11 / 11	NA to NA	1.56E+00	2.89E-01	1.72E+00	N	1.481	100.0%	1.72E+00	UCL
cis-1,2-Dichloroethene	156592	26.59	26.59	1 / 11	0.40 to 0.40	2.60E+00	7.96E+00	5.91E+00	LN	0.200	9.1%	5.91E+00	UCL
Cyclohexane	110827	0.80	0.38	2 / 11	0.35 to 0.35	2.51E-01	1.92E-01	3.42E-01	LN	0.175	18.2%	3.42E-01	UCL
Ethylbenzene	100414	5.97	5.97	1 / 11	0.44 to 0.44	7.42E-01	1.73E+00	1.25E+00	LN	0.220	9.1%	1.25E+00	UCL
Freon 11	75694	2.61	1.25	11 / 11	NA to NA	1.82E+00	3.87E-01	2.03E+00	N	1.816	100.0%	2.03E+00	UCL
Freon 113	76131	1.94	1.32	2 / 11	0.77 to 0.77	6.11E-01	5.21E-01	9.00E-01	LN	0.385	18.2%	9.00E-01	UCL
Freon 12	75718	4.21	2.03	11 / 11	NA to NA	3.39E+00	5.96E-01	3.71E+00	N	3.470	100.0%	3.71E+00	UCL
Freon 22	75456	4.36	1.04	6 / 6	NA to NA	2.83E+00	1.14E+00	3.77E+00	N	2.679	100.0%	3.77E+00	UCL
Hexane	110543	4.81	0.43	8 / 11	0.36 to 0.36	1.14E+00	1.35E+00	3.51E+00	LN	0.641	72.7%	3.51E+00	UCL
m- and/or p-Xylene	108383	2.54	1.10	4 / 11	0.44 to 0.44	6.78E-01	7.45E-01	1.62E+00	LN	0.220	36.4%	1.62E+00	UCL
Methyl Acetate	79209	0.73	0.34	2 / 6	0.31 to 0.31	2.82E-01	2.33E-01	6.83E-01	LN	0.155	33.3%	6.83E-01	UCL
Methyl Ethyl Ketone	78933	6.61	0.48	3 / 11	0.30 to 0.30	8.43E-01	1.93E+00	2.24E+00	LN	0.150	27.3%	2.24E+00	UCL
Methyl Isobutyl Ketone	108101	1.70	1.70	1 / 11	1.03 to 1.03	6.22E-01	3.56E-01	7.70E-01	LN	0.515	9.1%	7.70E-01	UCL
Methyl tert-Butyl Ether	1634044	4.84	1.38	3 / 11	0.36 to 0.36	9.19E-01	1.49E+00	3.41E+00	LN	0.180	27.3%	3.41E+00	UCL
Methylene Chloride	75092	11.47	0.46	9 / 11	0.35 to 0.35	2.36E+00	3.45E+00	1.33E+01	LN	0.597	81.8%	1.15E+01	MAX
o-Xylene	95476	36.32	36.32	1 / 11	1.10 to 1.10	3.80E+00	1.08E+01	7.32E+00	LN	0.550	9.1%	7.32E+00	UCL
Styrene	100425	19.79	1.72	2 / 11	1.08 to 1.08	2.40E+00	5.78E+00	4.73E+00	LN	0.540	18.2%	4.73E+00	UCL
Tetrachloroethylene	127184	31.51	31.51	1 / 11	0.69 to 0.69	3.18E+00	9.40E+00	6.56E+00	LN	0.345	9.1%	6.56E+00	UCL
Toluene	108883	63.58	0.84	10 / 11	0.38 to 0.38	8.78E+00	1.84E+01	5.81E+01	LN	3.236	90.9%	5.81E+01	UCL
Trichloroethylene	79016	3.20	3.20	1 / 11	0.54 to 0.54	5.36E-01	8.84E-01	8.13E-01	LN	0.270	9.1%	8.13E-01	UCL

Table C18. Data Summary
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	12.35	0.77	2 / 15	0.55 to 0.55	1.11E+00	3.11E+00	1.30E+00	LN	0.275	13.3%	1.30E+00	UCL
1,2,4-Trimethylbenzene	95636	3.08	1.44	2 / 15	1.24 to 1.24	8.39E-01	6.55E-01	1.03E+00	LN	0.620	13.3%	1.03E+00	UCL
1,3-Butadiene	106990	2.08	0.38	8 / 15	0.22 to 0.22	6.14E-01	7.06E-01	1.67E+00	LN	0.380	53.3%	1.67E+00	UCL
Acetone	67641	116.93	3.02	14 / 15	2.40 to 2.40	1.88E+01	2.93E+01	4.49E+01	LN	8.638	93.3%	4.49E+01	UCL
Acrylonitrile	107131	0.77	0.75	2 / 12	0.22 to 0.22	2.18E-01	2.52E-01	3.53E-01	LN	0.110	16.7%	3.53E-01	UCL
Benzene	71432	2.94	0.68	15 / 15	NA to NA	1.35E+00	7.46E-01	1.77E+00	LN	1.162	100.0%	1.77E+00	UCL
Bromoform	75252	15.56	15.56	1 / 15	1.04 to 1.04	1.52E+00	3.88E+00	1.75E+00	LN	0.520	6.7%	1.75E+00	UCL
Carbon Disulfide	75150	28.44	0.47	9 / 15	0.31 to 0.31	2.56E+00	7.19E+00	6.94E+00	LN	0.566	60.0%	6.94E+00	UCL
Carbon Tetrachloride	56235	1.08	0.70	12 / 15	0.64 to 0.64	6.87E-01	2.13E-01	8.50E-01	LN	0.762	80.0%	8.50E-01	UCL
Chloroform	67663	1.63	0.64	6 / 15	0.49 to 0.49	6.11E-01	5.37E-01	1.02E+00	LN	0.245	40.0%	1.02E+00	UCL
Chloromethane	74873	2.07	1.15	15 / 15	NA to NA	1.52E+00	3.00E-01	1.66E+00	LN	1.418	100.0%	1.66E+00	UCL
Chloroprene	126998	2.93	1.32	5 / 12	0.91 to 0.91	1.20E+00	1.02E+00	2.33E+00	LN	0.455	41.7%	2.33E+00	UCL
Cyclohexane	110827	0.76	0.76	1 / 15	0.35 to 0.35	2.14E-01	1.52E-01	2.53E-01	LN	0.175	6.7%	2.53E-01	UCL
Ethylbenzene	100414	13.47	0.48	4 / 15	0.44 to 0.44	1.17E+00	3.40E+00	1.43E+00	LN	0.220	26.7%	1.43E+00	UCL
Freon 11	75694	2.21	1.70	15 / 15	NA to NA	1.86E+00	1.54E-01	1.93E+00	LN	1.759	100.0%	1.93E+00	UCL
Freon 113	76131	1.39	0.77	8 / 15	0.77 to 0.77	7.68E-01	3.93E-01	1.07E+00	LN	0.774	53.3%	1.07E+00	UCL
Freon 114	76142	7.63	7.63	1 / 15	0.71 to 0.71	8.40E-01	1.88E+00	9.97E-01	LN	0.355	6.7%	9.97E-01	UCL
Freon 12	75718	4.66	3.37	15 / 15	NA to NA	3.78E+00	4.15E-01	3.97E+00	LN	3.569	100.0%	3.97E+00	UCL
Freon 22	75456	79.88	0.64	12 / 12	NA to NA	1.15E+01	2.19E+01	5.25E+01	LN	5.841	100.0%	5.25E+01	UCL
Hexane	110543	3.56	0.43	12 / 15	0.36 to 0.36	1.13E+00	9.78E-01	2.40E+00	LN	0.819	80.0%	2.40E+00	UCL
m- and/or p-Xylene	108383	6.23	0.48	13 / 15	0.44 to 0.44	1.40E+00	1.59E+00	2.71E+00	LN	0.702	86.7%	2.71E+00	UCL
Methyl Acetate	79209	1.35	0.34	6 / 12	0.31 to 0.31	3.73E-01	3.40E-01	6.26E-01	LN	0.246	50.0%	6.26E-01	UCL
Methyl Ethyl Ketone	78933	5.72	0.54	6 / 15	0.30 to 0.30	9.62E-01	1.56E+00	2.77E+00	LN	0.150	40.0%	2.77E+00	UCL
Methyl tert-Butyl Ether	1634044	9.07	0.76	7 / 15	0.36 to 0.36	1.38E+00	2.38E+00	4.26E+00	LN	0.180	46.7%	4.26E+00	UCL
Methylene Chloride	75092	30.56	0.39	13 / 15	0.35 to 0.35	3.09E+00	7.76E+00	7.30E+00	LN	0.597	86.7%	7.30E+00	UCL
o-Xylene	95476	2.37	2.37	1 / 15	1.10 to 1.10	6.71E-01	4.70E-01	7.92E-01	LN	0.550	6.7%	7.92E-01	UCL
Styrene	100425	42.64	42.64	1 / 15	1.08 to 1.08	3.35E+00	1.09E+01	3.33E+00	LN	0.540	6.7%	3.33E+00	UCL
Toluene	108883	132.94	0.42	15 / 15	NA to NA	1.47E+01	3.31E+01	4.99E+01	LN	4.835	100.0%	4.99E+01	UCL
Trichloroethylene	79016	8.90	8.90	1 / 15	0.54 to 0.54	8.45E-01	2.23E+00	9.57E-01	LN	0.270	6.7%	9.57E-01	UCL
Vinyl Chloride	75014	0.98	0.98	1 / 15	0.26 to 0.26	1.87E-01	2.20E-01	2.28E-01	LN	0.130	6.7%	2.28E-01	UCL

Table C19. Data Summary
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	26.29	0.66	2 / 18	0.55 to 0.55	1.74E+00	6.13E+00	1.38E+00	LN	0.275	11.1%	1.38E+00	UCL
1,2,4-Trimethylbenzene	95636	2.04	1.29	2 / 18	1.24 to 1.24	7.36E-01	3.61E-01	8.40E-01	LN	0.620	11.1%	8.40E-01	UCL
1,3-Butadiene	106990	3.98	0.87	5 / 18	0.22 to 0.22	7.51E-01	1.26E+00	1.95E+00	LN	0.110	27.8%	1.95E+00	UCL
1,3-Dichloropropane	142289	1.63	1.63	1 / 14	0.47 to 0.47	3.35E-01	3.74E-01	4.18E-01	LN	0.235	7.1%	4.18E-01	UCL
1,4-Dichlorobenzene	106467	1.34	0.91	4 / 18	0.61 to 0.61	4.73E-01	3.34E-01	6.04E-01	LN	0.305	22.2%	6.04E-01	UCL
Acetone	67641	48.97	4.18	16 / 18	2.40 to 2.40	1.18E+01	1.27E+01	2.24E+01	LN	7.174	88.9%	2.24E+01	UCL
Acrylonitrile	107131	0.88	0.33	3 / 14	0.22 to 0.22	2.21E-01	2.46E-01	3.35E-01	LN	0.110	21.4%	3.35E-01	UCL
Benzene	71432	3.16	0.39	17 / 18	0.32 to 0.32	9.75E-01	7.65E-01	1.44E+00	LN	0.774	94.4%	1.44E+00	UCL
Bromoform	75252	13.78	13.78	1 / 18	1.04 to 1.04	1.26E+00	3.13E+00	1.30E+00	LN	0.520	5.6%	1.30E+00	UCL
Carbon Disulfide	75150	17.27	0.44	10 / 18	0.31 to 0.31	2.14E+00	4.52E+00	6.36E+00	LN	0.456	55.6%	6.36E+00	UCL
Carbon Tetrachloride	56235	1.72	0.70	14 / 18	0.64 to 0.64	7.38E-01	3.27E-01	9.32E-01	LN	0.762	77.8%	9.32E-01	UCL
Chloroform	67663	1.87	1.23	4 / 18	0.49 to 0.49	5.49E-01	5.97E-01	8.16E-01	LN	0.245	22.2%	8.16E-01	UCL
Chloromethane	74873	2.88	1.04	18 / 18	NA to NA	1.59E+00	4.91E-01	1.80E+00	LN	1.471	100.0%	1.80E+00	UCL
Chloroprene	126998	6.66	1.06	3 / 14	0.91 to 0.91	1.00E+00	1.65E+00	1.41E+00	LN	0.455	21.4%	1.41E+00	UCL
Cyclohexane	110827	1.04	0.83	2 / 18	0.35 to 0.35	2.60E-01	2.50E-01	3.20E-01	LN	0.175	11.1%	3.20E-01	UCL
Ethylbenzene	100414	5.26	0.75	3 / 18	0.44 to 0.44	7.93E-01	1.58E+00	1.12E+00	LN	0.220	16.7%	1.12E+00	UCL
Freon 11	75694	4.65	1.59	18 / 18	NA to NA	2.01E+00	6.94E-01	2.23E+00	LN	1.873	100.0%	2.23E+00	UCL
Freon 113	76131	2.09	0.85	11 / 18	0.77 to 0.77	8.64E-01	4.76E-01	1.18E+00	LN	0.929	61.1%	1.18E+00	UCL
Freon 12	75718	8.13	3.07	18 / 18	NA to NA	3.93E+00	1.13E+00	4.31E+00	LN	3.619	100.0%	4.31E+00	UCL
Freon 22	75456	311.05	1.75	14 / 14	NA to NA	3.71E+01	8.17E+01	1.36E+02	LN	8.717	100.0%	1.36E+02	UCL
Hexane	110543	7.26	0.39	13 / 18	0.36 to 0.36	1.01E+00	1.69E+00	1.73E+00	LN	0.445	72.2%	1.73E+00	UCL
m- and/or p-Xylene	108383	5.00	0.53	6 / 18	0.44 to 0.44	9.75E-01	1.47E+00	1.90E+00	LN	0.220	33.3%	1.90E+00	UCL
Methyl Acetate	79209	2.05	0.37	8 / 14	0.31 to 0.31	4.77E-01	5.02E-01	8.25E-01	LN	0.383	57.1%	8.25E-01	UCL
Methyl Ethyl Ketone	78933	4.26	0.57	7 / 18	0.30 to 0.30	6.97E-01	1.04E+00	1.42E+00	LN	0.150	38.9%	1.42E+00	UCL
Methyl tert-Butyl Ether	1634044	0.95	0.44	3 / 18	0.36 to 0.36	2.75E-01	2.39E-01	3.46E-01	LN	0.180	16.7%	3.46E-01	UCL
Methylene Chloride	75092	29.34	0.46	15 / 18	0.35 to 0.35	4.04E+00	8.65E+00	1.13E+01	LN	0.579	83.3%	1.13E+01	UCL
o-Xylene	95476	1.54	1.32	2 / 18	1.10 to 1.10	6.47E-01	2.86E-01	7.36E-01	LN	0.550	11.1%	7.36E-01	UCL
Styrene	100425	29.35	26.16	2 / 18	1.08 to 1.08	3.56E+00	8.82E+00	4.84E+00	LN	0.540	11.1%	4.84E+00	UCL
Toluene	108883	121.75	0.42	18 / 18	NA to NA	1.57E+01	3.63E+01	4.19E+01	LN	1.904	100.0%	4.19E+01	UCL
Trichloroethylene	79016	11.34	5.80	2 / 18	0.54 to 0.54	1.19E+00	2.85E+00	1.54E+00	LN	0.270	11.1%	1.54E+00	UCL

Table C20. Data Summary
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

COMPOUND	CAS NUMBER	MAX CONC (ug/m3)	MIN CONC (ug/m3)	FREQUENCY OF DETECTION	SQL RANGE (ug/m3)	ARITH MEAN (ug/m3)	STD DEV (ug/m3)	95% UCL (ug/m3)	BASIS OF 95% UCL	MEDIAN CONC (ug/m3)	% DETECT	RME (ug/m3)	MAX / UCL
1,1,1-Trichloroethane	71556	0.72	0.72	1 / 21	0.55 to 0.55	2.96E-01	9.63E-02	3.20E-01	LN	0.275	4.8%	3.20E-01	UCL
1,2,4-Trichlorobenzene	120821	1.35	1.35	1 / 21	0.75 to 0.75	4.21E-01	2.13E-01	4.64E-01	LN	0.375	4.8%	4.64E-01	UCL
1,3-Butadiene	106990	2.32	0.22	17 / 21	0.22 to 0.22	8.58E-01	7.29E-01	1.79E+00	LN	0.603	81.0%	1.79E+00	UCL
1,4-Dichlorobenzene	106467	2.19	0.67	3 / 21	0.61 to 0.61	4.73E-01	4.85E-01	5.69E-01	LN	0.305	14.3%	5.69E-01	UCL
Acetone	67641	20.06	4.61	18 / 21	2.40 to 2.40	8.40E+00	5.22E+00	1.04E+01	N	7.606	85.7%	1.04E+01	UCL
Acrylonitrile	107131	1.10	0.24	8 / 15	0.22 to 0.22	3.39E-01	3.04E-01	6.06E-01	LN	0.241	53.3%	6.06E-01	UCL
Benzene	71432	3.03	0.52	21 / 21	NA to NA	1.13E+00	6.46E-01	1.39E+00	LN	0.936	100.0%	1.39E+00	UCL
Bromoform	75252	8.67	8.67	1 / 21	1.04 to 1.04	9.08E-01	1.78E+00	9.58E-01	LN	0.520	4.8%	9.58E-01	UCL
Carbon Disulfide	75150	3.87	0.35	9 / 21	0.31 to 0.31	7.42E-01	1.07E+00	1.38E+00	LN	0.155	42.9%	1.38E+00	UCL
Carbon Tetrachloride	56235	1.02	0.70	14 / 21	0.64 to 0.64	6.42E-01	2.50E-01	7.94E-01	LN	0.762	66.7%	7.94E-01	UCL
Chloroform	67663	0.94	0.59	4 / 21	0.49 to 0.49	3.58E-01	2.47E-01	4.35E-01	LN	0.245	19.0%	4.35E-01	UCL
Chloromethane	74873	3.32	1.11	21 / 21	NA to NA	1.60E+00	5.66E-01	1.80E+00	LN	1.356	100.0%	1.80E+00	UCL
Chloroprene	126998	1.90	0.95	3 / 15	0.91 to 0.91	6.71E-01	4.88E-01	8.66E-01	LN	0.455	20.0%	8.66E-01	UCL
Ethylbenzene	100414	0.88	0.61	2 / 21	0.44 to 0.44	2.70E-01	1.63E-01	3.08E-01	LN	0.220	9.5%	3.08E-01	UCL
Freon 11	75694	3.01	1.53	21 / 21	NA to NA	1.97E+00	3.71E-01	2.10E+00	LN	1.873	100.0%	2.10E+00	UCL
Freon 113	76131	1.39	0.77	13 / 21	0.77 to 0.77	7.36E-01	3.24E-01	9.13E-01	LN	0.774	61.9%	9.13E-01	UCL
Freon 12	75718	5.70	3.27	21 / 21	NA to NA	3.94E+00	7.54E-01	4.22E+00	LN	3.619	100.0%	4.22E+00	UCL
Freon 22	75456	140.07	0.50	15 / 15	NA to NA	1.60E+01	3.49E+01	4.74E+01	LN	6.537	100.0%	4.74E+01	UCL
Hexane	110543	2.49	0.43	16 / 21	0.36 to 0.36	9.11E-01	7.41E-01	1.57E+00	LN	0.676	76.2%	1.57E+00	UCL
m- and/or p-Xylene	108383	4.12	0.48	17 / 21	0.44 to 0.44	1.02E+00	9.69E-01	1.58E+00	LN	0.746	81.0%	1.58E+00	UCL
Methyl Acetate	79209	0.73	0.34	7 / 15	0.31 to 0.31	3.01E-01	1.83E-01	4.23E-01	LN	0.155	46.7%	4.23E-01	UCL
Methyl Ethyl Ketone	78933	2.71	0.36	9 / 21	0.30 to 0.30	6.50E-01	7.74E-01	1.24E+00	LN	0.150	42.9%	1.24E+00	UCL
Methyl tert-Butyl Ether	1634044	7.32	0.55	10 / 21	0.36 to 0.36	1.49E+00	2.08E+00	4.20E+00	LN	0.180	47.6%	4.20E+00	UCL
Methylene Chloride	75092	7.51	0.39	21 / 21	NA to NA	2.41E+00	2.45E+00	4.29E+00	LN	1.088	100.0%	4.29E+00	UCL
Styrene	100425	1.29	1.29	1 / 21	1.08 to 1.08	5.76E-01	1.64E-01	6.18E-01	LN	0.540	4.8%	6.18E-01	UCL
Tetrachloroethylene	127184	0.96	0.96	2 / 21	0.69 to 0.69	4.03E-01	1.85E-01	4.52E-01	LN	0.345	9.5%	4.52E-01	UCL
Toluene	108883	36.17	1.07	21 / 21	NA to NA	7.61E+00	9.73E+00	1.32E+01	LN	3.731	100.0%	1.32E+01	UCL
Vinyl Chloride	75014	1.29	0.77	2 / 21	0.26 to 0.26	2.16E-01	2.84E-01	2.56E-01	LN	0.130	9.5%	2.56E-01	UCL

APPENDIX D

Risk Tables

In the following tables the term RME represents the value chosen as the 95% UCL (calculated 95% UCL or maximum). In the text the term 95% UCL is used.

Table D1. RME Chronic Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**4.2%**	4.31E-01	2.0E-02		2.2E-02			
FORMALDEHYDE	50000	100.0%	3.53E+00	9.8E-03	1.3E-02	3.6E-01	X	4.6E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	46.2%	1.88E-02	6.0E-01		3.1E-05			
1,1-BIPHENYL	92524	92.3%	1.33E-02	1.8E-01		7.6E-05			
2-METHYL-4,6-DINITROPHENOL	534521	**7.7%**	1.20E-02						
2-METHYLNAPHTHALENE	91576	100.0%	1.04E-01						
2-METHYLPHENOL	95487	34.6%	1.90E-02	6.0E-01		3.2E-05			
2-NITROPHENOL	88755	26.9%	2.57E-02						
4-NITROPHENOL	106445	11.5%	4.10E-02	6.0E-01		6.8E-05			
ACENAPHTHENE	83329	84.6%	2.28E-02	2.1E-01		1.1E-04			
ACENAPHTHYLENE	208968	**3.8%**	7.40E-03						
ACETOPHENONE	98862	15.4%	3.27E-02	3.5E-01		9.3E-05			
BENZALDEHYDE	100527	**3.8%**	2.57E-02	3.5E-01		7.4E-05			
BENZO(B)FLUORANTHENE	205992	**3.8%**	4.40E-03		1.1E-01			4.8E-07	
DIBENZOFURAN	132649	92.3%	2.25E-02						
FLUORANTHENE	206440	73.1%	1.47E-02	1.4E-01		1.1E-04			
FLUORENE	86737	88.5%	1.69E-02	1.4E-01		1.2E-04			
NAPHTHALENE	91203	100.0%	1.88E-01	3.0E-03		6.3E-02			
PENTACHLOROPHENOL	87865	**3.8%**	3.80E-02	1.1E-01	5.1E-03	3.6E-04		1.9E-07	
PHENANTHRENE	85018	88.5%	3.70E-02						
PHENOL	108952	57.7%	3.45E-02	2.0E-01		1.7E-04			
PYRENE	129000	50.0%	1.40E-02	1.1E-01		1.3E-04			
(M- AND/OR P-)XYLENE	108383	100.0%	4.37E+00	1.0E-01		4.4E-02			
1,1,1-TRICHLOROETHANE	71556	51.7%	8.94E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	6.64E-01	1.1E+02		6.3E-06			
1,1,2-TRICHLOROETHANE	79005	**6.9%**	4.20E-01	1.4E-02	1.6E-02	3.0E-02		6.7E-06	X
1,2,4-TRIMETHYLBENZENE	95636	96.6%	1.10E+00						
1,3,5-TRIMETHYLBENZENE	108678	24.1%	8.05E-01						
1,3-BUTADIENE	106990	55.2%	1.01E+00	2.0E-03	3.0E-02	5.0E-01	X	3.0E-05	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	5.54E+00						
ACETONE	67641	82.1%	3.24E+01	3.1E+01		1.0E-03			
ACRYLONITRILE	107131	**3.6%**	3.20E-01	2.0E-03	6.8E-02	1.6E-01	X	2.2E-05	X
BENZENE	71432	100.0%	2.50E+00	6.0E-02	7.8E-03	4.2E-02		2.0E-05	X
CARBON TETRACHLORIDE	56235	96.6%	7.07E-01	4.0E-02	1.5E-02	1.8E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	3.06E+01	5.0E+01		6.1E-04			
CHLOROFORM	67663	51.7%	6.88E-01	9.8E-02	2.3E-02	7.0E-03		1.6E-05	X
CHLOROMETHANE	74873	96.6%	1.38E+00	9.0E-02		1.5E-02			
CYCLOHEXANE	110827	42.9%	2.68E+00						
DICHLORODIFLUOROMETHANE	75718	96.4%	4.47E+00	7.0E-01		6.4E-03			
ETHYL ACRYLATE	140885	**3.6%**	1.70E+00		1.4E-02			2.3E-05	X
ETHYL BENZENE	100414	96.6%	1.29E+00	1.0E+00		1.3E-03			
HEXANE	110543	96.4%	1.11E+01	2.0E-01		5.5E-02			
ISOPROPYLBENZENE	98828	**6.9%**	5.10E-01	4.0E-01		1.3E-03			
METHYL ACETATE	79209	21.4%	7.15E-01	3.5E+00		2.0E-04			
METHYL ETHYL KETONE	78933	85.7%	1.01E+01	1.0E+00		1.0E-02			

Table D1. RME Chronic Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
METHYL ISOBUTYL KETONE	108101	35.7%	2.96E+00	2.8E-01		1.1E-02			
METHYL METHACRYLATE	80626	28.6%	1.68E+00	7.0E-01		2.4E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	4.70E+00	3.0E+00		1.6E-03			
METHYLCYCLOHEXANE	108872	60.7%	1.25E+00	3.0E+00		4.2E-04			
METHYLENE CHLORIDE	75092	69.0%	5.98E-01	1.0E+00	4.7E-04	6.0E-04		2.8E-07	
N-PROPYLBENZENE	103651	24.1%	5.20E-01						
O-XYLENE	95476	96.6%	1.32E+00	1.0E-01		1.3E-02			
STYRENE	100425	20.7%	1.50E+00	1.0E+00		1.5E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	24.1%	6.00E-01	2.7E-01	5.9E-03	2.2E-03		3.5E-06	X
TOLUENE	108883	100.0%	2.29E+01	4.0E-01		5.7E-02			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**6.9%**	2.40E+00	6.0E-01	2.0E-03	4.0E-03		4.8E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	96.6%	1.77E+00	1.1E+00		1.7E-03			
VINYL CHLORIDE	75014	**3.4%**	4.82E-01	1.0E-01	8.8E-03	4.8E-03		4.2E-06	X
ALUMINUM	7429905	91.7%	1.60E+00						
ANTIMONY	7440360	54.2%	1.53E-02	1.4E-03		1.1E-02			
ARSENIC	7440382	100.0%	1.87E-03	3.0E-05	4.3E+00	6.2E-02		8.0E-06	X
BARIUM	7440393	100.0%	1.78E-02	2.5E-01		7.2E-05			
BERYLLIUM	7440417	45.8%	5.72E-05	2.0E-05	2.4E+00	2.9E-03		1.4E-07	
CADMIUM	7440439	45.8%	6.58E-04	2.0E-05	1.8E+00	3.3E-02		1.2E-06	X
CALCIUM	7440702	100.0%	6.58E+00						
CHROMIUM	18540299	100.0%	4.66E-03	1.0E-04	1.2E+01	4.7E-02		5.6E-05	X
COPPER	7440508	100.0%	4.31E-01						
IRON	7439896	100.0%	7.94E-01						
LEAD	7439921	50.0%	1.29E-02		1.2E-02			1.5E-07	
MAGNESIUM	7439954	87.5%	5.15E-01						
MANGANESE	7439965	100.0%	2.33E-02	5.0E-05		4.7E-01	X		
MOLYBDENUM	7439987	20.8%	1.33E-03	1.8E-02		7.6E-05			
NICKEL	7440020	100.0%	4.33E-03	2.0E-04	4.8E-01	2.2E-02		2.1E-06	X
POTASSIUM	7440097	16.7%	3.24E-01						
SELENIUM	7782492	29.2%	4.00E-03	2.0E-02		2.0E-04			
SILVER	7440224	**4.2%**	2.60E-04	1.8E-02		1.5E-05			
SODIUM	7440235	91.7%	1.16E+00						
STRONTIUM	7440246	95.8%	7.00E-03	2.1E+00		3.3E-06			
THALLIUM	7440280	20.8%	9.40E-05						
TIN	7440315	20.8%	4.90E-03	2.1E+00		2.3E-06			
TITANIUM	7440326	95.8%	1.39E-02						
VANADIUM	7440622	33.3%	1.87E-03	2.5E-02		7.6E-05			
ZINC	7440666	95.8%	7.18E-02	1.1E+00		6.8E-05			
					Cumulative Risk:	**2.1E+00**		**2.5E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.9E+00**		**1.9E-04**	

Table D2. Median Chronic Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**4.2%**	0.315	2.0E-02		1.6E-02			
FORMALDEHYDE	50000	100.0%	1.3	9.8E-03	1.3E-02	1.3E-01	X	1.7E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	46.2%	0.01625	6.0E-01		2.7E-05			
1,1-BIPHENYL	92524	92.3%	0.0093	1.8E-01		5.3E-05			
2-METHYL-4,6-DINITROPHENOL	534521	**7.7%**	0.03575						
2-METHYLNAPHTHALENE	91576	100.0%	0.0595						
2-METHYLPHENOL	95487	34.6%	0.01725	6.0E-01		2.9E-05			
2-NITROPHENOL	88755	26.9%	0.018						
4-NITROPHENOL	106445	11.5%	0.03575	6.0E-01		6.0E-05			
ACENAPHTHENE	83329	84.6%	0.015	2.1E-01		7.1E-05			
ACENAPHTHYLENE	208968	**3.8%**	0.018						
ACETOPHENONE	98862	15.4%	0.01825	3.5E-01		5.2E-05			
BENZALDEHYDE	100527	**3.8%**	0.018	3.5E-01		5.1E-05			
BENZO(B)FLUORANTHENE	205992	**3.8%**	0.018		1.1E-01			2.0E-06	X
DIBENZOFURAN	132649	92.3%	0.0145						
FLUORANTHENE	206440	73.1%	0.0094	1.4E-01		6.7E-05			
FLUORENE	86737	88.5%	0.0099	1.4E-01		7.1E-05			
NAPHTHALENE	91203	100.0%	0.135	3.0E-03		4.5E-02			
PENTACHLOROPHENOL	87865	**3.8%**	0.03625	1.1E-01	5.1E-03	3.5E-04		1.8E-07	
PHENANTHRENE	85018	88.5%	0.022						
PHENOL	108952	57.7%	0.01825	2.0E-01		9.1E-05			
PYRENE	129000	50.0%	0.015	1.1E-01		1.4E-04			
(M- AND/OR P-)XYLENE	108383	100.0%	2.6	1.0E-01		2.6E-02			
1,1,1-TRICHLOROETHANE	71556	51.7%	0.55						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.605	1.1E+02		5.8E-06			
1,1,2-TRICHLOROETHANE	79005	**6.9%**	0.7	1.4E-02	1.6E-02	5.0E-02		1.1E-05	X
1,2,4-TRIMETHYLBENZENE	95636	96.6%	0.72						
1,3,5-TRIMETHYLBENZENE	108678	24.1%	0.55						
1,3-BUTADIENE	106990	55.2%	0.33	2.0E-03	3.0E-02	1.7E-01	X	9.9E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	1.1						
ACETONE	67641	82.1%	17.5	3.1E+01		5.6E-04			
ACRYLONITRILE	107131	**3.6%**	1.95	2.0E-03	6.8E-02	9.8E-01	X	1.3E-04	X
BENZENE	71432	100.0%	1.8	6.0E-02	7.8E-03	3.0E-02		1.4E-05	X
CARBON TETRACHLORIDE	56235	96.6%	0.62	4.0E-02	1.5E-02	1.6E-02		9.3E-06	X
CHLORODIFLUOROMETHANE	75456	100.0%	8.75	5.0E+01		1.8E-04			
CHLOROFORM	67663	51.7%	0.55	9.8E-02	2.3E-02	5.6E-03		1.3E-05	X
CHLOROMETHANE	74873	96.6%	1.1	9.0E-02		1.2E-02			
CYCLOHEXANE	110827	42.9%	1.4						
DICHLORODIFLUOROMETHANE	75718	96.4%	3	7.0E-01		4.3E-03			
ETHYL ACRYLATE	140885	**3.6%**	1.9		1.4E-02			2.6E-05	X
ETHYL BENZENE	100414	96.6%	0.75	1.0E+00		7.5E-04			
HEXANE	110543	96.4%	4.1	2.0E-01		2.1E-02			
ISOPROPYLBENZENE	98828	**6.9%**	0.55	4.0E-01		1.4E-03			
METHYL ACETATE	79209	21.4%	0.425	3.5E+00		1.2E-04			
METHYL ETHYL KETONE	78933	85.7%	3.6	1.0E+00		3.6E-03			

Table D2. Median Chronic Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
METHYL ISOBUTYL KETONE	108101	35.7%	2.175	2.8E-01		7.8E-03			
METHYL METHACRYLATE	80626	28.6%	0.6	7.0E-01		8.6E-04			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	2	3.0E+00		6.7E-04			
METHYLCYCLOHEXANE	108872	60.7%	0.6	3.0E+00		2.0E-04			
METHYLENE CHLORIDE	75092	69.0%	0.445	1.0E+00	4.7E-04	4.5E-04		2.1E-07	
N-PROPYLBENZENE	103651	24.1%	0.55						
O-XYLENE	95476	96.6%	0.78	1.0E-01		7.8E-03			
STYRENE	100425	20.7%	1.5	1.0E+00		1.5E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	24.1%	0.75	2.7E-01	5.9E-03	2.8E-03		4.4E-06	X
TOLUENE	108883	100.0%	8.7	4.0E-01		2.2E-02			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**6.9%**	1.25	6.0E-01	2.0E-03	2.1E-03		2.5E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	96.6%	1.6	1.1E+00		1.5E-03			
VINYL CHLORIDE	75014	**3.4%**	0.43	1.0E-01	8.8E-03	4.3E-03		3.8E-06	X
ALUMINUM	7429905	91.7%	0.36						
ANTIMONY	7440360	54.2%	0.003175	1.4E-03		2.3E-03			
ARSENIC	7440382	100.0%	0.0014	3.0E-05	4.3E+00	4.7E-02		6.0E-06	X
BARIUM	7440393	100.0%	0.013	2.5E-01		5.3E-05			
BERYLLIUM	7440417	45.8%	0.0000285	2.0E-05	2.4E+00	1.4E-03		6.8E-08	
CADMIUM	7440439	45.8%	0.000345	2.0E-05	1.8E+00	1.7E-02		6.2E-07	
CALCIUM	7440702	100.0%	3.35						
CHROMIUM	18540299	100.0%	0.0038	1.0E-04	1.2E+01	3.8E-02		4.6E-05	X
COPPER	7440508	100.0%	0.36						
IRON	7439896	100.0%	0.495						
LEAD	7439921	50.0%	0.00835		1.2E-02			1.0E-07	
MAGNESIUM	7439954	87.5%	0.455						
MANGANESE	7439965	100.0%	0.015	5.0E-05		3.0E-01	X		
MOLYBDENUM	7439987	20.8%	0.000775	1.8E-02		4.4E-05			
NICKEL	7440020	100.0%	0.00375	2.0E-04	4.8E-01	1.9E-02		1.8E-06	X
POTASSIUM	7440097	16.7%	0.29						
SELENIUM	7782492	29.2%	0.002925	2.0E-02		1.5E-04			
SILVER	7440224	**4.2%**	0.00075	1.8E-02		4.3E-05			
SODIUM	7440235	91.7%	0.8						
STRONTIUM	7440246	95.8%	0.0049	2.1E+00		2.3E-06			
THALLIUM	7440280	20.8%	0.00003575						
TIN	7440315	20.8%	0.003175	2.1E+00		1.5E-06			
TITANIUM	7440326	95.8%	0.00885						
VANADIUM	7440622	33.3%	0.00105	2.5E-02		4.3E-05			
ZINC	7440666	95.8%	0.0605	1.1E+00		5.8E-05			
					Cumulative Risk:	**2.0E+00**		**3.0E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**9.3E-01**		**1.2E-04**	

Table D3. Acute Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HCL (CALCULATED FROM CL)	7647010	**4.2%**	0.51	8.8E-02	5.8E-03	
FORMALDEHYDE	50000	100.0%	12	4.9E-02	2.4E-01	
(3-AND/OR 4-)METHYLPHENOL	108394	46.2%	0.025			
1,1-BIPHENYL	92524	92.3%	0.025			
2-METHYL-4,6-DINITROPHENOL	534521	**7.7%**	0.012			
2-METHYLNAPHTHALENE	91576	100.0%	0.2			
2-METHYLPHENOL	95487	34.6%	0.019			
2-NITROPHENOL	88755	26.9%	0.05			
4-NITROPHENOL	106445	11.5%	0.041			
ACENAPHTHENE	83329	84.6%	0.048			
ACENAPHTHYLENE	208968	**3.8%**	0.0074			
ACETOPHENONE	98862	15.4%	0.14			
BENZALDEHYDE	100527	**3.8%**	0.13			
BENZO(B)FLUORANTHENE	205992	**3.8%**	0.0044			
DIBENZOFURAN	132649	92.3%	0.049			
FLUORANTHENE	206440	73.1%	0.025			
FLUORENE	86737	88.5%	0.037			
NAPHTHALENE	91203	100.0%	0.44			
PENTACHLOROPHENOL	87865	**3.8%**	0.038			
PHENANTHRENE	85018	88.5%	0.097			
PHENOL	108952	57.7%	0.1	2.4E-01	4.1E-04	
PYRENE	129000	50.0%	0.014			
(M- AND/OR P-)XYLENE	108383	100.0%	15	4.3E+00	3.5E-03	
1,1,1-TRICHLOROETHANE	71556	51.7%	8.6	1.1E+01	7.8E-04	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.91			
1,1,2-TRICHLOROETHANE	79005	**6.9%**	0.42			
1,2,4-TRIMETHYLBENZENE	95636	96.6%	3			
1,3,5-TRIMETHYLBENZENE	108678	24.1%	4.9			
1,3-BUTADIENE	106990	55.2%	4.9	9.2E-01	5.3E-03	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	31			
ACETONE	67641	82.1%	80	6.2E+01	1.3E-03	
ACRYLONITRILE	107131	**3.6%**	0.32	2.2E-01	1.5E-03	
BENZENE	71432	100.0%	10	1.6E-01	6.3E-02	
CARBON TETRACHLORIDE	56235	96.6%	0.97	1.3E+00	7.5E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	77			
CHLOROFORM	67663	51.7%	1.4	4.9E-01	2.9E-03	
CHLOROMETHANE	74873	96.6%	2.4	1.0E+00	2.4E-03	
CYCLOHEXANE	110827	42.9%	3.9			
DICHLORODIFLUOROMETHANE	75718	96.4%	22			
ETHYL ACRYLATE	140885	**3.6%**	1.7	5.1E+00	3.3E-04	
ETHYL BENZENE	100414	96.6%	5.3			
HEXANE	110543	96.4%	62			
ISOPROPYLBENZENE	98828	**6.9%**	0.51			
METHYL ACETATE	79209	21.4%	2.8			

Table D3. Acute Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
METHYL ETHYL KETONE	78933	85.7%	36	5.4E-01	6.6E-02	
METHYL ISOBUTYL KETONE	108101	35.7%	7			
METHYL METHACRYLATE	80626	28.6%	18			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	14	7.2E+00	1.9E-03	
METHYLCYCLOHEXANE	108872	60.7%	7.5			
METHYLENE CHLORIDE	75092	69.0%	1.2	2.1E+00	5.7E-04	
N-PROPYLBENZENE	103651	24.1%	0.52			
O-XYLENE	95476	96.6%	3.9	4.3E+00	9.1E-04	
STYRENE	100425	20.7%	1.5	8.8E-01	1.7E-03	
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	24.1%	0.6	1.4E+00	4.3E-04	
TOLUENE	108883	100.0%	64	3.8E+00	1.7E-02	
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**6.9%**	2.4	1.1E+01	2.2E-04	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	96.6%	2.6			
VINYL CHLORIDE	75014	**3.4%**	1	1.3E+00	7.7E-04	
ALUMINUM	7429905	91.7%	4.7			
ANTIMONY	7440360	54.2%	0.026			
ARSENIC	7440382	100.0%	0.0033	3.2E-05	1.0E-01	
BARIUM	7440393	100.0%	0.035			
BERYLLIUM	7440417	45.8%	0.000072	1.0E-03	6.9E-05	
CADMIUM	7440439	45.8%	0.0013			
CALCIUM	7440702	100.0%	20			
CHROMIUM	18540299	100.0%	0.0076			
COPPER	7440508	100.0%	0.91	4.2E-03	2.2E-01	
IRON	7439896	100.0%	2			
LEAD	7439921	50.0%	0.033			
MAGNESIUM	7439954	87.5%	1.1			
MANGANESE	7439965	100.0%	0.05			
MOLYBDENUM	7439987	20.8%	0.0029			
NICKEL	7440020	100.0%	0.0083	2.5E-04	3.3E-02	
POTASSIUM	7440097	16.7%	0.64			
SELENIUM	7782492	29.2%	0.004			
SILVER	7440224	**4.2%**	0.00026			
SODIUM	7440235	91.7%	2.8			
STRONTIUM	7440246	95.8%	0.015			
THALLIUM	7440280	20.8%	0.000094			
TIN	7440315	20.8%	0.0082			
TITANIUM	7440326	95.8%	0.024			
VANADIUM	7440622	33.3%	0.004	2.0E-04	2.0E-02	
ZINC	7440666	95.8%	0.12			

Table D3. Acute Risk Summary
WLATS Site Number 1 - Louisville Police Firearms Training (EPA Site ID 1)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
4,4'-DDE (P,P'-DDE)	72559	100.0%	0.00007			
4,4'-DDT (P,P'-DDT)	50293	100.0%	0.00014			
ALPHA-BHC	319846	100.0%	0.000046			
ALPHA-CHLORDANE /2	5103719	100.0%	0.00028			
ALPHA-CHLORDENE /2	0	100.0%	0.00004			
BETA-BHC	319857	100.0%	0.000045			
BETA-CHLORDENE /2	0	100.0%	0.000076			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00025			
GAMMA-BHC (LINDANE)	58899	100.0%	0.000046			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00026			
HEPTACHLOR	76448	100.0%	0.00025			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.000072			
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	100.0%	0.0000096			
PCB Congener #101	1336363	100.0%	0.000031			
PCB Congener #28	1336363	100.0%	0.000025			
PCB Congener #60	1336363	100.0%	0.00004			

Table D4. RME Chronic Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	10.7%	5.89E-01	2.0E-02		2.9E-02			
FORMALDEHYDE	50000	100.0%	1.69E+00	9.8E-03	1.3E-02	1.7E-01	X	2.2E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	46.7%	1.88E-02	6.0E-01		3.1E-05			
1,1-BIPHENYL	92524	76.7%	1.16E-02	1.8E-01		6.6E-05			
2-METHYLNAPHTHALENE	91576	100.0%	4.72E-02						
2-METHYLPHENOL	95487	30.0%	1.20E-02	6.0E-01		2.0E-05			
2-NITROPHENOL	88755	20.0%	2.47E-02						
4-CHLOROANILINE	106478	10.0%	9.70E-03	1.4E-02		6.9E-04			
4-NITROPHENOL	106445	**6.7%**	1.80E-02	6.0E-01		3.0E-05			
ACENAPHTHENE	83329	50.0%	1.68E-02	2.1E-01		8.0E-05			
ACENAPHTHYLENE	208968	10.0%	8.10E-03						
ACETOPHENONE	98862	20.0%	5.40E-02	3.5E-01		1.5E-04			
ANTHRACENE	120127	13.3%	9.50E-03	1.1E+00		9.0E-06			
BENZALDEHYDE	100527	**3.3%**	2.69E-02	3.5E-01		7.7E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	46.7%	8.26E-02	7.0E-02	2.4E-03	1.2E-03		2.0E-07	
DIBENZOFURAN	132649	63.3%	1.54E-02						
DIETHYL PHTHALATE	84662	**3.3%**	2.12E-02	2.8E+00		7.6E-06			
DI-N-BUTYLPHTHALATE	84742	**6.7%**	2.39E-02	3.5E-01		6.8E-05			
FLUORANTHENE	206440	46.7%	2.07E-02	1.4E-01		1.5E-04			
FLUORENE	86737	63.3%	1.55E-02	1.4E-01		1.1E-04			
NAPHTHALENE	91203	96.7%	8.64E-02	3.0E-03		2.9E-02			
NITROBENZENE	98953	10.0%	2.10E-02	1.8E-03		1.2E-02			
PENTACHLOROPHENOL	87865	30.0%	4.30E-02	1.1E-01	5.1E-03	4.1E-04		2.2E-07	
PHENANTHRENE	85018	96.7%	2.51E-02						
PHENOL	108952	56.7%	4.25E-02	2.0E-01		2.1E-04			
PYRENE	129000	40.0%	2.09E-02	1.1E-01		2.0E-04			
(M- AND/OR P-)XYLENE	108383	80.6%	1.68E+00	1.0E-01		1.7E-02			
1,1,1-TRICHLOROETHANE	71556	45.2%	4.30E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	7.45E-01	1.1E+02		7.1E-06			
1,2,4-TRIMETHYLBENZENE	95636	67.7%	1.07E+00						
1,3,5-TRIMETHYLBENZENE	108678	19.4%	7.36E-01						
1,3-BUTADIENE	106990	61.3%	9.76E+00	2.0E-03	3.0E-02	4.9E+00	X	2.9E-04	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	9.72E+01						
ACETONE	67641	67.9%	1.60E+01	3.1E+01		5.2E-04			
BENZENE	71432	90.3%	1.51E+00	6.0E-02	7.8E-03	2.5E-02		1.2E-05	X
CARBON DISULFIDE	75150	**9.7%**	6.02E+00	7.0E-01		8.6E-03			
CARBON TETRACHLORIDE	56235	90.3%	7.62E-01	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	4.09E+02	5.0E+01		8.2E-03			
CHLOROFORM	67663	67.7%	1.36E+00	9.8E-02	2.3E-02	1.4E-02		3.1E-05	X
CHLOROMETHANE	74873	93.5%	1.50E+00	9.0E-02		1.7E-02			
CYCLOHEXANE	110827	10.7%	7.60E-01						
DICHLORODIFLUOROMETHANE	75718	96.7%	7.83E+00	7.0E-01		1.1E-02			
ETHYL ACRYLATE	140885	20.7%	8.60E-01		1.4E-02			1.2E-05	X
ETHYL BENZENE	100414	74.2%	6.86E-01	1.0E+00		6.9E-04			

Table D4. RME Chronic Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HEXANE	110543	96.4%	2.66E+00	2.0E-01		1.3E-02			
METHYL ACETATE	79209	35.7%	4.65E-01	3.5E+00		1.3E-04			
METHYL ETHYL KETONE	78933	82.1%	3.05E+00	1.0E+00		3.0E-03			
METHYL METHACRYLATE	80626	64.3%	7.59E+00	7.0E-01		1.1E-02			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	4.58E+00	3.0E+00		1.5E-03			
METHYLCYCLOHEXANE	108872	14.3%	5.00E-01	3.0E+00		1.7E-04			
METHYLENE CHLORIDE	75092	51.6%	6.29E-01	1.0E+00	4.7E-04	6.3E-04		3.0E-07	
N-PROPYLBENZENE	103651	25.8%	6.20E-01						
O-XYLENE	95476	77.4%	9.18E-01	1.0E-01		9.2E-03			
SEC-BUTYLBENZENE	135988	**6.5%**	1.41E+00						
STYRENE	100425	38.7%	1.10E+00	1.0E+00		1.1E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	35.5%	9.57E-01	2.7E-01	5.9E-03	3.5E-03		5.6E-06	X
TOLUENE	108883	100.0%	5.33E+01	4.0E-01		1.3E-01	X		
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	1.77E+00	1.1E+00		1.7E-03			
VINYL CHLORIDE	75014	**9.7%**	5.42E-01	1.0E-01	8.8E-03	5.4E-03		4.8E-06	X
ALUMINUM	7429905	100.0%	1.07E+01						
ANTIMONY	7440360	46.2%	2.30E-03	1.4E-03		1.6E-03			
ARSENIC	7440382	100.0%	2.47E-03	3.0E-05	4.3E+00	8.2E-02		1.1E-05	X
BARIUM	7440393	100.0%	1.43E-02	2.5E-01		5.8E-05			
BERYLLIUM	7440417	53.8%	6.57E-05	2.0E-05	2.4E+00	3.3E-03		1.6E-07	
CADMIUM	7440439	53.8%	9.50E-04	2.0E-05	1.8E+00	4.8E-02		1.7E-06	X
CALCIUM	7440702	100.0%	7.86E+00						
CHROMIUM	18540299	100.0%	4.97E-03	1.0E-04	1.2E+01	5.0E-02		6.0E-05	X
COBALT	7440484	**3.8%**	9.60E-04	1.0E-04		9.6E-03			
COPPER	7440508	100.0%	3.20E-01						
IRON	7439896	100.0%	6.48E-01						
LEAD	7439921	53.8%	1.09E-02		1.2E-02			1.3E-07	
MAGNESIUM	7439954	92.3%	7.89E-01						
MANGANESE	7439965	100.0%	2.09E-02	5.0E-05		4.2E-01	X		
MOLYBDENUM	7439987	23.1%	1.33E-03	1.8E-02		7.6E-05			
NICKEL	7440020	100.0%	5.02E-03	2.0E-04	4.8E-01	2.5E-02		2.4E-06	X
POTASSIUM	7440097	11.5%	2.70E-01						
SELENIUM	7782492	38.5%	4.46E-03	2.0E-02		2.2E-04			
SILVER	7440224	**3.8%**	2.10E-04	1.8E-02		1.2E-05			
SODIUM	7440235	96.2%	1.30E+00						
STRONTIUM	7440246	96.2%	7.65E-03	2.1E+00		3.6E-06			
THALLIUM	7440280	23.1%	6.60E-05						
TIN	7440315	11.5%	3.96E-03	2.1E+00		1.9E-06			
TITANIUM	7440326	96.2%	1.28E-02						
VANADIUM	7440622	57.7%	2.22E-03	2.5E-02		9.0E-05			
ZINC	7440666	96.2%	7.38E-02	1.1E+00		7.0E-05			
				Cumulative Risk:		**6.1E+00**		**4.7E-04**	
				Cumulative Risk minus <10% Frequency of Detection:		**6.0E+00**		**4.6E-04**	

Table D5. Median Chronic Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	10.7%	0.3375	2.0E-02		1.7E-02			
FORMALDEHYDE	50000	100.0%	1.1	9.8E-03	1.3E-02	1.1E-01	X	1.4E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	46.7%	0.01625	6.0E-01		2.7E-05			
1,1-BIPHENYL	92524	76.7%	0.0077	1.8E-01		4.4E-05			
2-METHYLNAPHTHALENE	91576	100.0%	0.0425						
2-METHYLPHENOL	95487	30.0%	0.017	6.0E-01		2.8E-05			
2-NITROPHENOL	88755	20.0%	0.018						
4-CHLOROANILINE	106478	10.0%	0.018	1.4E-02		1.3E-03			
4-NITROPHENOL	106445	**6.7%**	0.03575	6.0E-01		6.0E-05			
ACENAPHTHENE	83329	50.0%	0.016	2.1E-01		7.6E-05			
ACENAPHTHYLENE	208968	10.0%	0.018						
ACETOPHENONE	98862	20.0%	0.019	3.5E-01		5.4E-05			
ANTHRACENE	120127	13.3%	0.018	1.1E+00		1.7E-05			
BENZALDEHYDE	100527	**3.3%**	0.018	3.5E-01		5.1E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	46.7%	0.0205	7.0E-02	2.4E-03	2.9E-04		4.9E-08	
DIBENZOFURAN	132649	63.3%	0.011						
DIETHYL PHTHALATE	84662	**3.3%**	0.018	2.8E+00		6.4E-06			
DI-N-BUTYLPHTHALATE	84742	**6.7%**	0.018	3.5E-01		5.1E-05			
FLUORANTHENE	206440	46.7%	0.01675	1.4E-01		1.2E-04			
FLUORENE	86737	63.3%	0.0105	1.4E-01		7.5E-05			
NAPHTHALENE	91203	96.7%	0.079	3.0E-03		2.6E-02			
NITROBENZENE	98953	10.0%	0.018	1.8E-03		1.0E-02			
PENTACHLOROPHENOL	87865	30.0%	0.03525	1.1E-01	5.1E-03	3.4E-04		1.8E-07	
PHENANTHRENE	85018	96.7%	0.0135						
PHENOL	108952	56.7%	0.0225	2.0E-01		1.1E-04			
PYRENE	129000	40.0%	0.0175	1.1E-01		1.7E-04			
(M- AND/OR P-)XYLENE	108383	80.6%	1.4	1.0E-01		1.4E-02			
1,1,1-TRICHLOROETHANE	71556	45.2%	0.6						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.64	1.1E+02		6.1E-06			
1,2,4-TRIMETHYLBENZENE	95636	67.7%	0.75						
1,3,5-TRIMETHYLBENZENE	108678	19.4%	0.6						
1,3-BUTADIENE	106990	61.3%	0.99	2.0E-03	3.0E-02	5.0E-01	X	3.0E-05	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	3.95						
ACETONE	67641	67.9%	13.5	3.1E+01		4.4E-04			
BENZENE	71432	90.3%	1.3	6.0E-02	7.8E-03	2.2E-02		1.0E-05	X
CARBON DISULFIDE	75150	**9.7%**	3	7.0E-01		4.3E-03			
CARBON TETRACHLORIDE	56235	90.3%	0.69	4.0E-02	1.5E-02	1.7E-02		1.0E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	12.8	5.0E+01		2.6E-04			
CHLOROFORM	67663	67.7%	0.75	9.8E-02	2.3E-02	7.7E-03		1.7E-05	X
CHLOROMETHANE	74873	93.5%	1.2	9.0E-02		1.3E-02			
CYCLOHEXANE	110827	10.7%	1.455						
DICHLORODIFLUOROMETHANE	75718	96.7%	3	7.0E-01		4.3E-03			
ETHYL ACRYLATE	140885	20.7%	0.85		1.4E-02			1.2E-05	X
ETHYL BENZENE	100414	74.2%	0.53	1.0E+00		5.3E-04			

Table D5. Median Chronic Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HEXANE	110543	96.4%	1.35	2.0E-01		6.8E-03			
METHYL ACETATE	79209	35.7%	0.385	3.5E+00		1.1E-04			
METHYL ETHYL KETONE	78933	82.1%	2.25	1.0E+00		2.3E-03			
METHYL METHACRYLATE	80626	64.3%	1.55	7.0E-01		2.2E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	1.25	3.0E+00		4.2E-04			
METHYLCYCLOHEXANE	108872	14.3%	0.525	3.0E+00		1.8E-04			
METHYLENE CHLORIDE	75092	51.6%	0.435	1.0E+00	4.7E-04	4.4E-04		2.0E-07	
N-PROPYLBENZENE	103651	25.8%	0.6						
O-XYLENE	95476	77.4%	0.71	1.0E-01		7.1E-03			
SEC-BUTYLBENZENE	135988	**6.5%**	0.85						
STYRENE	100425	38.7%	2.15	1.0E+00		2.2E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	35.5%	0.8	2.7E-01	5.9E-03	3.0E-03		4.7E-06	X
TOLUENE	108883	100.0%	12	4.0E-01		3.0E-02			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	1.6	1.1E+00		1.5E-03			
VINYL CHLORIDE	75014	**9.7%**	0.425	1.0E-01	8.8E-03	4.3E-03		3.7E-06	X
ALUMINUM	7429905	100.0%	1.09						
ANTIMONY	7440360	46.2%	0.00285	1.4E-03		2.0E-03			
ARSENIC	7440382	100.0%	0.0015	3.0E-05	4.3E+00	5.0E-02		6.5E-06	X
BARIUM	7440393	100.0%	0.011	2.5E-01		4.5E-05			
BERYLLIUM	7440417	53.8%	0.000046	2.0E-05	2.4E+00	2.3E-03		1.1E-07	
CADMIUM	7440439	53.8%	0.000435	2.0E-05	1.8E+00	2.2E-02		7.8E-07	
CALCIUM	7440702	100.0%	5.1						
CHROMIUM	18540299	100.0%	0.00345	1.0E-04	1.2E+01	3.5E-02		4.1E-05	X
COBALT	7440484	**3.8%**	0.000725	1.0E-04		7.3E-03			
COPPER	7440508	100.0%	0.235						
IRON	7439896	100.0%	0.485						
LEAD	7439921	53.8%	0.006		1.2E-02			7.2E-08	
MAGNESIUM	7439954	92.3%	0.62						
MANGANESE	7439965	100.0%	0.0155	5.0E-05		3.1E-01	X		
MOLYBDENUM	7439987	23.1%	0.00075	1.8E-02		4.3E-05			
NICKEL	7440020	100.0%	0.0046	2.0E-04	4.8E-01	2.3E-02		2.2E-06	X
POTASSIUM	7440097	11.5%	0.29						
SELENIUM	7782492	38.5%	0.0029	2.0E-02		1.5E-04			
SILVER	7440224	**3.8%**	0.00075	1.8E-02		4.3E-05			
SODIUM	7440235	96.2%	0.86						
STRONTIUM	7440246	96.2%	0.0054	2.1E+00		2.6E-06			
THALLIUM	7440280	23.1%	0.0000465						
TIN	7440315	11.5%	0.0029	2.1E+00		1.4E-06			
TITANIUM	7440326	96.2%	0.0086						
VANADIUM	7440622	57.7%	0.0016	2.5E-02		6.5E-05			
ZINC	7440666	96.2%	0.062	1.1E+00		5.9E-05			
					Cumulative Risk:	**1.3E+00**		**1.5E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.2E+00**		**1.5E-04**	

Table D6. Acute Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HCL (CALCULATED FROM CL)	7647010	10.7%	0.82	8.8E-02	9.4E-03	
FORMALDEHYDE	50000	100.0%	3.8	4.9E-02	7.8E-02	
(3-AND/OR 4-)METHYLPHENOL	108394	46.7%	0.024			
1,1-BIPHENYL	92524	76.7%	0.012			
2-METHYLNAPHTHALENE	91576	100.0%	0.07			
2-METHYLPHENOL	95487	30.0%	0.012			
2-NITROPHENOL	88755	20.0%	0.076			
4-CHLOROANILINE	106478	10.0%	0.0097			
4-NITROPHENOL	106445	**6.7%**	0.018			
ACENAPHTHENE	83329	50.0%	0.024			
ACENAPHTHYLENE	208968	10.0%	0.0081			
ACETOPHENONE	98862	20.0%	0.35			
ANTHRACENE	120127	13.3%	0.0095			
BENZALDEHYDE	100527	**3.3%**	0.22			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	46.7%	0.28			
DIBENZOFURAN	132649	63.3%	0.024			
DIETHYL PHTHALATE	84662	**3.3%**	0.045			
DI-N-BUTYLPHTHALATE	84742	**6.7%**	0.081			
FLUORANTHENE	206440	46.7%	0.035			
FLUORENE	86737	63.3%	0.028			
NAPHTHALENE	91203	96.7%	0.15			
NITROBENZENE	98953	10.0%	0.033			
PENTACHLOROPHENOL	87865	30.0%	0.049			
PHENANTHRENE	85018	96.7%	0.11			
PHENOL	108952	56.7%	0.14	2.4E-01	5.8E-04	
PYRENE	129000	40.0%	0.026			
(M- AND/OR P-)XYLENE	108383	80.6%	2.8	4.3E+00	6.5E-04	
1,1,1-TRICHLOROETHANE	71556	45.2%	0.43	1.1E+01	3.9E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	1.8			
1,2,4-TRIMETHYLBENZENE	95636	67.7%	2.8			
1,3,5-TRIMETHYLBENZENE	108678	19.4%	0.92			
1,3-BUTADIENE	106990	61.3%	51	9.2E-01	5.6E-02	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	60.7%	170			
ACETONE	67641	67.9%	22	6.2E+01	3.5E-04	
BENZENE	71432	90.3%	3	1.6E-01	1.9E-02	
CARBON DISULFIDE	75150	**9.7%**	6.7	1.6E+00	4.3E-03	
CARBON TETRACHLORIDE	56235	90.3%	1.2	1.3E+00	9.2E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	1000			
CHLOROFORM	67663	67.7%	3.2	4.9E-01	6.5E-03	
CHLOROMETHANE	74873	93.5%	4.4	1.0E+00	4.4E-03	
CYCLOHEXANE	110827	10.7%	0.76			
DICHLORODIFLUOROMETHANE	75718	96.7%	23			
ETHYL ACRYLATE	140885	20.7%	0.86	5.1E+00	1.7E-04	
ETHYL BENZENE	100414	74.2%	0.82			

Table D6. Acute Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HEXANE	110543	96.4%	6.6			
METHYL ACETATE	79209	35.7%	0.92			
METHYL ETHYL KETONE	78933	82.1%	7.5	5.4E-01	1.4E-02	
METHYL METHACRYLATE	80626	64.3%	20			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	15	7.2E+00	2.1E-03	
METHYLCYCLOHEXANE	108872	14.3%	0.5			
METHYLENE CHLORIDE	75092	51.6%	1.1	2.1E+00	5.2E-04	
N-PROPYLBENZENE	103651	25.8%	0.62			
O-XYLENE	95476	77.4%	1.3	4.3E+00	3.0E-04	
SEC-BUTYLBENZENE	135988	**6.5%**	3.5			
STYRENE	100425	38.7%	1.1	8.8E-01	1.3E-03	
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	35.5%	1.1	1.4E+00	7.9E-04	
TOLUENE	108883	100.0%	140	3.8E+00	3.7E-02	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	2.9			
VINYL CHLORIDE	75014	**9.7%**	0.65	1.3E+00	5.0E-04	
ALUMINUM	7429905	100.0%	22			
ANTIMONY	7440360	46.2%	0.0023			
ARSENIC	7440382	100.0%	0.0097	3.2E-05	3.1E-01	
BARIUM	7440393	100.0%	0.024			
BERYLLIUM	7440417	53.8%	0.000094	1.0E-03	9.0E-05	
CADMIUM	7440439	53.8%	0.00095			
CALCIUM	7440702	100.0%	15			
CHROMIUM	18540299	100.0%	0.024			
COBALT	7440484	**3.8%**	0.0013			
COPPER	7440508	100.0%	0.64	4.2E-03	1.5E-01	
IRON	7439896	100.0%	1.3			
LEAD	7439921	53.8%	0.025			
MAGNESIUM	7439954	92.3%	1.8			
MANGANESE	7439965	100.0%	0.04			
MOLYBDENUM	7439987	23.1%	0.0035			
NICKEL	7440020	100.0%	0.0079	2.5E-04	3.2E-02	
POTASSIUM	7440097	11.5%	0.27			
SELENIUM	7782492	38.5%	0.0078			
SILVER	7440224	**3.8%**	0.00021			
SODIUM	7440235	96.2%	6.7			
STRONTIUM	7440246	96.2%	0.015			
THALLIUM	7440280	23.1%	0.000066			
TIN	7440315	11.5%	0.0075			
TITANIUM	7440326	96.2%	0.02			
VANADIUM	7440622	57.7%	0.0062	2.0E-04	3.1E-02	
ZINC	7440666	96.2%	0.12			
4,4'-DDE (P,P'-DDE)	72559	100.0%	0.0000094			
4,4'-DDT (P,P'-DDT)	50293	100.0%	0.00013			
ALPHA-CHLORDANE /2	5103719	100.0%	0.00022			

Table D6. Acute Risk Summary
WLATS Site Number 2a - Ralph Avenue Campground Road (EPA Site ID 2)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
ALPHA-CHLORDENE /2	NA	100.0%	0.000033			
BETA-CHLORDENE /2	NA	100.0%	0.000058			
CHLORDENE /2	3734483	100.0%	0.000085			
DIELDRIN	60571	100.0%	0.000044			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00015			
GAMMA-BHC (LINDANE)	58899	100.0%	0.000071			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00021			
HEPTACHLOR	76448	100.0%	0.00012			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.000053			
PCB Congener #101	1336363	100.0%	0.000036			

Table D7. RME Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**4.3%**	5.80E-01	2.0E-02		2.9E-02			
FORMALDEHYDE	50000	100.0%	2.15E+00	9.8E-03	1.3E-02	2.2E-01	X	2.8E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	32.0%	1.98E-02	6.0E-01		3.3E-05			
1,1-BIPHENYL	92524	84.0%	1.11E-02	1.8E-01		6.3E-05			
2-METHYLNAPHTHALENE	91576	100.0%	5.26E-02						
2-METHYLPHENOL	95487	36.0%	1.20E-02	6.0E-01		2.0E-05			
2-NITROPHENOL	88755	24.0%	2.18E-02						
4-CHLOROANILINE	106478	**8.0%**	1.00E-02	1.4E-02		7.1E-04			
4-NITROPHENOL	106445	16.0%	3.74E-02	6.0E-01		6.2E-05			
ACENAPHTHENE	83329	52.0%	1.67E-02	2.1E-01		8.0E-05			
ACENAPHTHYLENE	208968	**8.0%**	9.60E-03						
ACETOPHENONE	98862	28.0%	7.05E-02	3.5E-01		2.0E-04			
ANTHRACENE	120127	**8.0%**	1.50E-02	1.1E+00		1.4E-05			
BENZALDEHYDE	100527	**8.0%**	3.29E-02	3.5E-01		9.4E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	**4.0%**	1.95E-02	7.0E-02	2.4E-03	2.8E-04		4.7E-08	
CARBAZOLE	86748	**4.0%**	9.80E-03		5.7E-03			5.6E-08	
DIBENZOFURAN	132649	72.0%	1.49E-02						
FLUORANTHENE	206440	36.0%	1.83E-02	1.4E-01		1.3E-04			
FLUORENE	86737	56.0%	1.59E-02	1.4E-01		1.1E-04			
NAPHTHALENE	91203	100.0%	9.74E-02	3.0E-03		3.2E-02			
PENTACHLOROPHENOL	87865	20.0%	1.30E-02	1.1E-01	5.1E-03	1.2E-04		6.6E-08	
PHENANTHRENE	85018	96.0%	2.82E-02						
PHENOL	108952	56.0%	4.53E-02	2.0E-01		2.3E-04			
PYRENE	129000	28.0%	2.01E-02	1.1E-01		1.9E-04			
(M- AND/OR P-)XYLENE	108383	89.7%	1.83E+00	1.0E-01		1.8E-02			
1,1,1-TRICHLOROETHANE	71556	58.6%	3.60E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	7.46E-01	1.1E+02		7.1E-06			
1,2,4-TRIMETHYLBENZENE	95636	79.3%	1.13E+00						
1,3,5-TRIMETHYLBENZENE	108678	24.1%	7.01E-01						
1,3-BUTADIENE	106990	72.4%	1.65E+01	2.0E-03	3.0E-02	8.3E+00	X	5.0E-04	X
1,4-DICHLOROBENZENE	106467	**3.4%**	2.90E-01	8.0E-01	1.1E-02	3.6E-04		3.2E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	66.7%	6.40E+01						
ACETONE	67641	66.7%	2.91E+01	3.1E+01		9.4E-04			
ACRYLONITRILE	107131	**3.7%**	1.90E+00	2.0E-03	6.8E-02	9.5E-01	X	1.3E-04	X
BENZENE	71432	89.7%	1.48E+00	6.0E-02	7.8E-03	2.5E-02		1.2E-05	X
BROMODICHLOROMETHANE	75274	**3.6%**	5.50E-01	7.0E-02	1.8E-02	7.9E-03		9.7E-06	X
BUTYL ACRYLATE	141322	**3.7%**	7.90E-01						
CARBON DISULFIDE	75150	**6.9%**	2.90E+00	7.0E-01		4.1E-03			
CARBON TETRACHLORIDE	56235	93.1%	7.41E-01	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	6.15E+02	5.0E+01		1.2E-02			
CHLOROETHANE	75003	**3.4%**	4.78E-01	1.0E+01		4.8E-05			
CHLOROFORM	67663	75.9%	1.97E+00	9.8E-02	2.3E-02	2.0E-02		4.5E-05	X
CHLOROMETHANE	74873	93.1%	1.43E+00	9.0E-02		1.6E-02			
CYCLOHEXANE	110827	14.8%	8.90E-01						

Table D7. RME Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
DICHLORODIFLUOROMETHANE	75718	100.0%	6.25E+00	7.0E-01		8.9E-03			
ETHYL ACRYLATE	140885	33.3%	2.44E+00		1.4E-02			3.3E-05	X
ETHYL BENZENE	100414	85.7%	6.44E-01	1.0E+00		6.4E-04			
HEXANE	110543	100.0%	3.74E+00	2.0E-01		1.9E-02			
ISOPROPYLBENZENE	98828	**6.9%**	2.90E-01	4.0E-01		7.3E-04			
METHYL ACETATE	79209	33.3%	6.60E-01	3.5E+00		1.9E-04			
METHYL ETHYL KETONE	78933	81.5%	4.48E+00	1.0E+00		4.5E-03			
METHYL METHACRYLATE	80626	70.4%	1.43E+01	7.0E-01		2.0E-02			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	4.36E+00	3.0E+00		1.5E-03			
METHYLCYCLOHEXANE	108872	18.5%	5.80E-01	3.0E+00		1.9E-04			
METHYLENE CHLORIDE	75092	58.6%	5.89E-01	1.0E+00	4.7E-04	5.9E-04		2.8E-07	
N-PROPYLBENZENE	103651	24.1%	5.60E-01						
O-XYLENE	95476	79.3%	9.31E-01	1.0E-01		9.3E-03			
SEC-BUTYLBENZENE	135988	**6.9%**	1.43E+00						
STYRENE	100425	51.7%	1.80E+00	1.0E+00		1.8E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	41.4%	9.70E-01						
TOLUENE	108883	100.0%	5.32E+01	4.0E-01		1.3E-01	X		
TRANS-1,3-DICHLOROPROPENE	10061026	**3.4%**	3.50E-01	2.0E-02	4.0E-03	1.8E-02		1.4E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	93.1%	1.81E+00	1.1E+00		1.7E-03			
VINYL CHLORIDE	75014	**6.9%**	4.80E-01	1.0E-01	8.8E-03	4.8E-03		4.2E-06	X
ALUMINUM	7429905	100.0%	9.58E+00						
ANTIMONY	7440360	44.0%	2.20E-03	1.4E-03		1.6E-03			
ARSENIC	7440382	100.0%	1.62E-03	3.0E-05	4.3E+00	5.4E-02		7.0E-06	X
BARIUM	7440393	100.0%	1.44E-02	2.5E-01		5.9E-05			
BERYLLIUM	7440417	48.0%	6.59E-05	2.0E-05	2.4E+00	3.3E-03		1.6E-07	
CADMIUM	7440439	60.0%	1.00E-03	2.0E-05	1.8E+00	5.0E-02		1.8E-06	X
CALCIUM	7440702	100.0%	7.90E+00						
CHROMIUM	18540299	100.0%	4.30E-03	1.0E-04	1.2E+01	4.3E-02		5.2E-05	X
COBALT	7440484	**8.0%**	1.09E-03	1.0E-04		1.1E-02			
COPPER	7440508	100.0%	3.74E-01						
IRON	7439896	100.0%	6.29E-01						
LEAD	7439921	56.0%	1.05E-02		1.2E-02			1.3E-07	
MAGNESIUM	7439954	96.0%	7.95E-01						
MANGANESE	7439965	100.0%	2.07E-02	5.0E-05		4.1E-01	X		
MOLYBDENUM	7439987	16.0%	1.35E-03	1.8E-02		7.7E-05			
NICKEL	7440020	100.0%	6.00E-03	2.0E-04	4.8E-01	3.0E-02		2.9E-06	X
POTASSIUM	7440097	12.0%	2.60E-01						
SELENIUM	7782492	32.0%	3.88E-03	2.0E-02		1.9E-04			
SILVER	7440224	**8.0%**	3.10E-04	1.8E-02		1.8E-05			
SODIUM	7440235	96.0%	1.30E+00						
STRONTIUM	7440246	96.0%	0.007	2.1E+00		3.4E-06			
THALLIUM	7440280	24.0%	5.60E-05						
TIN	7440315	16.0%	4.69E-03	2.1E+00		2.2E-06			
TITANIUM	7440326	96.0%	1.32E-02						
VANADIUM	7440622	56.0%	2.40E-03	2.5E-02		9.8E-05			

Table D7. RME Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
ZINC	7440666	96.0%	7.55E-02	1.1E+00		7.2E-05			
					Cumulative Risk:	**1.0E+01**		**8.4E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**9.4E+00**		**6.9E-04**	

Table D8. Median Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**4.3%**	0.34	2.0E-02		1.7E-02			
FORMALDEHYDE	50000	100.0%	1.65	9.8E-03	1.3E-02	1.7E-01	X	2.1E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	32.0%	0.0165	6.0E-01		2.8E-05			
1,1-BIPHENYL	92524	84.0%	0.0072	1.8E-01		4.1E-05			
2-METHYLNAPHTHALENE	91576	100.0%	0.047						
2-METHYLPHENOL	95487	36.0%	0.016	6.0E-01		2.7E-05			
2-NITROPHENOL	88755	24.0%	0.016						
4-CHLOROANILINE	106478	**8.0%**	0.0165	1.4E-02		1.2E-03			
4-NITROPHENOL	106445	16.0%	0.033	6.0E-01		5.5E-05			
ACENAPHTHENE	83329	52.0%	0.0145	2.1E-01		6.9E-05			
ACENAPHTHYLENE	208968	**8.0%**	0.0165						
ACETOPHENONE	98862	28.0%	0.017	3.5E-01		4.9E-05			
ANTHRACENE	120127	**8.0%**	0.0165	1.1E+00		1.6E-05			
BENZALDEHYDE	100527	**8.0%**	0.0165	3.5E-01		4.7E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	**4.0%**	0.0165	7.0E-02	2.4E-03	2.4E-04		4.0E-08	
CARBAZOLE	86748	**4.0%**	0.0165		5.7E-03			9.4E-08	
DIBENZOFURAN	132649	72.0%	0.0082						
FLUORANTHENE	206440	36.0%	0.016	1.4E-01		1.1E-04			
FLUORENE	86737	56.0%	0.012	1.4E-01		8.6E-05			
NAPHTHALENE	91203	100.0%	0.089	3.0E-03		3.0E-02			
PENTACHLOROPHENOL	87865	20.0%	0.033	1.1E-01	5.1E-03	3.1E-04		1.7E-07	
PHENANTHRENE	85018	96.0%	0.013						
PHENOL	108952	56.0%	0.025	2.0E-01		1.3E-04			
PYRENE	129000	28.0%	0.0165	1.1E-01		1.6E-04			
(M- AND/OR P-)XYLENE	108383	89.7%	1.5	1.0E-01		1.5E-02			
1,1,1-TRICHLOROETHANE	71556	58.6%	0.32						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.63	1.1E+02		6.0E-06			
1,2,4-TRIMETHYLBENZENE	95636	79.3%	0.81						
1,3,5-TRIMETHYLBENZENE	108678	24.1%	0.55						
1,3-BUTADIENE	106990	72.4%	1.9	2.0E-03	3.0E-02	9.5E-01	X	5.7E-05	X
1,4-DICHLOROBENZENE	106467	**3.4%**	0.7	8.0E-01	1.1E-02	8.8E-04		7.7E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	66.7%	5.1						
ACETONE	67641	66.7%	13	3.1E+01		4.2E-04			
ACRYLONITRILE	107131	**3.7%**	1.9	2.0E-03	6.8E-02	9.5E-01	X	1.3E-04	X
BENZENE	71432	89.7%	1.2	6.0E-02	7.8E-03	2.0E-02		9.4E-06	X
BROMODICHLOROMETHANE	75274	**3.6%**	0.8	7.0E-02	1.8E-02	1.1E-02		1.4E-05	X
BUTYL ACRYLATE	141322	**3.7%**	2.85						
CARBON DISULFIDE	75150	**6.9%**	3.1	7.0E-01		4.4E-03			
CARBON TETRACHLORIDE	56235	93.1%	0.63	4.0E-02	1.5E-02	1.6E-02		9.5E-06	X
CHLORODIFLUOROMETHANE	75456	100.0%	5.6	5.0E+01		1.1E-04			
CHLOROETHANE	75003	**3.4%**	0.38	1.0E+01		3.8E-05			
CHLOROFORM	67663	75.9%	0.7	9.8E-02	2.3E-02	7.1E-03		1.6E-05	X
CHLOROMETHANE	74873	93.1%	1.2	9.0E-02		1.3E-02			
CYCLOHEXANE	110827	14.8%	0.89						

Table D8. Median Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
DICHLORODIFLUOROMETHANE	75718	100.0%	3.6	7.0E-01		5.1E-03			
ETHYL ACRYLATE	140885	33.3%	0.98		1.4E-02			1.3E-05	X
ETHYL BENZENE	100414	85.7%	0.49	1.0E+00		4.9E-04			
HEXANE	110543	100.0%	1.7	2.0E-01		8.5E-03			
ISOPROPYLBENZENE	98828	**6.9%**	0.55	4.0E-01		1.4E-03			
METHYL ACETATE	79209	33.3%	0.345	3.5E+00		9.9E-05			
METHYL ETHYL KETONE	78933	81.5%	2.2	1.0E+00		2.2E-03			
METHYL METHACRYLATE	80626	70.4%	2.8	7.0E-01		4.0E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	1.3	3.0E+00		4.3E-04			
METHYLCYCLOHEXANE	108872	18.5%	0.5	3.0E+00		1.7E-04			
METHYLENE CHLORIDE	75092	58.6%	0.4	1.0E+00	4.7E-04	4.0E-04		1.9E-07	
N-PROPYLBENZENE	103651	24.1%	0.55						
O-XYLENE	95476	79.3%	0.72	1.0E-01		7.2E-03			
SEC-BUTYLBENZENE	135988	**6.9%**	0.8						
STYRENE	100425	51.7%	1	1.0E+00		1.0E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	41.4%	0.75						
TOLUENE	108883	100.0%	15	4.0E-01		3.8E-02			
TRANS-1,3-DICHLOROPROPENE	10061026	**3.4%**	0.55	2.0E-02	4.0E-03	2.8E-02		2.2E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	93.1%	1.5	1.1E+00		1.4E-03			
VINYL CHLORIDE	75014	**6.9%**	0.4	1.0E-01	8.8E-03	4.0E-03		3.5E-06	X
ALUMINUM	7429905	100.0%	0.83						
ANTIMONY	7440360	44.0%	0.00285	1.4E-03		2.0E-03			
ARSENIC	7440382	100.0%	0.0013	3.0E-05	4.3E+00	4.3E-02		5.6E-06	X
BARIUM	7440393	100.0%	0.012	2.5E-01		4.9E-05			
BERYLLIUM	7440417	48.0%	0.000041	2.0E-05	2.4E+00	2.1E-03		9.8E-08	
CADMIUM	7440439	60.0%	0.00062	2.0E-05	1.8E+00	3.1E-02		1.1E-06	X
CALCIUM	7440702	100.0%	5.3						
CHROMIUM	18540299	100.0%	0.0039	1.0E-04	1.2E+01	3.9E-02		4.7E-05	X
COBALT	7440484	**8.0%**	0.0007	1.0E-04		7.0E-03			
COPPER	7440508	100.0%	0.29						
IRON	7439896	100.0%	0.55						
LEAD	7439921	56.0%	0.0072		1.2E-02			8.6E-08	
MAGNESIUM	7439954	96.0%	0.61						
MANGANESE	7439965	100.0%	0.015	5.0E-05		3.0E-01	X		
MOLYBDENUM	7439987	16.0%	0.00075	1.8E-02		4.3E-05			
NICKEL	7440020	100.0%	0.0053	2.0E-04	4.8E-01	2.7E-02		2.5E-06	X
POTASSIUM	7440097	12.0%	0.285						
SELENIUM	7782492	32.0%	0.0029	2.0E-02		1.5E-04			
SILVER	7440224	**8.0%**	0.00075	1.8E-02		4.3E-05			
SODIUM	7440235	96.0%	0.94						
STRONTIUM	7440246	96.0%	0.005	2.1E+00		2.5E-06			
THALLIUM	7440280	24.0%	0.000042						
TIN	7440315	16.0%	0.00295	2.1E+00		1.4E-06			
TITANIUM	7440326	96.0%	0.0085						
VANADIUM	7440622	56.0%	0.0017	2.5E-02		6.9E-05			
ZINC	7440666	96.0%	0.065	1.1E+00		6.2E-05			

Table D8. Median Chronic Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
					Cumulative Risk:	**2.8E+00**		**3.4E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.7E+00**		**1.8E-04**	

Table D9. Acute Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HCL (CALCULATED FROM CL)	7647010	**4.3%**	0.79	8.8E-02	9.0E-03	
FORMALDEHYDE	50000	100.0%	3.6	4.9E-02	7.3E-02	
(3-AND/OR 4-)METHYLPHENOL	108394	32.0%	0.026			
1,1-BIPHENYL	92524	84.0%	0.016			
2-METHYLNAPHTHALENE	91576	100.0%	0.085			
2-METHYLPHENOL	95487	36.0%	0.012			
2-NITROPHENOL	88755	24.0%	0.065			
4-CHLOROANILINE	106478	**8.0%**	0.01			
4-NITROPHENOL	106445	16.0%	0.04			
ACENAPHTHENE	83329	52.0%	0.027			
ACENAPHTHYLENE	208968	**8.0%**	0.0096			
ACETOPHENONE	98862	28.0%	0.3			
ANTHRACENE	120127	**8.0%**	0.015			
BENZALDEHYDE	100527	**8.0%**	0.42			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	**4.0%**	0.032			
CARBAZOLE	86748	**4.0%**	0.0098			
DIBENZOFURAN	132649	72.0%	0.027			
FLUORANTHENE	206440	36.0%	0.04			
FLUORENE	86737	56.0%	0.031			
NAPHTHALENE	91203	100.0%	0.16			
PENTACHLOROPHENOL	87865	20.0%	0.013			
PHENANTHRENE	85018	96.0%	0.14			
PHENOL	108952	56.0%	0.11	2.4E-01	4.6E-04	
PYRENE	129000	28.0%	0.026			
(M- AND/OR P-)XYLENE	108383	89.7%	3.9	4.3E+00	9.1E-04	
1,1,1-TRICHLOROETHANE	71556	58.6%	0.36	1.1E+01	3.3E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	1.8			
1,2,4-TRIMETHYLBENZENE	95636	79.3%	2.4			
1,3,5-TRIMETHYLBENZENE	108678	24.1%	0.83			
1,3-BUTADIENE	106990	72.4%	57	9.2E-01	6.2E-02	
1,4-DICHLOROBENZENE	106467	**3.4%**	0.29	4.8E+00	6.0E-05	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	66.7%	64			
ACETONE	67641	66.7%	250	6.2E+01	4.0E-03	
ACRYLONITRILE	107131	**3.7%**	1.9	2.2E-01	8.6E-03	
BENZENE	71432	89.7%	2.6	1.6E-01	1.6E-02	
BROMODICHLOROMETHANE	75274	**3.6%**	0.55			
BUTYL ACRYLATE	141322	**3.7%**	0.79	5.2E+00	1.5E-04	
CARBON DISULFIDE	75150	**6.9%**	2.9	1.6E+00	1.9E-03	
CARBON TETRACHLORIDE	56235	93.1%	0.9	1.3E+00	6.9E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	1000			
CHLOROETHANE	75003	**3.4%**	0.5	4.0E+01	1.3E-05	
CHLOROFORM	67663	75.9%	28	4.9E-01	5.7E-02	
CHLOROMETHANE	74873	93.1%	2.3	1.0E+00	2.3E-03	
CYCLOHEXANE	110827	14.8%	0.89			

Table D9. Acute Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
DICHLORODIFLUOROMETHANE	75718	100.0%	21			
ETHYL ACRYLATE	140885	33.3%	3.8	5.1E+00	7.4E-04	
ETHYL BENZENE	100414	85.7%	1.3			
HEXANE	110543	100.0%	14			
ISOPROPYLBENZENE	98828	**6.9%**	0.29			
METHYL ACETATE	79209	33.3%	2.2			
METHYL ETHYL KETONE	78933	81.5%	19	5.4E-01	3.5E-02	
METHYL METHACRYLATE	80626	70.4%	24			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	16	7.2E+00	2.2E-03	
METHYLCYCLOHEXANE	108872	18.5%	0.58			
METHYLENE CHLORIDE	75092	58.6%	1.5	2.1E+00	7.1E-04	
N-PROPYLBENZENE	103651	24.1%	0.56			
O-XYLENE	95476	79.3%	1.4	4.3E+00	3.3E-04	
SEC-BUTYLBENZENE	135988	**6.9%**	3.6			
STYRENE	100425	51.7%	1.8	8.8E-01	2.1E-03	
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	41.4%	0.97	1.4E+00	6.9E-04	
TOLUENE	108883	100.0%	120	3.8E+00	3.2E-02	
TRANS-1,3-DICHLOROPROPENE	10061026	**3.4%**	0.35			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	93.1%	2.7			
VINYL CHLORIDE	75014	**6.9%**	0.48	1.3E+00	3.7E-04	
ALUMINUM	7429905	100.0%	24			
ANTIMONY	7440360	44.0%	0.0022			
ARSENIC	7440382	100.0%	0.0034	3.2E-05	1.1E-01	
BARIUM	7440393	100.0%	0.023			
BERYLLIUM	7440417	48.0%	0.0001	1.0E-03	9.6E-05	
CADMIUM	7440439	60.0%	0.0034			
CALCIUM	7440702	100.0%	15			
CHROMIUM	18540299	100.0%	0.0065			
COBALT	7440484	**8.0%**	0.0017			
COPPER	7440508	100.0%	0.71	4.2E-03	1.7E-01	
IRON	7439896	100.0%	1.1			
LEAD	7439921	56.0%	0.022			
MAGNESIUM	7439954	96.0%	1.7			
MANGANESE	7439965	100.0%	0.04			
MOLYBDENUM	7439987	16.0%	0.0035			
NICKEL	7440020	100.0%	0.011	2.5E-04	4.4E-02	
POTASSIUM	7440097	12.0%	0.26			
SELENIUM	7782492	32.0%	0.0071			
SILVER	7440224	**8.0%**	0.00031			
SODIUM	7440235	96.0%	6.1			
STRONTIUM	7440246	96.0%	0.014			
THALLIUM	7440280	24.0%	0.000056			
TIN	7440315	16.0%	0.01			
TITANIUM	7440326	96.0%	0.018			
VANADIUM	7440622	56.0%	0.0065	2.0E-04	3.3E-02	
ZINC	7440666	96.0%	0.12			

Table D9. Acute Risk Summary
WLATS Site Number 2b - Ralph Avenue Campground Road Duplicate (EPA Site ID 3)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
4,4'-DDE (P,P'-DDE)	72559	100.0%	0.000055			
4,4'-DDT (P,P'-DDT)	50293	100.0%	0.00012			
ALPHA-CHLORDANE /2	5103719	100.0%	0.00036			
ALPHA-CHLORDENE /2	NA	100.0%	0.000054			
BETA-BHC	319857	100.0%	0.000078			
BETA-CHLORDENE /2	NA	100.0%	0.0000093			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00023			
GAMMA-BHC (LINDANE)	58899	100.0%	0.000054			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00031			
HEPTACHLOR	76448	100.0%	0.00023			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.000061			
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	100.0%	0.000022			
PCB Congener #52	1336363	100.0%	0.0001			
PCB Congener #60	1336363	100.0%	0.000032			

Table D10. RME Chronic Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**6.9%**	6.90E-01	2.0E-02		3.4E-02			
FORMALDEHYDE	50000	100.0%	2.68E+00	9.8E-03	1.3E-02	2.7E-01	X	3.5E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	2.17E-02	6.0E-01		3.6E-05			
1,1-BIPHENYL	92524	75.0%	1.35E-02	1.8E-01		7.7E-05			
2-METHYL-4,6-DINITROPHENOL	534521	**3.6%**	2.70E-02						
2-METHYLNAPHTHALENE	91576	96.4%	5.07E-02						
2-METHYLPHENOL	95487	21.4%	2.00E-02	6.0E-01		3.3E-05			
2-NITROPHENOL	88755	21.4%	2.42E-02						
4-CHLOROANILINE	106478	**3.6%**	3.60E-03	1.4E-02		2.6E-04			
4-NITROPHENOL	106445	17.9%	3.50E-02	6.0E-01		5.8E-05			
ACENAPHTHENE	83329	39.3%	1.80E-02	2.1E-01		8.6E-05			
ACENAPHTHYLENE	208968	**3.6%**	6.70E-03						
ACETOPHENONE	98862	17.9%	2.77E-02	3.5E-01		7.9E-05			
BENZALDEHYDE	100527	**7.1%**	3.64E-02	3.5E-01		1.0E-04			
BENZO(B)FLUORANTHENE	205992	**3.6%**	4.80E-03		1.1E-01			5.3E-07	
BIS(2-ETHYLHEXYL) PHTHALATE	117817	21.4%	3.82E-02	7.0E-02	2.4E-03	5.5E-04		9.2E-08	
DIBENZOFURAN	132649	75.0%	1.45E-02						
DI-N-BUTYLPHTHALATE	84742	**3.6%**	2.08E-02	3.5E-01		5.9E-05			
FLUORANTHENE	206440	25.0%	9.00E-03	1.4E-01		6.4E-05			
FLUORENE	86737	53.6%	1.60E-02	1.4E-01		1.1E-04			
HEXACHLOROBUTADIENE	87683	**3.6%**	6.50E-03	7.0E-04	2.2E-02	9.3E-03		1.4E-07	
ISOPHORONE	78591	**7.1%**	4.90E-03	2.0E+00	2.7E-04	2.5E-06		1.3E-09	
NAPHTHALENE	91203	96.4%	8.63E-02	3.0E-03		2.9E-02			
NITROBENZENE	98953	**3.6%**	1.40E-02	1.8E-03		8.0E-03			
PENTACHLOROPHENOL	87865	**3.6%**	2.20E-02	1.1E-01	5.1E-03	2.1E-04		1.1E-07	
PHENANTHRENE	85018	92.9%	1.55E-02						
PHENOL	108952	67.9%	6.05E-02	2.0E-01		3.0E-04			
PYRENE	129000	28.6%	6.90E-03	1.1E-01		6.6E-05			
(M- AND/OR P-)XYLENE	108383	86.7%	2.04E+00	1.0E-01		2.0E-02			
1,1,1-TRICHLOROETHANE	71556	50.0%	2.17E-02						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	6.86E-01	1.1E+02		6.5E-06			
1,1,2-TRICHLOROETHANE	79005	**3.3%**	3.20E-01	1.4E-02	1.6E-02	2.3E-02		5.1E-06	X
1,2,4-TRIMETHYLBENZENE	95636	66.7%	7.90E-01						
1,3,5-TRIMETHYLBENZENE	108678	10.0%	3.80E-01						
1,3-BUTADIENE	106990	60.0%	6.27E+00	2.0E-03	3.0E-02	3.1E+00	X	1.9E-04	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	51.9%	2.85E+00						
ACETONE	67641	70.4%	1.72E+01	3.1E+01		5.6E-04			
BENZENE	71432	86.7%	1.81E+00	6.0E-02	7.8E-03	3.0E-02		1.4E-05	X
CARBON DISULFIDE	75150	**3.3%**	5.12E+00	7.0E-01		7.3E-03			
CARBON TETRACHLORIDE	56235	90.0%	7.73E-01	4.0E-02	1.5E-02	1.9E-02		1.2E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	2.11E+01	5.0E+01		4.2E-04			
CHLOROFORM	67663	63.3%	3.35E+00	9.8E-02	2.3E-02	3.4E-02		7.7E-05	X
CHLOROMETHANE	74873	90.0%	1.39E+00	9.0E-02		1.5E-02			
CYCLOHEXANE	110827	14.8%	6.00E-01						

Table D10. RME Chronic Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
DICHLORODIFLUOROMETHANE	75718	100.0%	5.53E+00	7.0E-01		7.9E-03			
ETHYL ACRYLATE	140885	11.1%	8.40E-01		1.4E-02			1.2E-05	X
ETHYL BENZENE	100414	73.3%	7.33E-01	1.0E+00		7.3E-04			
HEXANE	110543	96.3%	3.84E+00	2.0E-01		1.9E-02			
METHYL ACETATE	79209	40.7%	7.68E-01	3.5E+00		2.2E-04			
METHYL ETHYL KETONE	78933	81.5%	2.72E+00	1.0E+00		2.7E-03			
METHYL METHACRYLATE	80626	51.9%	2.57E+00	7.0E-01		3.7E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	3.78E+00	3.0E+00		1.3E-03			
METHYLCYCLOHEXANE	108872	40.7%	7.06E-01	3.0E+00		2.4E-04			
METHYLENE CHLORIDE	75092	66.7%	9.39E-01	1.0E+00	4.7E-04	9.4E-04		4.4E-07	
O-XYLENE	95476	76.7%	9.18E-01	1.0E-01		9.2E-03			
SEC-BUTYLBENZENE	135988	**3.3%**	1.33E+00						
STYRENE	100425	20.0%	2.40E+00	1.0E+00		2.4E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	20.0%	5.40E-01	2.7E-01	5.9E-03	2.0E-03		3.2E-06	X
TOLUENE	108883	100.0%	3.35E+01	4.0E-01		8.4E-02			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	2.17E-02	1.1E+00		2.1E-05			
ALUMINUM	7429905	92.9%	2.17E-02						
ANTIMONY	7440360	35.7%	8.60E-03	1.4E-03		6.1E-03			
ARSENIC	7440382	100.0%	2.00E-03	3.0E-05	4.3E+00	6.7E-02		8.6E-06	X
BARIUM	7440393	100.0%	1.35E-02	2.5E-01		5.5E-05			
BERYLLIUM	7440417	42.9%	5.36E-05	2.0E-05	2.4E+00	2.7E-03		1.3E-07	
CADMIUM	7440439	60.7%	1.38E-03	2.0E-05	1.8E+00	6.9E-02		2.5E-06	X
CALCIUM	7440702	100.0%	3.38E+00						
CHROMIUM	18540299	100.0%	3.48E-03	1.0E-04	1.2E+01	3.5E-02		4.2E-05	X
COBALT	7440484	**3.6%**	8.60E-04	1.0E-04		8.6E-03			
COPPER	7440508	100.0%	4.14E-01						
IRON	7439896	96.4%	4.96E-01						
LEAD	7439921	35.7%	8.76E-03		1.2E-02			1.1E-07	
MAGNESIUM	7439954	92.9%	5.67E-01						
MANGANESE	7439965	100.0%	1.64E-02	5.0E-05		3.3E-01	X		
MOLYBDENUM	7439987	14.3%	1.10E-03	1.8E-02		6.3E-05			
NICKEL	7440020	100.0%	4.47E-03	2.0E-04	4.8E-01	2.2E-02		2.1E-06	X
POTASSIUM	7440097	10.7%	1.80E-01						
SELENIUM	7782492	28.6%	4.28E-03	2.0E-02		2.1E-04			
SILVER	7440224	**7.1%**	4.00E-04	1.8E-02		2.3E-05			
SODIUM	7440235	96.4%	1.01E+00						
STRONTIUM	7440246	92.9%	4.54E-03	2.1E+00		2.2E-06			
THALLIUM	7440280	**7.1%**	6.40E-05						
TITANIUM	7440326	92.9%	8.87E-03						
VANADIUM	7440622	21.4%	1.34E-03	2.5E-02		5.5E-05			
ZINC	7440666	92.9%	0.065	1.1E+00		6.2E-05			
					Cumulative Risk:	**4.3E+00**		**4.0E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**4.2E+00**		**4.0E-04**	

Table D11. Median Chronic Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**6.9%**	0.34	2.0E-02		1.7E-02			
FORMALDEHYDE	50000	100.0%	1.3	9.8E-03	1.3E-02	1.3E-01	X	1.7E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	0.0175	6.0E-01		2.9E-05			
1,1-BIPHENYL	92524	75.0%	0.00735	1.8E-01		4.2E-05			
2-METHYL-4,6-DINITROPHENOL	534521	**3.6%**	0.036						
2-METHYLNAPHTHALENE	91576	96.4%	0.0395						
2-METHYLPHENOL	95487	21.4%	0.018	6.0E-01		3.0E-05			
2-NITROPHENOL	88755	21.4%	0.018						
4-CHLOROANILINE	106478	**3.6%**	0.018	1.4E-02		1.3E-03			
4-NITROPHENOL	106445	17.9%	0.03575	6.0E-01		6.0E-05			
ACENAPHTHENE	83329	39.3%	0.0175	2.1E-01		8.3E-05			
ACENAPHTHYLENE	208968	**3.6%**	0.018						
ACETOPHENONE	98862	17.9%	0.018	3.5E-01		5.1E-05			
BENZALDEHYDE	100527	**7.1%**	0.018	3.5E-01		5.1E-05			
BENZO(B)FLUORANTHENE	205992	**3.6%**	0.018		1.1E-01			2.0E-06	X
BIS(2-ETHYLHEXYL) PHTHALATE	117817	21.4%	0.01875	7.0E-02	2.4E-03	2.7E-04		4.5E-08	
DIBENZOFURAN	132649	75.0%	0.0085						
DI-N-BUTYLPHTHALATE	84742	**3.6%**	0.018	3.5E-01		5.1E-05			
FLUORANTHENE	206440	25.0%	0.0175	1.4E-01		1.3E-04			
FLUORENE	86737	53.6%	0.014	1.4E-01		1.0E-04			
HEXACHLOROBUTADIENE	87683	**3.6%**	0.018	7.0E-04	2.2E-02	2.6E-02		4.0E-07	
ISOPHORONE	78591	**7.1%**	0.018	2.0E+00	2.7E-04	9.0E-06		4.9E-09	
NAPHTHALENE	91203	96.4%	0.075	3.0E-03		2.5E-02			
NITROBENZENE	98953	**3.6%**	0.018	1.8E-03		1.0E-02			
PENTACHLOROPHENOL	87865	**3.6%**	0.036	1.1E-01	5.1E-03	3.4E-04		1.8E-07	
PHENANTHRENE	85018	92.9%	0.012						
PHENOL	108952	67.9%	0.022	2.0E-01		1.1E-04			
PYRENE	129000	28.6%	0.0175	1.1E-01		1.7E-04			
(M- AND/OR P-)XYLENE	108383	86.7%	1.7	1.0E-01		1.7E-02			
1,1,1-TRICHLOROETHANE	71556	50.0%	0.485						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.65	1.1E+02		6.2E-06			
1,1,2-TRICHLOROETHANE	79005	**3.3%**	0.8	1.4E-02	1.6E-02	5.7E-02		1.3E-05	X
1,2,4-TRIMETHYLBENZENE	95636	66.7%	0.66						
1,3,5-TRIMETHYLBENZENE	108678	10.0%	0.6						
1,3-BUTADIENE	106990	60.0%	1.075	2.0E-03	3.0E-02	5.4E-01	X	3.2E-05	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	51.9%	0.6						
ACETONE	67641	70.4%	14	3.1E+01		4.5E-04			
BENZENE	71432	86.7%	1.4	6.0E-02	7.8E-03	2.3E-02		1.1E-05	X
CARBON DISULFIDE	75150	**3.3%**	2.35	7.0E-01		3.4E-03			
CARBON TETRACHLORIDE	56235	90.0%	0.675	4.0E-02	1.5E-02	1.7E-02		1.0E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	2	5.0E+01		4.0E-05			
CHLOROFORM	67663	63.3%	1.075	9.8E-02	2.3E-02	1.1E-02		2.5E-05	X
CHLOROMETHANE	74873	90.0%	1.2	9.0E-02		1.3E-02			
CYCLOHEXANE	110827	14.8%	2.15						

Table D11. Median Chronic Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
DICHLORODIFLUOROMETHANE	75718	100.0%	3	7.0E-01		4.3E-03			
ETHYL ACRYLATE	140885	11.1%	2.15		1.4E-02			2.9E-05	X
ETHYL BENZENE	100414	73.3%	0.61	1.0E+00		6.1E-04			
HEXANE	110543	96.3%	2.2	2.0E-01		1.1E-02			
METHYL ACETATE	79209	40.7%	0.36	3.5E+00		1.0E-04			
METHYL ETHYL KETONE	78933	81.5%	2.3	1.0E+00		2.3E-03			
METHYL METHACRYLATE	80626	51.9%	0.61	7.0E-01		8.7E-04			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	2.7	3.0E+00		9.0E-04			
METHYLCYCLOHEXANE	108872	40.7%	0.48	3.0E+00		1.6E-04			
METHYLENE CHLORIDE	75092	66.7%	0.49	1.0E+00	4.7E-04	4.9E-04		2.3E-07	
O-XYLENE	95476	76.7%	0.65	1.0E-01		6.5E-03			
SEC-BUTYLBENZENE	135988	**3.3%**	0.85						
STYRENE	100425	20.0%	2.45	1.0E+00		2.5E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	20.0%	0.825	2.7E-01	5.9E-03	3.1E-03		4.9E-06	X
TOLUENE	108883	100.0%	6.7	4.0E-01		1.7E-02			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	1.55	1.1E+00		1.5E-03			
ALUMINUM	7429905	92.9%	0.24						
ANTIMONY	7440360	35.7%	0.00285	1.4E-03		2.0E-03			
ARSENIC	7440382	100.0%	0.00115	3.0E-05	4.3E+00	3.8E-02		4.9E-06	X
BARIUM	7440393	100.0%	0.00835	2.5E-01		3.4E-05			
BERYLLIUM	7440417	42.9%	0.0000255	2.0E-05	2.4E+00	1.3E-03		6.1E-08	
CADMIUM	7440439	60.7%	0.0007	2.0E-05	1.8E+00	3.5E-02		1.3E-06	X
CALCIUM	7440702	100.0%	2.3						
CHROMIUM	18540299	100.0%	0.0031	1.0E-04	1.2E+01	3.1E-02		3.7E-05	X
COBALT	7440484	**3.6%**	0.0007	1.0E-04		7.0E-03			
COPPER	7440508	100.0%	0.245						
IRON	7439896	96.4%	0.315						
LEAD	7439921	35.7%	0.00545		1.2E-02			6.5E-08	
MAGNESIUM	7439954	92.9%	0.34						
MANGANESE	7439965	100.0%	0.0105	5.0E-05		2.1E-01	X		
MOLYBDENUM	7439987	14.3%	0.0007	1.8E-02		4.0E-05			
NICKEL	7440020	100.0%	0.0036	2.0E-04	4.8E-01	1.8E-02		1.7E-06	X
POTASSIUM	7440097	10.7%	0.285						
SELENIUM	7782492	28.6%	0.0029	2.0E-02		1.5E-04			
SILVER	7440224	**7.1%**	0.0007	1.8E-02		4.0E-05			
SODIUM	7440235	96.4%	0.76						
STRONTIUM	7440246	92.9%	0.0036	2.1E+00		1.7E-06			
THALLIUM	7440280	**7.1%**	0.0000355						
TITANIUM	7440326	92.9%	0.00545						
VANADIUM	7440622	21.4%	0.00075	2.5E-02		3.1E-05			
ZINC	7440666	92.9%	0.054	1.1E+00		5.1E-05			
					Cumulative Risk:	**1.3E+00**		**1.9E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.2E+00**		**1.7E-04**	

Table D12. Acute Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HCL (CALCULATED FROM CL)	7647010	6.9%	2.1	8.8E-02	2.4E-02	
FORMALDEHYDE	50000	100.0%	4.9	4.9E-02	1.0E-01	
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	0.036			
1,1-BIPHENYL	92524	75.0%	0.021			
2-METHYL-4,6-DINITROPHENOL	534521	3.6%	0.027			
2-METHYLNAPHTHALENE	91576	96.4%	0.11			
2-METHYLPHENOL	95487	21.4%	0.02			
2-NITROPHENOL	88755	21.4%	0.1			
4-CHLOROANILINE	106478	3.6%	0.0036			
4-NITROPHENOL	106445	17.9%	0.035			
ACENAPHTHENE	83329	39.3%	0.018			
ACENAPHTHYLENE	208968	3.6%	0.0067			
ACETOPHENONE	98862	17.9%	0.08			
BENZALDEHYDE	100527	7.1%	0.47			
BENZO(B)FLUORANTHENE	205992	3.6%	0.0048			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	21.4%	0.13			
DIBENZOFURAN	132649	75.0%	0.02			
DI-N-BUTYLPHTHALATE	84742	3.6%	0.041			
FLUORANTHENE	206440	25.0%	0.009			
FLUORENE	86737	53.6%	0.016			
HEXACHLOROBUTADIENE	87683	3.6%	0.0065	1.3E+00	4.9E-06	
ISOPHORONE	78591	7.1%	0.0049			
NAPHTHALENE	91203	96.4%	0.15			
NITROBENZENE	98953	3.6%	0.014			
PENTACHLOROPHENOL	87865	3.6%	0.022			
PHENANTHRENE	85018	92.9%	0.029			
PHENOL	108952	67.9%	0.23	2.4E-01	9.5E-04	
PYRENE	129000	28.6%	0.0069			
(M- AND/OR P-)XYLENE	108383	86.7%	3.8	4.3E+00	8.8E-04	
1,1,1-TRICHLOROETHANE	71556	50.0%	0.42	1.1E+01	3.8E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.9			
1,1,2-TRICHLOROETHANE	79005	3.3%	0.32			
1,2,4-TRIMETHYLBENZENE	95636	66.7%	1.3			
1,3,5-TRIMETHYLBENZENE	108678	10.0%	0.38			
1,3-BUTADIENE	106990	60.0%	25	9.2E-01	2.7E-02	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	51.9%	13			
ACETONE	67641	70.4%	30	6.2E+01	4.8E-04	
BENZENE	71432	86.7%	3	1.6E-01	1.9E-02	
CARBON DISULFIDE	75150	3.3%	12	1.6E+00	7.7E-03	
CARBON TETRACHLORIDE	56235	90.0%	0.93	1.3E+00	7.2E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	170			
CHLOROFORM	67663	63.3%	9	4.9E-01	1.8E-02	
CHLOROMETHANE	74873	90.0%	2.4	1.0E+00	2.4E-03	
CYCLOHEXANE	110827	14.8%	0.6			

Table D12. Acute Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
DICHLORODIFLUOROMETHANE	75718	100.0%	20			
ETHYL ACRYLATE	140885	11.1%	0.84	5.1E+00	1.6E-04	
ETHYL BENZENE	100414	73.3%	1			
HEXANE	110543	96.3%	12			
METHYL ACETATE	79209	40.7%	3.4			
METHYL ETHYL KETONE	78933	81.5%	5.3	5.4E-01	9.8E-03	
METHYL METHACRYLATE	80626	51.9%	6.4			
METHYL T-BUTYL ETHER (MTBE)	1634044	100.0%	7.8	7.2E+00	1.1E-03	
METHYLCYCLOHEXANE	108872	40.7%	0.72			
METHYLENE CHLORIDE	75092	66.7%	2.8	2.1E+00	1.3E-03	
O-XYLENE	95476	76.7%	1.4	4.3E+00	3.3E-04	
SEC-BUTYLBENZENE	135988	3.3%	3			
STYRENE	100425	20.0%	2.4	8.8E-01	2.7E-03	
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	20.0%	0.54	1.4E+00	3.9E-04	
TOLUENE	108883	100.0%	140	3.8E+00	3.7E-02	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	3			
ALUMINUM	7429905	92.9%	1.6			
ANTIMONY	7440360	35.7%	0.0086			
ARSENIC	7440382	100.0%	0.011	3.2E-05	3.5E-01	
BARIUM	7440393	100.0%	0.03			
BERYLLIUM	7440417	42.9%	0.000065	1.0E-03	6.2E-05	
CADMIUM	7440439	60.7%	0.0056			
CALCIUM	7440702	100.0%	7.8			
CHROMIUM	18540299	100.0%	0.0055			
COBALT	7440484	3.6%	0.00096			
COPPER	7440508	100.0%	1	4.2E-03	2.4E-01	
IRON	7439896	96.4%	1.5			
LEAD	7439921	35.7%	0.019			
MAGNESIUM	7439954	92.9%	1.6			
MANGANESE	7439965	100.0%	0.056			
MOLYBDENUM	7439987	14.3%	0.0029			
NICKEL	7440020	100.0%	0.0077	2.5E-04	3.1E-02	
POTASSIUM	7440097	10.7%	0.18			
SELENIUM	7782492	28.6%	0.0043			
SILVER	7440224	7.1%	0.0004			
SODIUM	7440235	96.4%	2.5			
STRONTIUM	7440246	92.9%	0.0091			
THALLIUM	7440280	7.1%	0.000064			
TITANIUM	7440326	92.9%	0.018			
VANADIUM	7440622	21.4%	0.0032	2.0E-04	1.6E-02	
ZINC	7440666	92.9%	0.13			
4,4'-DDE (P,P'-DDE)	72559	100.0%	0.00011			
4,4'-DDT (P,P'-DDT)	50293	100.0%	0.00012			
ALPHA-CHLORDANE /2	5103719	100.0%	0.00029			

Table D12. Acute Risk Summary
WLATS Site Number 3 - Old Lake Dreamland Fire Department (EPA Site ID 4)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
ALPHA-CHLORDENE /2	NA	100.0%	0.000028			
BETA-CHLORDENE /2	NA	100.0%	0.000066			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00021			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00025			
HEPTACHLOR	76448	100.0%	0.00015			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.000059			
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	100.0%	0.000013			
PCB Congener #52	1336363	100.0%	0.000046			
PCB Congener #60	1336363	100.0%	0.000024			

Table D13. RME Chronic Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**3.7%**	6.60E-01	2.0E-02		3.3E-02			
FORMALDEHYDE	50000	100.0%	1.80E+00	9.8E-03	1.3E-02	1.8E-01	X	2.3E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	2.23E-02	6.0E-01		3.7E-05			
1,1-BIPHENYL	92524	78.6%	1.30E-02	1.8E-01		7.4E-05			
2,4,6-TRICHLOROPHENOL	88062	**3.6%**	1.50E-02		3.1E-03			4.7E-08	
2-METHYLNAPHTHALENE	91576	100.0%	5.37E-02						
2-METHYLPHENOL	95487	17.9%	9.00E-03	6.0E-01		1.5E-05			
2-NITROPHENOL	88755	25.0%	1.70E-02						
4-NITROPHENOL	106445	14.3%	2.70E-02	6.0E-01		4.5E-05			
ACENAPHTHENE	83329	57.1%	1.88E-02	2.1E-01		8.9E-05			
ACENAPHTHYLENE	208968	10.7%	7.90E-03						
ACETOPHENONE	98862	10.7%	2.79E-02	3.5E-01		8.0E-05			
BENZALDEHYDE	100527	**7.1%**	3.44E-02	3.5E-01		9.8E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	35.7%	5.04E-02	7.0E-02	2.4E-03	7.2E-04		1.2E-07	
DIBENZOFURAN	132649	75.0%	1.64E-02						
FLUORANTHENE	206440	53.6%	2.18E-02	1.4E-01		1.6E-04			
FLUORENE	86737	67.9%	1.72E-02	1.4E-01		1.2E-04			
ISOPHORONE	78591	10.7%	2.41E-02	2.0E+00	2.7E-04	1.2E-05		6.5E-09	
NAPHTHALENE	91203	96.4%	1.25E-01	3.0E-03		4.2E-02			
PENTACHLOROPHENOL	87865	10.7%	3.20E-02	1.1E-01	5.1E-03	3.0E-04		1.6E-07	
PHENANTHRENE	85018	92.9%	3.50E-02						
PHENOL	108952	42.9%	2.70E-02	2.0E-01		1.3E-04			
PYRENE	129000	35.7%	1.30E-02	1.1E-01		1.2E-04			
(M- AND/OR P-)XYLENE	108383	90.0%	3.97E+00	1.0E-01		4.0E-02			
1,1,1-TRICHLOROETHANE	71556	60.0%	4.20E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	96.4%	7.21E-01	1.1E+02		6.9E-06			
1,1,2-TRICHLOROETHANE	79005	**3.3%**	3.40E-01	1.4E-02	1.6E-02	2.4E-02		5.4E-06	X
1,2,4-TRIMETHYLBENZENE	95636	76.7%	1.18E+00						
1,2-DICHLOROETHANE	1070602	**3.3%**	3.10E-01	2.4E+00	2.6E-02	1.3E-04		8.1E-06	X
1,3,5-TRIMETHYLBENZENE	108678	23.3%	6.99E-01						
1,3-BUTADIENE	106990	43.3%	5.68E-01	2.0E-03	3.0E-02	2.8E-01	X	1.7E-05	X
1,4-DICHLOROBENZENE	106467	20.0%	8.04E-01	8.0E-01	1.1E-02	1.0E-03		8.8E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	17.9%	7.22E-01						
ACETONE	67641	64.3%	1.80E+01	3.1E+01		5.8E-04			
BENZENE	71432	90.0%	1.65E+00	6.0E-02	7.8E-03	2.8E-02		1.3E-05	X
BROMOMETHANE	74839	**3.3%**	2.60E-01	5.0E-03		5.2E-02			
CARBON DISULFIDE	75150	**6.7%**	3.80E+00	7.0E-01		5.4E-03			
CARBON TETRACHLORIDE	56235	90.0%	7.49E-01	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	96.4%	5.17E+00	5.0E+01		1.0E-04			
CHLOROFORM	67663	16.7%	8.40E-01	9.8E-02	2.3E-02	8.6E-03		1.9E-05	X
CHLOROMETHANE	74873	90.0%	1.41E+00	9.0E-02		1.6E-02			
CYCLOHEXANE	110827	**7.1%**	7.60E-01						
DICHLORODIFLUOROMETHANE	75718	96.6%	5.17E+00	7.0E-01		7.4E-03			
ETHYL BENZENE	100414	66.7%	1.01E+00	1.0E+00		1.0E-03			
HEXANE	110543	89.3%	4.39E+00	2.0E-01		2.2E-02			

Table D13. RME Chronic Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
METHYL ACETATE	79209	21.4%	4.26E-01	3.5E+00		1.2E-04			
METHYL ETHYL KETONE	78933	92.9%	3.70E+00	1.0E+00		3.7E-03			
METHYL ISOBUTYL KETONE	108101	**7.1%**	9.50E-01	2.8E-01		3.4E-03			
METHYL METHACRYLATE	80626	**7.1%**	8.50E-01	7.0E-01		1.2E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	96.4%	3.02E+00	3.0E+00		1.0E-03			
METHYLCYCLOHEXANE	108872	32.1%	7.61E-01	3.0E+00		2.5E-04			
METHYLENE CHLORIDE	75092	60.0%	7.06E-01	1.0E+00	4.7E-04	7.1E-04		3.3E-07	
N-PROPYLBENZENE	103651	16.7%	6.00E-01						
O-XYLENE	95476	66.7%	1.31E+00	1.0E-01		1.3E-02			
SEC-BUTYLBENZENE	135988	**6.7%**	1.36E+00						
STYRENE	100425	20.0%	1.10E+00	1.0E+00		1.1E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	40.0%	8.24E-01	2.7E-01	5.9E-03	3.1E-03		4.9E-06	X
TOLUENE	108883	96.7%	6.31E+00	4.0E-01		1.6E-02			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**3.3%**	8.30E-01	6.0E-01	2.0E-03	1.4E-03		1.7E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	1.84E+00	1.1E+00		1.8E-03			
VINYL CHLORIDE	75014	**3.3%**	3.00E-01	1.0E-01	8.8E-03	3.0E-03		2.6E-06	X
ALUMINUM	7429905	92.0%	4.38E-01						
ANTIMONY	7440360	48.0%	4.99E-03	1.4E-03		3.6E-03			
ARSENIC	7440382	100.0%	1.53E-03	3.0E-05	4.3E+00	5.1E-02		6.6E-06	X
BARIUM	7440393	100.0%	1.74E-02	2.5E-01		7.1E-05			
BERYLLIUM	7440417	28.0%	5.40E-05	2.0E-05	2.4E+00	2.7E-03		1.3E-07	
CADMIUM	7440439	36.0%	5.28E-04	2.0E-05	1.8E+00	2.6E-02		9.5E-07	
CALCIUM	7440702	100.0%	4.89E+00						
CHROMIUM	18540299	100.0%	5.49E-03	1.0E-04	1.2E+01	5.5E-02		6.6E-05	X
COBALT	7440484	24.0%	1.81E-03	1.0E-04		1.8E-02			
COPPER	7440508	100.0%	1.44E-01						
IRON	7439896	100.0%	7.74E-01						
LEAD	7439921	56.0%	1.24E-02		1.2E-02			1.5E-07	
MAGNESIUM	7439954	100.0%	8.62E-01						
MANGANESE	7439965	100.0%	2.56E-02	5.0E-05		5.1E-01	X		
MOLYBDENUM	7439987	52.0%	3.71E-03	1.8E-02		2.1E-04			
NICKEL	7440020	100.0%	1.33E-02	2.0E-04	4.8E-01	6.7E-02		6.4E-06	X
POTASSIUM	7440097	24.0%	3.12E-01						
SELENIUM	7782492	36.0%	3.00E-03	2.0E-02		1.5E-04			
SILVER	7440224	**8.0%**	2.50E-04	1.8E-02		1.4E-05			
SODIUM	7440235	96.0%	1.28E+00						
STRONTIUM	7440246	100.0%	5.68E-03	2.1E+00		2.7E-06			
THALLIUM	7440280	12.0%	4.70E-05						
TIN	7440315	**8.0%**	0.004	2.1E+00		1.8E-06			
TITANIUM	7440326	96.0%	1.21E-02						
VANADIUM	7440622	20.0%	1.33E-03	2.5E-02		5.4E-05			
YTTRIUM	7440655	**8.0%**	5.50E-04						
ZINC	7440666	96.0%	9.52E-02	1.1E+00		9.1E-05			
					Cumulative Risk:	**1.6E+00**		**2.0E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.4E+00**		**1.8E-04**	

Table D14. Median Chronic Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
HCL (CALCULATED FROM CL)	7647010	**3.7%**	0.345	2.0E-02		1.7E-02			
FORMALDEHYDE	50000	100.0%	1.3	9.8E-03	1.3E-02	1.3E-01	X	1.7E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	0.01825	6.0E-01		3.0E-05			
1,1-BIPHENYL	92524	78.6%	0.00855	1.8E-01		4.9E-05			
2,4,6-TRICHLOROPHENOL	88062	**3.6%**	0.01875		3.1E-03			5.8E-08	
2-METHYLNAPHTHALENE	91576	100.0%	0.046						
2-METHYLPHENOL	95487	17.9%	0.0185	6.0E-01		3.1E-05			
2-NITROPHENOL	88755	25.0%	0.018						
4-NITROPHENOL	106445	14.3%	0.03675	6.0E-01		6.1E-05			
ACENAPHTHENE	83329	57.1%	0.01625	2.1E-01		7.7E-05			
ACENAPHTHYLENE	208968	10.7%	0.0185						
ACETOPHENONE	98862	10.7%	0.01925	3.5E-01		5.5E-05			
BENZALDEHYDE	100527	**7.1%**	0.01975	3.5E-01		5.6E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	35.7%	0.023	7.0E-02	2.4E-03	3.3E-04		5.5E-08	
DIBENZOFURAN	132649	75.0%	0.011						
FLUORANTHENE	206440	53.6%	0.01775	1.4E-01		1.3E-04			
FLUORENE	86737	67.9%	0.0094	1.4E-01		6.7E-05			
ISOPHORONE	78591	10.7%	0.01875	2.0E+00	2.7E-04	9.4E-06		5.1E-09	
NAPHTHALENE	91203	96.4%	0.105	3.0E-03		3.5E-02			
PENTACHLOROPHENOL	87865	10.7%	0.03775	1.1E-01	5.1E-03	3.6E-04		1.9E-07	
PHENANTHRENE	85018	92.9%	0.0185						
PHENOL	108952	42.9%	0.01875	2.0E-01		9.4E-05			
PYRENE	129000	35.7%	0.01775	1.1E-01		1.7E-04			
(M- AND/OR P-)XYLENE	108383	90.0%	1.925	1.0E-01		1.9E-02			
1,1,1-TRICHLOROETHANE	71556	60.0%	0.35						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	96.4%	0.655	1.1E+02		6.2E-06			
1,1,2-TRICHLOROETHANE	79005	**3.3%**	0.725	1.4E-02	1.6E-02	5.2E-02		1.2E-05	X
1,2,4-TRIMETHYLBENZENE	95636	76.7%	0.705						
1,2-DICHLOROETHANE	1070602	**3.3%**	0.485	2.4E+00	2.6E-02	2.0E-04		1.3E-05	X
1,3,5-TRIMETHYLBENZENE	108678	23.3%	0.55						
1,3-BUTADIENE	106990	43.3%	0.2875	2.0E-03	3.0E-02	1.4E-01	X	8.6E-06	X
1,4-DICHLOROBENZENE	106467	20.0%	0.7	8.0E-01	1.1E-02	8.8E-04		7.7E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	17.9%	0.4875						
ACETONE	67641	64.3%	12	3.1E+01		3.9E-04			
BENZENE	71432	90.0%	1.225	6.0E-02	7.8E-03	2.0E-02		9.6E-06	X
BROMOMETHANE	74839	**3.3%**	0.4975	5.0E-03		1.0E-01			
CARBON DISULFIDE	75150	**6.7%**	2.125	7.0E-01		3.0E-03			
CARBON TETRACHLORIDE	56235	90.0%	0.63	4.0E-02	1.5E-02	1.6E-02		9.5E-06	X
CHLORODIFLUOROMETHANE	75456	96.4%	1.5	5.0E+01		3.0E-05			
CHLOROFORM	67663	16.7%	0.585	9.8E-02	2.3E-02	6.0E-03		1.3E-05	X
CHLOROMETHANE	74873	90.0%	1.2	9.0E-02		1.3E-02			
CYCLOHEXANE	110827	**7.1%**	2.15						
DICHLORODIFLUOROMETHANE	75718	96.6%	2.9	7.0E-01		4.1E-03			
ETHYL BENZENE	100414	66.7%	0.66	1.0E+00		6.6E-04			
HEXANE	110543	89.3%	1.35	2.0E-01		6.8E-03			

Table D14. Median Chronic Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
METHYL ACETATE	79209	21.4%	0.3625	3.5E+00		1.0E-04			
METHYL ETHYL KETONE	78933	92.9%	2.725	1.0E+00		2.7E-03			
METHYL ISOBUTYL KETONE	108101	**7.1%**	2.325	2.8E-01		8.3E-03			
METHYL METHACRYLATE	80626	**7.1%**	0.5	7.0E-01		7.1E-04			
METHYL T-BUTYL ETHER (MTBE)	1634044	96.4%	1.15	3.0E+00		3.8E-04			
METHYLCYCLOHEXANE	108872	32.1%	0.5	3.0E+00		1.7E-04			
METHYLENE CHLORIDE	75092	60.0%	0.43	1.0E+00	4.7E-04	4.3E-04		2.0E-07	
N-PROPYLBENZENE	103651	16.7%	0.55						
O-XYLENE	95476	66.7%	0.73	1.0E-01		7.3E-03			
SEC-BUTYLBENZENE	135988	**6.7%**	0.75						
STYRENE	100425	20.0%	2.15	1.0E+00		2.2E-03			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	40.0%	0.775	2.7E-01	5.9E-03	2.9E-03		4.6E-06	X
TOLUENE	108883	96.7%	3.45	4.0E-01		8.6E-03			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**3.3%**	1.225	6.0E-01	2.0E-03	2.0E-03		2.5E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	1.65	1.1E+00		1.6E-03			
VINYL CHLORIDE	75014	**3.3%**	0.375	1.0E-01	8.8E-03	3.8E-03		3.3E-06	X
ALUMINUM	7429905	92.0%	0.29						
ANTIMONY	7440360	48.0%	0.00275	1.4E-03		2.0E-03			
ARSENIC	7440382	100.0%	0.0011	3.0E-05	4.3E+00	3.7E-02		4.7E-06	X
BARIUM	7440393	100.0%	0.013	2.5E-01		5.3E-05			
BERYLLIUM	7440417	28.0%	0.000022	2.0E-05	2.4E+00	1.1E-03		5.3E-08	
CADMIUM	7440439	36.0%	0.00042	2.0E-05	1.8E+00	2.1E-02		7.6E-07	
CALCIUM	7440702	100.0%	3.1						
CHROMIUM	18540299	100.0%	0.004	1.0E-04	1.2E+01	4.0E-02		4.8E-05	X
COBALT	7440484	24.0%	0.0007	1.0E-04		7.0E-03			
COPPER	7440508	100.0%	0.11						
IRON	7439896	100.0%	0.51						
LEAD	7439921	56.0%	0.0092		1.2E-02			1.1E-07	
MAGNESIUM	7439954	100.0%	0.44						
MANGANESE	7439965	100.0%	0.014	5.0E-05		2.8E-01	X		
MOLYBDENUM	7439987	52.0%	0.0015	1.8E-02		8.6E-05			
NICKEL	7440020	100.0%	0.0053	2.0E-04	4.8E-01	2.7E-02		2.5E-06	X
POTASSIUM	7440097	24.0%	0.28						
SELENIUM	7782492	36.0%	0.0026	2.0E-02		1.3E-04			
SILVER	7440224	**8.0%**	0.0007	1.8E-02		4.0E-05			
SODIUM	7440235	96.0%	0.8						
STRONTIUM	7440246	100.0%	0.0048	2.1E+00		2.3E-06			
THALLIUM	7440280	12.0%	0.000035						
TIN	7440315	**8.0%**	0.003	2.1E+00		1.3E-06			
TITANIUM	7440326	96.0%	0.0084						
VANADIUM	7440622	20.0%	0.00075	2.5E-02		3.1E-05			
YTTRIUM	7440655	**8.0%**	0.00043						
ZINC	7440666	96.0%	0.066	1.1E+00		6.3E-05			
					Cumulative Risk:	**1.0E+00**		**1.6E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**8.4E-01**		**1.3E-04**	

Table D15. Acute Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HCL (CALCULATED FROM CL)	7647010	**3.7%**	0.71	8.8E-02	8.1E-03	
FORMALDEHYDE	50000	100.0%	3.5	4.9E-02	7.1E-02	
(3-AND/OR 4-)METHYLPHENOL	108394	39.3%	0.024			
1,1-BIPHENYL	92524	78.6%	0.013			
2,4,6-TRICHLOROPHENOL	88062	**3.6%**	0.015			
2-METHYLNAPHTHALENE	91576	100.0%	0.097			
2-METHYLPHENOL	95487	17.9%	0.009			
2-NITROPHENOL	88755	25.0%	0.017			
4-NITROPHENOL	106445	14.3%	0.027			
ACENAPHTHENE	83329	57.1%	0.04			
ACENAPHTHYLENE	208968	10.7%	0.0079			
ACETOPHENONE	98862	10.7%	0.087			
BENZALDEHYDE	100527	**7.1%**	0.23			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	35.7%	0.12			
DIBENZOFURAN	132649	75.0%	0.03			
FLUORANTHENE	206440	53.6%	0.058			
FLUORENE	86737	67.9%	0.025			
ISOPHORONE	78591	10.7%	0.032			
NAPHTHALENE	91203	96.4%	0.25			
PENTACHLOROPHENOL	87865	10.7%	0.032			
PHENANTHRENE	85018	92.9%	0.19			
PHENOL	108952	42.9%	0.05	2.4E-01	2.1E-04	
PYRENE	129000	35.7%	0.013			
(M- AND/OR P-)XYLENE	108383	90.0%	8	4.3E+00	1.9E-03	
1,1,1-TRICHLOROETHANE	71556	60.0%	0.42	1.1E+01	3.8E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	96.4%	0.91			
1,1,2-TRICHLOROETHANE	79005	**3.3%**	0.34			
1,2,4-TRIMETHYLBENZENE	95636	76.7%	3.9			
1,2-DICHLOROETHANE	1070602	**3.3%**	0.31	8.3E+00	3.7E-05	
1,3,5-TRIMETHYLBENZENE	108678	23.3%	1.1			
1,3-BUTADIENE	106990	43.3%	1.5	9.2E-01	1.6E-03	
1,4-DICHLOROBENZENE	106467	20.0%	0.92	4.8E+00	1.9E-04	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	17.9%	2.2			
ACETONE	67641	64.3%	45	6.2E+01	7.3E-04	
BENZENE	71432	90.0%	3	1.6E-01	1.9E-02	
BROMOMETHANE	74839	**3.3%**	0.26	1.9E-01	1.4E-03	
CARBON DISULFIDE	75150	**6.7%**	3.8	1.6E+00	2.5E-03	
CARBON TETRACHLORIDE	56235	90.0%	0.97	1.3E+00	7.5E-04	
CHLORODIFLUOROMETHANE	75456	96.4%	27			
CHLOROFORM	67663	16.7%	4.5	4.9E-01	9.2E-03	
CHLOROMETHANE	74873	90.0%	2.6	1.0E+00	2.6E-03	
CYCLOHEXANE	110827	**7.1%**	0.76			
DICHLORODIFLUOROMETHANE	75718	96.6%	25			
ETHYL BENZENE	100414	66.7%	2			

Table D15. Acute Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
HEXANE	110543	89.3%	14			
METHYL ACETATE	79209	21.4%	0.51			
METHYL ETHYL KETONE	78933	92.9%	12	5.4E-01	2.2E-02	
METHYL ISOBUTYL KETONE	108101	**7.1%**	0.95			
METHYL METHACRYLATE	80626	**7.1%**	1.2			
METHYL T-BUTYL ETHER (MTBE)	1634044	96.4%	8.8	7.2E+00	1.2E-03	
METHYLCYCLOHEXANE	108872	32.1%	0.99			
METHYLENE CHLORIDE	75092	60.0%	1.5	2.1E+00	7.1E-04	
N-PROPYLBENZENE	103651	16.7%	0.6			
O-XYLENE	95476	66.7%	2.5	4.3E+00	5.8E-04	
SEC-BUTYLBENZENE	135988	**6.7%**	3.3			
STYRENE	100425	20.0%	1.1	8.8E-01	1.3E-03	
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	40.0%	1	1.4E+00	7.1E-04	
TOLUENE	108883	96.7%	15	3.8E+00	3.9E-03	
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**3.3%**	0.83	1.1E+01	7.5E-05	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.0%	2.9			
VINYL CHLORIDE	75014	**3.3%**	0.3	1.3E+00	2.3E-04	
ALUMINUM	7429905	92.0%	0.73			
ANTIMONY	7440360	48.0%	0.0088			
ARSENIC	7440382	100.0%	0.0023	3.2E-05	7.3E-02	
BARIUM	7440393	100.0%	0.032			
BERYLLIUM	7440417	28.0%	0.000054	1.0E-03	5.2E-05	
CADMIUM	7440439	36.0%	0.00093			
CALCIUM	7440702	100.0%	7.4			
CHROMIUM	18540299	100.0%	0.013			
COBALT	7440484	24.0%	0.0057			
COPPER	7440508	100.0%	0.32	4.2E-03	7.7E-02	
IRON	7439896	100.0%	1.2			
LEAD	7439921	56.0%	0.027			
MAGNESIUM	7439954	100.0%	1.3			
MANGANESE	7439965	100.0%	0.047			
MOLYBDENUM	7439987	52.0%	0.013			
NICKEL	7440020	100.0%	0.056	2.5E-04	2.2E-01	
POTASSIUM	7440097	24.0%	0.36			
SELENIUM	7782492	36.0%	0.003			
SILVER	7440224	**8.0%**	0.00025			
SODIUM	7440235	96.0%	3.9			
STRONTIUM	7440246	100.0%	0.01			
THALLIUM	7440280	12.0%	0.000047			
TIN	7440315	**8.0%**	0.0079			
TITANIUM	7440326	96.0%	0.021			
VANADIUM	7440622	20.0%	0.0023	2.0E-04	1.2E-02	
YTTRIUM	7440655	**8.0%**	0.00055			
ZINC	7440666	96.0%	0.24			

Table D15. Acute Risk Summary
WLATS Site Number 4 - St. Stephen Baptist Church (EPA Site ID 5)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
ALPHA-CHLORDANE /2	5103719	100.0%	0.00025			
ALPHA-CHLORDENE /2	N/A	100.0%	0.000029			
BETA-CHLORDENE /2	N/A	100.0%	0.000052			
DIELDRIN	60571	100.0%	0.00021			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00025			
GAMMA-BHC (LINDANE)	58899	100.0%	0.00011			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00017			
HEPTACHLOR	76448	100.0%	0.00013			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.00007			
OXYCHLORDANE (OCTACHLOREPOXIDE) /2	27304138	100.0%	0.000027			
PCB Congener #101	1336363	100.0%	0.000057			
PCB Congener #153	1336363	100.0%	0.000055			
PCB Congener #163	1336363	100.0%	0.000042			
PCB Congener #201	1336363	100.0%	0.000033			
PCB Congener #209	1336363	100.0%	0.0017			
PCB Congener #28	1336363	100.0%	0.000085			
PCB Congener #52	1336363	100.0%	0.00006			
PCB Congener #60	1336363	100.0%	0.000018			
TOXAPHENE	8001352	100.0%	0.015			

Table D16. RME Chronic Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
FORMALDEHYDE	50000	100.0%	1.55E+00	9.8E-03	1.3E-02	1.6E-01	X	2.0E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	25.9%	1.00E-02	6.0E-01		1.7E-05			
1,1-BIPHENYL	92524	37.0%	7.80E-03	1.8E-01		4.5E-05			
2,4,5-TRICHLOROPHENOL	95954	**3.7%**	1.60E-02	3.5E-01		4.6E-05			
2-METHYLNAPHTHALENE	91576	96.3%	2.59E-02						
2-METHYLPHENOL	95487	11.1%	4.40E-03	6.0E-01		7.3E-06			
2-NITROPHENOL	88755	25.9%	1.30E-02						
4-CHLOROANILINE	106478	**3.7%**	3.80E-03	1.4E-02		2.7E-04			
ACENAPHTHENE	83329	33.3%	1.10E-02	2.1E-01		5.2E-05			
ACENAPHTHYLENE	208968	**3.7%**	3.40E-03						
ACETOPHENONE	98862	14.8%	2.31E-02	3.5E-01		6.6E-05			
BENZALDEHYDE	100527	**7.4%**	1.74E-01	3.5E-01		5.0E-04			
CAPROLACTAM	105602	**3.7%**	5.20E-03	1.8E+00		3.0E-06			
DIBENZOFURAN	132649	63.0%	1.36E-02						
FLUORANTHENE	206440	25.9%	7.60E-03	1.4E-01		5.4E-05			
FLUORENE	86737	44.4%	1.40E-02	1.4E-01		1.0E-04			
NAPHTHALENE	91203	92.6%	5.98E-02	3.0E-03		2.0E-02			
PHENANTHRENE	85018	85.2%	1.64E-02						
PHENOL	108952	29.6%	1.81E-02	2.0E-01		9.1E-05			
(M- AND/OR P-)XYLENE	108383	77.4%	1.59E+00	1.0E-01		1.6E-02			
1,1,1-TRICHLOROETHANE	71556	58.1%	4.10E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	7.08E-01	1.1E+02		6.7E-06			
1,2,4-TRIMETHYLBENZENE	95636	54.8%	7.93E-01						
1,3,5-TRIMETHYLBENZENE	108678	**6.5%**	6.80E-01						
1,3-BUTADIENE	106990	**9.7%**	4.14E-01	2.0E-03	3.0E-02	2.1E-01	X	1.2E-05	X
1,4-DICHLOROBENZENE	106467	**3.2%**	3.60E-01	8.0E-01	1.1E-02	4.5E-04		4.0E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	**7.1%**	6.06E-01						
ACETONE	67641	67.9%	2.09E+01	3.1E+01		6.7E-04			
BENZENE	71432	83.9%	1.34E+00	6.0E-02	7.8E-03	2.2E-02		1.0E-05	X
CARBON DISULFIDE	75150	**3.2%**	8.20E-01	7.0E-01		1.2E-03			
CARBON TETRACHLORIDE	56235	90.3%	7.50E-01	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	5.18E+00	5.0E+01		1.0E-04			
CHLOROFORM	67663	**9.7%**	9.54E-01	9.8E-02	2.3E-02	9.7E-03		2.2E-05	X
CHLOROMETHANE	74873	90.3%	1.40E+00	9.0E-02		1.6E-02			
CYCLOHEXANE	110827	**3.6%**	1.10E+00						
DICHLORODIFLUOROMETHANE	75718	100.0%	5.01E+00	7.0E-01		7.2E-03			
ETHYL BENZENE	100414	51.6%	6.96E-01	1.0E+00		7.0E-04			
HEXANE	110543	96.4%	5.23E+00	2.0E-01		2.6E-02			
METHYL ACETATE	79209	31.0%	7.16E-01	3.5E+00		2.0E-04			
METHYL ETHYL KETONE	78933	78.6%	2.45E+00	1.0E+00		2.5E-03			
METHYL ISOBUTYL KETONE	108101	**3.6%**	5.80E-01	2.8E-01		2.1E-03			
METHYL METHACRYLATE	80626	**7.1%**	5.60E-01	7.0E-01		8.0E-04			
METHYL T-BUTYL ETHER (MTBE)	1634044	85.7%	1.20E+00	3.0E+00		4.0E-04			
METHYLCYCLOHEXANE	108872	**7.1%**	4.90E-01	3.0E+00		1.6E-04			
METHYLENE CHLORIDE	75092	45.2%	6.10E-01	1.0E+00	4.7E-04	6.1E-04		2.9E-07	

Table D16. RME Chronic Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
N-PROPYLBENZENE	103651	**3.2%**	4.60E-01						
O-XYLENE	95476	48.4%	1.01E+00	1.0E-01		1.0E-02			
SEC-BUTYLBENZENE	135988	**6.5%**	1.39E+00						
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	**9.7%**	7.20E-01	2.7E-01	5.9E-03	2.7E-03		4.2E-06	X
TOLUENE	108883	96.8%	3.08E+00	4.0E-01		7.7E-03			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	1.80E+00	1.1E+00		1.7E-03			
ALUMINUM	7429905	95.5%	1.95E-01						
ANTIMONY	7440360	50.0%	1.10E-03	1.4E-03		7.9E-04			
ARSENIC	7440382	100.0%	1.32E-03	3.0E-05	4.3E+00	4.4E-02		5.7E-06	X
BARIUM	7440393	100.0%	1.02E-02	2.5E-01		4.2E-05			
BERYLLIUM	7440417	13.6%	2.90E-05	2.0E-05	2.4E+00	1.5E-03		7.0E-08	
CADMIUM	7440439	54.5%	8.60E-04	2.0E-05	1.8E+00	4.3E-02		1.5E-06	X
CALCIUM	7440702	100.0%	1.25E+00						
CHROMIUM	18540299	100.0%	2.82E-03	1.0E-04	1.2E+01	2.8E-02		3.4E-05	X
COPPER	7440508	100.0%	1.52E+00						
IRON	7439896	90.9%	3.44E-01						
LEAD	7439921	40.9%	6.66E-03		1.2E-02			8.0E-08	
MAGNESIUM	7439954	68.2%	1.93E-01						
MANGANESE	7439965	100.0%	1.40E-02	5.0E-05		2.8E-01	X		
NICKEL	7440020	100.0%	3.50E-03	2.0E-04	4.8E-01	1.8E-02		1.7E-06	X
SELENIUM	7782492	36.4%	2.30E-03	2.0E-02		1.2E-04			
SILVER	7440224	**9.1%**	1.50E-03	1.8E-02		8.6E-05			
SODIUM	7440235	90.9%	1.05E+00						
STRONTIUM	7440246	72.7%	2.67E-03	2.1E+00		1.3E-06			
THALLIUM	7440280	**4.5%**	3.90E-05						
TITANIUM	7440326	81.8%	7.44E-03						
VANADIUM	7440622	13.6%	1.08E-03	2.5E-02		4.4E-05			
ZINC	7440666	86.4%	4.18E-02	1.1E+00		4.0E-05			
					Cumulative Risk:	**9.5E-01**		**1.3E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**7.2E-01**		**8.5E-05**	

Table D17. Median Chronic Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
FORMALDEHYDE	50000	100.0%	0.935	9.8E-03	1.3E-02	9.5E-02		1.2E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	25.9%	0.017	6.0E-01		2.8E-05			
1,1-BIPHENYL	92524	37.0%	0.016	1.8E-01		9.1E-05			
2,4,5-TRICHLOROPHENOL	95954	**3.7%**	0.0165	3.5E-01		4.7E-05			
2-METHYLNAPHTHALENE	91576	96.3%	0.019						
2-METHYLPHENOL	95487	11.1%	0.0165	6.0E-01		2.8E-05			
2-NITROPHENOL	88755	25.9%	0.0165						
4-CHLOROANILINE	106478	**3.7%**	0.0165	1.4E-02		1.2E-03			
ACENAPHTHENE	83329	33.3%	0.0155	2.1E-01		7.4E-05			
ACENAPHTHYLENE	208968	**3.7%**	0.0165						
ACETOPHENONE	98862	14.8%	0.017	3.5E-01		4.9E-05			
BENZALDEHYDE	100527	**7.4%**	0.017	3.5E-01		4.9E-05			
CAPROLACTAM	105602	**3.7%**	0.0165	1.8E+00		9.4E-06			
DIBENZOFURAN	132649	63.0%	0.0084						
FLUORANTHENE	206440	25.9%	0.016	1.4E-01		1.1E-04			
FLUORENE	86737	44.4%	0.015	1.4E-01		1.1E-04			
NAPHTHALENE	91203	92.6%	0.047	3.0E-03		1.6E-02			
PHENANTHRENE	85018	85.2%	0.012						
PHENOL	108952	29.6%	0.0165	2.0E-01		8.3E-05			
(M- AND/OR P-)XYLENE	108383	77.4%	1.2	1.0E-01		1.2E-02			
1,1,1-TRICHLOROETHANE	71556	58.1%	0.39						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.64	1.1E+02		6.1E-06			
1,2,4-TRIMETHYLBENZENE	95636	54.8%	0.55						
1,3,5-TRIMETHYLBENZENE	108678	**6.5%**	0.6						
1,3-BUTADIENE	106990	**9.7%**	0.27	2.0E-03	3.0E-02	1.4E-01	X	8.1E-06	X
1,4-DICHLOROBENZENE	106467	**3.2%**	0.7	8.0E-01	1.1E-02	8.8E-04		7.7E-06	X
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	**7.1%**	0.4575						
ACETONE	67641	67.9%	13.25	3.1E+01		4.3E-04			
BENZENE	71432	83.9%	0.94	6.0E-02	7.8E-03	1.6E-02		7.3E-06	X
CARBON DISULFIDE	75150	**3.2%**	2.2	7.0E-01		3.1E-03			
CARBON TETRACHLORIDE	56235	90.3%	0.61	4.0E-02	1.5E-02	1.5E-02		9.2E-06	X
CHLORODIFLUOROMETHANE	75456	100.0%	1.15	5.0E+01		2.3E-05			
CHLOROFORM	67663	**9.7%**	0.6	9.8E-02	2.3E-02	6.1E-03		1.4E-05	X
CHLOROMETHANE	74873	90.3%	1.2	9.0E-02		1.3E-02			
CYCLOHEXANE	110827	**3.6%**	1.475						
DICHLORODIFLUOROMETHANE	75718	100.0%	3.05	7.0E-01		4.4E-03			
ETHYL BENZENE	100414	51.6%	0.55	1.0E+00		5.5E-04			
HEXANE	110543	96.4%	1.1	2.0E-01		5.5E-03			
METHYL ACETATE	79209	31.0%	0.36	3.5E+00		1.0E-04			
METHYL ETHYL KETONE	78933	78.6%	1.975	1.0E+00		2.0E-03			
METHYL ISOBUTYL KETONE	108101	**3.6%**	2.25	2.8E-01		8.0E-03			
METHYL METHACRYLATE	80626	**7.1%**	0.525	7.0E-01		7.5E-04			
METHYL T-BUTYL ETHER (MTBE)	1634044	85.7%	0.55	3.0E+00		1.8E-04			
METHYLCYCLOHEXANE	108872	**7.1%**	0.495	3.0E+00		1.7E-04			
METHYLENE CHLORIDE	75092	45.2%	0.35	1.0E+00	4.7E-04	3.5E-04		1.6E-07	

Table D17. Median Chronic Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
N-PROPYLBENZENE	103651	**3.2%**	0.6						
O-XYLENE	95476	48.4%	0.55	1.0E-01		5.5E-03			
SEC-BUTYLBENZENE	135988	**6.5%**	0.85						
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	**9.7%**	0.8	2.7E-01	5.9E-03	3.0E-03		4.7E-06	X
TOLUENE	108883	96.8%	1.8	4.0E-01		4.5E-03			
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	1.5	1.1E+00		1.4E-03			
ALUMINUM	7429905	95.5%	0.155						
ANTIMONY	7440360	50.0%	0.001925	1.4E-03		1.4E-03			
ARSENIC	7440382	100.0%	0.00092	3.0E-05	4.3E+00	3.1E-02		4.0E-06	X
BARIUM	7440393	100.0%	0.00705	2.5E-01		2.9E-05			
BERYLLIUM	7440417	13.6%	0.00001425	2.0E-05	2.4E+00	7.1E-04		3.4E-08	
CADMIUM	7440439	54.5%	0.00055	2.0E-05	1.8E+00	2.8E-02		9.9E-07	
CALCIUM	7440702	100.0%	0.88						
CHROMIUM	18540299	100.0%	0.00265	1.0E-04	1.2E+01	2.7E-02		3.2E-05	X
COPPER	7440508	100.0%	1.05						
IRON	7439896	90.9%	0.235						
LEAD	7439921	40.9%	0.00465		1.2E-02			5.6E-08	
MAGNESIUM	7439954	68.2%	0.155						
MANGANESE	7439965	100.0%	0.0069	5.0E-05		1.4E-01	X		
NICKEL	7440020	100.0%	0.0028	2.0E-04	4.8E-01	1.4E-02		1.3E-06	X
SELENIUM	7782492	36.4%	0.00275	2.0E-02		1.4E-04			
SILVER	7440224	**9.1%**	0.0007	1.8E-02		4.0E-05			
SODIUM	7440235	90.9%	0.765						
STRONTIUM	7440246	72.7%	0.00175	2.1E+00		8.3E-07			
THALLIUM	7440280	**4.5%**	0.00003725						
TITANIUM	7440326	81.8%	0.00435						
VANADIUM	7440622	13.6%	0.0007	2.5E-02		2.9E-05			
ZINC	7440666	86.4%	0.0405	1.1E+00		3.9E-05			
				Cumulative Risk:		**5.9E-01**		**1.0E-04**	
				Cumulative Risk minus <10% Frequency of Detection:		**4.3E-01**		**6.7E-05**	

Table D18. Acute Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
FORMALDEHYDE	50000	100.0%	2.8	4.9E-02	5.7E-02	
(3-AND/OR 4-)METHYLPHENOL	108394	25.9%	0.01			
1,1-BIPHENYL	92524	37.0%	0.0078			
2,4,5-TRICHLOROPHENOL	95954	3.7%	0.016			
2-METHYLNAPHTHALENE	91576	96.3%	0.07			
2-METHYLPHENOL	95487	11.1%	0.0044			
2-NITROPHENOL	88755	25.9%	0.013			
4-CHLOROANILINE	106478	3.7%	0.0038			
ACENAPHTHENE	83329	33.3%	0.011			
ACENAPHTHYLENE	208968	3.7%	0.0034			
ACETOPHENONE	98862	14.8%	0.086			
BENZALDEHYDE	100527	7.4%	30			
CAPROLACTAM	105602	3.7%	0.0052			
DIBENZOFURAN	132649	63.0%	0.015			
FLUORANTHENE	206440	25.9%	0.0076			
FLUORENE	86737	44.4%	0.014			
NAPHTHALENE	91203	92.6%	0.12			
PHENANTHRENE	85018	85.2%	0.034			
PHENOL	108952	29.6%	0.019	2.4E-01	7.9E-05	
(M- AND/OR P-)XYLENE	108383	77.4%	4.4	4.3E+00	1.0E-03	
1,1,1-TRICHLOROETHANE	71556	58.1%	0.41	1.1E+01	3.7E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.95			
1,2,4-TRIMETHYLBENZENE	95636	54.8%	1.9			
1,3,5-TRIMETHYLBENZENE	108678	6.5%	0.68			
1,3-BUTADIENE	106990	9.7%	0.61	9.2E-01	6.7E-04	
1,4-DICHLOROBENZENE	106467	3.2%	0.36	4.8E+00	7.5E-05	
2-CHLORO-1,3-BUTADIENE (CHLOROPRENE)	126998	7.1%	1.6			
ACETONE	67641	67.9%	61	6.2E+01	9.8E-04	
BENZENE	71432	83.9%	3.2	1.6E-01	2.0E-02	
CARBON DISULFIDE	75150	3.2%	0.82	1.6E+00	5.3E-04	
CARBON TETRACHLORIDE	56235	90.3%	1	1.3E+00	7.7E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	140			
CHLOROFORM	67663	9.7%	6	4.9E-01	1.2E-02	
CHLOROMETHANE	74873	90.3%	3.1	1.0E+00	3.1E-03	
CYCLOHEXANE	110827	3.6%	1.1			
DICHLORODIFLUOROMETHANE	75718	100.0%	20			
ETHYL BENZENE	100414	51.6%	1			
HEXANE	110543	96.4%	70			
METHYL ACETATE	79209	31.0%	7.4			
METHYL ETHYL KETONE	78933	78.6%	3.6	5.4E-01	6.6E-03	
METHYL ISOBUTYL KETONE	108101	3.6%	0.58			
METHYL METHACRYLATE	80626	7.1%	0.56			
METHYL T-BUTYL ETHER (MTBE)	1634044	85.7%	4.5	7.2E+00	6.3E-04	
METHYLCYCLOHEXANE	108872	7.1%	0.49			
METHYLENE CHLORIDE	75092	45.2%	1.8	2.1E+00	8.6E-04	

Table D18. Acute Risk Summary
WLATS Site Number 5 - University of Louisville, Shelby Campus (EPA Site ID 6)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
N-PROPYLBENZENE	103651	3.2%	0.46			
O-XYLENE	95476	48.4%	1.2	4.3E+00	2.8E-04	
SEC-BUTYLBENZENE	135988	6.5%	3.3			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	9.7%	0.72	1.4E+00	5.1E-04	
TOLUENE	108883	96.8%	11	3.8E+00	2.9E-03	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	90.3%	3			
ALUMINUM	7429905	95.5%	0.41			
ANTIMONY	7440360	50.0%	0.0011			
ARSENIC	7440382	100.0%	0.0023	3.2E-05	7.3E-02	
BARIUM	7440393	100.0%	0.033			
BERYLLIUM	7440417	13.6%	0.000029	1.0E-03	2.8E-05	
CADMIUM	7440439	54.5%	0.002			
CALCIUM	7440702	100.0%	2.2			
CHROMIUM	18540299	100.0%	0.0037			
COPPER	7440508	100.0%	3.1	4.2E-03	7.4E-01	
IRON	7439896	90.9%	0.88			
LEAD	7439921	40.9%	0.0071			
MAGNESIUM	7439954	68.2%	0.35			
MANGANESE	7439965	100.0%	0.051			
NICKEL	7440020	100.0%	0.0057	2.5E-04	2.3E-02	
SELENIUM	7782492	36.4%	0.0023			
SILVER	7440224	9.1%	0.0015			
SODIUM	7440235	90.9%	2			
STRONTIUM	7440246	72.7%	0.0064			
THALLIUM	7440280	4.5%	0.000039			
TITANIUM	7440326	81.8%	0.013			
VANADIUM	7440622	13.6%	0.002	2.0E-04	1.0E-02	
ZINC	7440666	86.4%	0.061			
4,4'-DDE (P,P'-DDE)	72559	100.0%	0.00004			
4,4'-DDT (P,P'-DDT)	50293	100.0%	0.00013			
ALPHA-BHC	319846	100.0%	0.000029			
ALPHA-CHLORDANE /2	5103719	100.0%	0.00013			
BETA-CHLORDENE /2	N/A	100.0%	0.000036			
ENDOSULFAN I (ALPHA)	959988	100.0%	0.00024			
GAMMA-BHC (LINDANE)	58899	100.0%	0.000044			
GAMMA-CHLORDANE /2	5103742	100.0%	0.00012			
HEPTACHLOR	76448	100.0%	0.00017			
HEPTACHLOR EPOXIDE	1024573	100.0%	0.000042			

Table D19. RME Chronic Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
FORMALDEHYDE	50000	100.0%	8.84E-01	9.8E-03	1.3E-02	9.0E-02		1.1E-05	X
(3-AND/OR 4-)METHYLPHENOL	108394	14.3%	6.00E-03	6.0E-01		1.0E-05			
1,1-BIPHENYL	92524	14.3%	2.22E-02	1.8E-01		1.3E-04			
2,4-DINITROPHENOL	51285	**3.6%**	6.00E-03	7.0E-03		8.6E-04			
2-METHYLNAPHTHALENE	91576	85.7%	1.70E-02						
2-METHYLPHENOL	95487	**7.1%**	1.20E-02	6.0E-01		2.0E-05			
2-NITROPHENOL	88755	28.6%	1.60E-02						
ACETOPHENONE	98862	14.3%	2.00E-02	3.5E-01		5.7E-05			
BENZALDEHYDE	100527	**7.1%**	2.50E-02	3.5E-01		7.1E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	**3.6%**	2.93E-02	7.0E-02	2.4E-03	4.2E-04		7.0E-08	
DIBENZOFURAN	132649	17.9%	6.30E-03						
NAPHTHALENE	91203	92.9%	3.52E-02	3.0E-03		1.2E-02			
N-NITROSODI-N-PROPYLAMINE	621647	**3.6%**	2.24E-02		2.0E+00			4.5E-05	X
PENTACHLOROPHENOL	87865	**3.6%**	1.40E-02	1.1E-01	5.1E-03	1.3E-04		7.1E-08	
PHENANTHRENE	85018	17.9%	6.50E-03						
PHENOL	108952	35.7%	1.50E-02	2.0E-01		7.5E-05			
(M- AND/OR P-)XYLENE	108383	41.4%	1.30E+00	1.0E-01		1.3E-02			
1,1,1-TRICHLOROETHANE	71556	48.3%	4.00E-01						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	6.85E-01	1.1E+02		6.5E-06			
1,2,4-TRIMETHYLBENZENE	95636	10.3%	4.10E-01						
1,3-BUTADIENE	106990	**6.9%**	4.16E-01	2.0E-03	3.0E-02	2.1E-01	X	1.2E-05	X
ACETONE	67641	61.5%	1.57E+01	3.1E+01		5.0E-04			
BENZENE	71432	82.8%	8.73E-01	6.0E-02	7.8E-03	1.5E-02		6.8E-06	X
CARBON TETRACHLORIDE	56235	89.7%	7.51E-01	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
CHLORODIFLUOROMETHANE	75456	100.0%	1.32E+00	5.0E+01		2.6E-05			
CHLOROMETHANE	74873	89.7%	1.34E+00	9.0E-02		1.5E-02			
DICHLORODIFLUOROMETHANE	75718	100.0%	5.50E+00	7.0E-01		7.9E-03			
ETHYL BENZENE	100414	17.2%	3.90E-01	1.0E+00		3.9E-04			
HEXANE	110543	88.5%	1.39E+00	2.0E-01		6.9E-03			
METHYL ACETATE	79209	30.8%	6.54E-01	3.5E+00		1.9E-04			
METHYL ETHYL KETONE	78933	53.8%	2.32E+00	1.0E+00		2.3E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	15.4%	5.40E-01	3.0E+00		1.8E-04			
METHYLENE CHLORIDE	75092	24.1%	3.50E-01	1.0E+00	4.7E-04	3.5E-04		1.6E-07	
O-XYLENE	95476	13.8%	3.50E-01	1.0E-01		3.5E-03			
SEC-BUTYLBENZENE	135988	**6.9%**	1.46E+00						
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	**3.4%**	2.50E-01	2.7E-01	5.9E-03	9.3E-04		1.5E-06	X
TOLUENE	108883	82.8%	1.68E+00	4.0E-01		4.2E-03			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	**6.9%**	2.20E+00	6.0E-01	2.0E-03	3.7E-03		4.4E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	89.7%	1.72E+00	1.1E+00		1.6E-03			
ALUMINUM	7429905	80.8%	1.94E-01						
ANTIMONY	7440360	34.6%	1.40E-03	1.4E-03		1.0E-03			
ARSENIC	7440382	92.3%	1.79E-03	3.0E-05	4.3E+00	6.0E-02		7.7E-06	X
BARIUM	7440393	84.6%	4.12E-03	2.5E-01		1.7E-05			
CADMIUM	7440439	38.5%	4.33E-04	2.0E-05	1.8E+00	2.2E-02		7.8E-07	

Table D19. RME Chronic Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
CALCIUM	7440702	100.0%	8.12E-01						
CHROMIUM	18540299	100.0%	2.87E-03	1.0E-04	1.2E+01	2.9E-02		3.4E-05	X
COPPER	7440508	96.2%	3.85E-01						
IRON	7439896	57.7%	2.09E-01						
LEAD	7439921	30.8%	7.93E-03		1.2E-02			9.5E-08	
MAGNESIUM	7439954	23.1%	1.21E-01						
MANGANESE	7439965	96.2%	8.62E-03	5.0E-05		1.7E-01	X		
NICKEL	7440020	100.0%	5.92E-03	2.0E-04	4.8E-01	3.0E-02		2.8E-06	X
POTASSIUM	7440097	**7.7%**	2.60E-01						
SELENIUM	7782492	34.6%	2.00E-03	2.0E-02		1.0E-04			
SILVER	7440224	**7.7%**	2.80E-04	1.8E-02		1.6E-05			
SODIUM	7440235	96.2%	8.40E-01						
STRONTIUM	7440246	26.9%	1.62E-03	2.1E+00		7.7E-07			
THALLIUM	7440280	**7.7%**	2.00E-05						
TITANIUM	7440326	34.6%	4.48E-03						
VANADIUM	7440622	**3.8%**	1.18E-03	2.5E-02		4.8E-05			
ZINC	7440666	84.6%	4.95E-02	1.1E+00		4.7E-05			
					Cumulative Risk:	**7.2E-01**		**1.4E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**5.0E-01**		**7.6E-05**	

Table D20. Median Chronic Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
FORMALDEHYDE	50000	100.0%	0.61	9.8E-03	1.3E-02	6.2E-02		7.9E-06	X
(3-AND/OR 4-)METHYLPHENOL	108394	14.3%	0.018	6.0E-01		2.9E-05			
1,1-BIPHENYL	92524	14.3%	0.01875	1.8E-01		1.1E-04			
2,4-DINITROPHENOL	51285	3.6%	0.038	7.0E-03		5.4E-03			
2-METHYLNAPHTHALENE	91576	85.7%	0.011						
2-METHYLPHENOL	95487	7.1%	0.01775	6.0E-01		3.0E-05			
2-NITROPHENOL	88755	28.6%	0.018						
ACETOPHENONE	98862	14.3%	0.01925	3.5E-01		5.5E-05			
BENZALDEHYDE	100527	7.1%	0.01925	3.5E-01		5.5E-05			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	3.6%	0.01925	7.0E-02	2.4E-03	2.8E-04		4.6E-08	
DIBENZOFURAN	132649	17.9%	0.0175						
NAPHTHALENE	91203	92.9%	0.0255	3.0E-03		8.5E-03			
N-NITROSODI-N-PROPYLAMINE	621647	3.6%	0.01875		2.0E+00			3.8E-05	X
PENTACHLOROPHENOL	87865	3.6%	0.038	1.1E-01	5.1E-03	3.6E-04		1.9E-07	
PHENANTHRENE	85018	17.9%	0.01725						
PHENOL	108952	35.7%	0.0165	2.0E-01		8.3E-05			
(M- AND/OR P-)XYLENE	108383	41.4%	1.25	1.0E-01		1.3E-02			
1,1,1-TRICHLOROETHANE	71556	48.3%	0.55						
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.63	1.1E+02		6.0E-06			
1,2,4-TRIMETHYLBENZENE	95636	10.3%	0.6						
1,3-BUTADIENE	106990	6.9%	0.255	2.0E-03	3.0E-02	1.3E-01	X	7.7E-06	X
ACETONE	67641	61.5%	12	3.1E+01		3.9E-04			
BENZENE	71432	82.8%	0.67	6.0E-02	7.8E-03	1.1E-02		5.2E-06	X
CARBON TETRACHLORIDE	56235	89.7%	0.6	4.0E-02	1.5E-02	1.5E-02		9.0E-06	X
CHLORODIFLUOROMETHANE	75456	100.0%	0.805	5.0E+01		1.6E-05			
CHLOROMETHANE	74873	89.7%	1.2	9.0E-02		1.3E-02			
DICHLORODIFLUOROMETHANE	75718	100.0%	2.7	7.0E-01		3.9E-03			
ETHYL BENZENE	100414	17.2%	0.6	1.0E+00		6.0E-04			
HEXANE	110543	88.5%	0.67	2.0E-01		3.4E-03			
METHYL ACETATE	79209	30.8%	0.345	3.5E+00		9.9E-05			
METHYL ETHYL KETONE	78933	53.8%	1.875	1.0E+00		1.9E-03			
METHYL T-BUTYL ETHER (MTBE)	1634044	15.4%	0.465	3.0E+00		1.6E-04			
METHYLENE CHLORIDE	75092	24.1%	0.35	1.0E+00	4.7E-04	3.5E-04		1.6E-07	
O-XYLENE	95476	13.8%	0.7	1.0E-01		7.0E-03			
SEC-BUTYLBENZENE	135988	6.9%	0.85						
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	3.4%	0.8	2.7E-01	5.9E-03	3.0E-03		4.7E-06	X
TOLUENE	108883	82.8%	1	4.0E-01		2.5E-03			
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	6.9%	1.2	6.0E-01	2.0E-03	2.0E-03		2.4E-06	X
TRICHLOROFLUOROMETHANE (FREON 11)	75694	89.7%	1.5	1.1E+00		1.4E-03			
ALUMINUM	7429905	80.8%	0.12						
ANTIMONY	7440360	34.6%	0.0029	1.4E-03		2.1E-03			
ARSENIC	7440382	92.3%	0.00081	3.0E-05	4.3E+00	2.7E-02		3.5E-06	X
BARIUM	7440393	84.6%	0.00315	2.5E-01		1.3E-05			
CADMIUM	7440439	38.5%	0.000295	2.0E-05	1.8E+00	1.5E-02		5.3E-07	

Table D20. Median Chronic Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
CALCIUM	7440702	100.0%	0.54						
CHROMIUM	18540299	100.0%	0.0026	1.0E-04	1.2E+01	2.6E-02		3.1E-05	X
COPPER	7440508	96.2%	0.355						
IRON	7439896	57.7%	0.125						
LEAD	7439921	30.8%	0.0041		1.2E-02			4.9E-08	
MAGNESIUM	7439954	23.1%	0.075						
MANGANESE	7439965	96.2%	0.00415	5.0E-05		8.3E-02			
NICKEL	7440020	100.0%	0.00295	2.0E-04	4.8E-01	1.5E-02		1.4E-06	X
POTASSIUM	7440097	7.7%	0.3						
SELENIUM	7782492	34.6%	0.00245	2.0E-02		1.2E-04			
SILVER	7440224	7.7%	0.00075	1.8E-02		4.3E-05			
SODIUM	7440235	96.2%	0.765						
STRONTIUM	7440246	26.9%	0.000775	2.1E+00		3.7E-07			
THALLIUM	7440280	7.7%	0.00003725						
TITANIUM	7440326	34.6%	0.001525						
VANADIUM	7440622	3.8%	0.00075	2.5E-02		3.1E-05			
ZINC	7440666	84.6%	0.0455	1.1E+00		4.3E-05			
					Cumulative Risk:	**4.5E-01**		**1.1E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**3.1E-01**		**5.9E-05**	

Table D21. Acute Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
FORMALDEHYDE	50000	100.0%	1.7	4.9E-02	3.5E-02	
(3-AND/OR 4-)METHYLPHENOL	108394	14.3%	0.006			
1,1-BIPHENYL	92524	14.3%	0.035			
2,4-DINITROPHENOL	51285	3.6%	0.006			
2-METHYLNAPHTHALENE	91576	85.7%	0.029			
2-METHYLPHENOL	95487	7.1%	0.012			
2-NITROPHENOL	88755	28.6%	0.016			
ACETOPHENONE	98862	14.3%	0.02			
BENZALDEHYDE	100527	7.1%	0.073			
BIS(2-ETHYLHEXYL) PHTHALATE	117817	3.6%	0.19			
DIBENZOFURAN	132649	17.9%	0.0063			
NAPHTHALENE	91203	92.9%	0.075			
N-NITROSODI-N-PROPYLAMINE	621647	3.6%	0.029			
PENTACHLOROPHENOL	87865	3.6%	0.014			
PHENANTHRENE	85018	17.9%	0.0065			
PHENOL	108952	35.7%	0.015	2.4E-01	6.2E-05	
(M- AND/OR P-)XYLENE	108383	41.4%	1.3	4.3E+00	3.0E-04	
1,1,1-TRICHLOROETHANE	71556	48.3%	0.4	1.1E+01	3.6E-05	
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113)	76131	100.0%	0.96			
1,2,4-TRIMETHYLBENZENE	95636	10.3%	0.41			
1,3-BUTADIENE	106990	6.9%	0.43	9.2E-01	4.7E-04	
ACETONE	67641	61.5%	24	6.2E+01	3.9E-04	
BENZENE	71432	82.8%	1.4	1.6E-01	8.8E-03	
CARBON TETRACHLORIDE	56235	89.7%	1	1.3E+00	7.7E-04	
CHLORODIFLUOROMETHANE	75456	100.0%	4			
CHLOROMETHANE	74873	89.7%	2.5	1.0E+00	2.5E-03	
DICHLORODIFLUOROMETHANE	75718	100.0%	21			
ETHYL BENZENE	100414	17.2%	0.39			
HEXANE	110543	88.5%	13			
METHYL ACETATE	79209	30.8%	5.6			
METHYL ETHYL KETONE	78933	53.8%	2.8	5.4E-01	5.2E-03	
METHYL T-BUTYL ETHER (MTBE)	1634044	15.4%	0.6	7.2E+00	8.3E-05	
METHYLENE CHLORIDE	75092	24.1%	0.35	2.1E+00	1.7E-04	
O-XYLENE	95476	13.8%	0.35	4.3E+00	8.1E-05	
SEC-BUTYLBENZENE	135988	6.9%	3.3			
TETRACHLOROETHENE (TETRACHLOROETHYLENE)	127184	3.4%	0.25	1.4E+00	1.8E-04	
TOLUENE	108883	82.8%	3.6	3.8E+00	9.5E-04	
TRICHLOROETHENE (TRICHLOROETHYLENE)	79016	6.9%	2.2	1.1E+01	2.0E-04	
TRICHLOROFLUOROMETHANE (FREON 11)	75694	89.7%	3.1			
ALUMINUM	7429905	80.8%	0.36			
ANTIMONY	7440360	34.6%	0.0014			
ARSENIC	7440382	92.3%	0.0051	3.2E-05	1.6E-01	
BARIUM	7440393	84.6%	0.0088			
CADMIUM	7440439	38.5%	0.00083			

Table D21. Acute Risk Summary
WLATS Site Number 6 - Otter Creek Park (EPA Site ID 7)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
CALCIUM	7440702	100.0%	1.5			
CHROMIUM	18540299	100.0%	0.0044			
COPPER	7440508	96.2%	0.57	4.2E-03	1.4E-01	
IRON	7439896	57.7%	0.43			
LEAD	7439921	30.8%	0.01			
MAGNESIUM	7439954	23.1%	0.22			
MANGANESE	7439965	96.2%	0.024			
NICKEL	7440020	100.0%	0.02	2.5E-04	8.0E-02	
POTASSIUM	7440097	7.7%	0.26			
SELENIUM	7782492	34.6%	0.002			
SILVER	7440224	7.7%	0.00028			
SODIUM	7440235	96.2%	1.2			
STRONTIUM	7440246	26.9%	0.0035			
THALLIUM	7440280	7.7%	0.00002			
TITANIUM	7440326	34.6%	0.0081			
VANADIUM	7440622	3.8%	0.0019	2.0E-04	9.5E-03	
ZINC	7440666	84.6%	0.064			

Table D22. RME Chronic Risk Summary
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	21.4%	7.65E-01						
1,2,4-Trichlorobenzene	120821	14.3%	5.70E-01	2.0E-01		2.8E-03			
1,2,4-Trimethylbenzene	95636	28.6%	1.40E+00						
1,3-Butadiene	106990	69.2%	6.19E+00	2.0E-03	3.0E-02	3.1E+00	X	1.9E-04	X
1,3-Dichloropropane	142289	37.5%	1.49E+00						
1,4-Dichlorobenzene	106467	21.4%	1.71E+00	8.0E-01	1.1E-02	2.1E-03		1.9E-05	X
Acetone	67641	76.9%	3.14E+01	3.1E+01		1.0E-03			
Acrylonitrile	107131	25.0%	9.65E-01	2.0E-03	6.8E-02	4.8E-01	X	6.6E-05	X
Benzene	71432	100.0%	4.14E+00	6.0E-02	7.8E-03	6.9E-02		3.2E-05	X
Bromoform	75252	15.4%	1.14E+01	7.0E-02	1.1E-03	1.6E-01	X	1.3E-05	X
Carbon Disulfide	75150	53.8%	1.08E+02	7.0E-01		1.5E-01	X		
Carbon Tetrachloride	56235	50.0%	7.82E-01	4.0E-02	1.5E-02	2.0E-02		1.2E-05	X
Chloroethane	75003	**7.1%**	1.98E-01	1.0E+01		2.0E-05			
Chloroform	67663	42.9%	8.50E-01	9.8E-02	2.3E-02	8.7E-03		2.0E-05	X
Chloromethane	74873	92.9%	3.66E+00	9.0E-02		4.1E-02			
Chloroprene	126998	37.5%	1.74E+00						
Cyclohexane	110827	30.8%	1.15E+00						
Ethylbenzene	100414	42.9%	1.52E+01	1.0E+00		1.5E-02			
Freon 11	75694	100.0%	1.90E+00	1.1E+00		1.8E-03			
Freon 113	76131	14.3%	5.76E-01	1.1E+02		5.5E-06			
Freon 12	75718	100.0%	4.11E+00	7.0E-01		5.9E-03			
Freon 22	75456	100.0%	2.50E+01	5.0E+01		5.0E-04			
Hexane	110543	100.0%	3.03E+00	2.0E-01		1.5E-02			
m- and/or p-Xylene	108383	92.9%	6.30E+00	1.0E-01		6.3E-02			
Methyl Acetate	79209	62.5%	2.05E+00	3.5E+00		5.9E-04			
Methyl Ethyl Ketone	78933	53.8%	1.64E+01	1.0E+00		1.6E-02			
Methyl tert-Butyl Ether	1634044	53.8%	1.11E+01	3.0E+00		3.7E-03			
Methylcyclohexane	108872	37.5%	2.10E+00	3.0E+00		7.0E-04			
Methylene Chloride	75092	92.9%	3.72E+01	1.0E+00	4.7E-04	3.7E-02		1.7E-05	X
o-Xylene	95476	28.6%	1.50E+00	1.0E-01		1.5E-02			
Styrene	100425	35.7%	7.73E+01	1.0E+00		7.7E-02			
tert-Butylbenzene	98066	12.5%	5.11E-01						
Tetrachloroethylene	127184	14.3%	5.41E-01	2.7E-01	5.9E-03	2.0E-03		3.2E-06	X
Toluene	108883	100.0%	2.03E+02	4.0E-01		5.1E-01	X		
Trichloroethylene	79016	42.9%	7.93E+00	6.0E-01	2.0E-03	1.3E-02		1.6E-05	X
Vinyl Chloride	75014	35.7%	5.27E-01	1.0E-01	8.8E-03	5.3E-03		4.6E-06	X
					Cumulative Risk:	**4.8E+00**		**3.9E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**4.8E+00**		**3.9E-04**	

Table D23. Median Chronic Risk Summary
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	21.4%	0.275						
1,2,4-Trichlorobenzene	120821	14.3%	0.375	2.0E-01		1.9E-03			
1,2,4-Trimethylbenzene	95636	28.6%	0.620						
1,3-Butadiene	106990	69.2%	0.603	2.0E-03	3.0E-02	3.0E-01	X	1.8E-05	X
1,3-Dichloropropane	142289	37.5%	0.235						
1,4-Dichlorobenzene	106467	21.4%	0.305	8.0E-01	1.1E-02	3.8E-04		3.4E-06	X
Acetone	67641	76.9%	15.597	3.1E+01		5.0E-04			
Acrylonitrile	107131	25.0%	0.110	2.0E-03	6.8E-02	5.5E-02		7.5E-06	X
Benzene	71432	100.0%	1.468	6.0E-02	7.8E-03	2.4E-02		1.1E-05	X
Bromoform	75252	15.4%	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	53.8%	0.503	7.0E-01		7.2E-04			
Carbon Tetrachloride	56235	50.0%	0.509	4.0E-02	1.5E-02	1.3E-02		7.6E-06	X
Chloroethane	75003	**7.1%**	0.135	1.0E+01		1.4E-05			
Chloroform	67663	42.9%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	92.9%	1.481	9.0E-02		1.6E-02			
Chloroprene	126998	37.5%	0.455						
Cyclohexane	110827	30.8%	0.175						
Ethylbenzene	100414	42.9%	0.220	1.0E+00		2.2E-04			
Freon 11	75694	100.0%	1.674	1.1E+00		1.6E-03			
Freon 113	76131	14.3%	0.385	1.1E+02		3.7E-06			
Freon 12	75718	100.0%	3.495	7.0E-01		5.0E-03			
Freon 22	75456	100.0%	7.913	5.0E+01		1.6E-04			
Hexane	110543	100.0%	1.175	2.0E-01		5.9E-03			
m- and/or p-Xylene	108383	92.9%	1.338	1.0E-01		1.3E-02			
Methyl Acetate	79209	62.5%	0.337	3.5E+00		9.6E-05			
Methyl Ethyl Ketone	78933	53.8%	0.745	1.0E+00		7.4E-04			
Methyl tert-Butyl Ether	1634044	53.8%	0.874	3.0E+00		2.9E-04			
Methylcyclohexane	108872	37.5%	0.205	3.0E+00		6.8E-05			
Methylene Chloride	75092	92.9%	4.702	1.0E+00	4.7E-04	4.7E-03		2.2E-06	X
o-Xylene	95476	28.6%	0.550	1.0E-01		5.5E-03			
Styrene	100425	35.7%	0.540	1.0E+00		5.4E-04			
tert-Butylbenzene	98066	12.5%	0.275						
Tetrachloroethylene	127184	14.3%	0.345	2.7E-01	5.9E-03	1.3E-03		2.0E-06	X
Toluene	108883	100.0%	6.758	4.0E-01		1.7E-02			
Trichloroethylene	79016	42.9%	0.270	6.0E-01	2.0E-03	4.5E-04		5.4E-07	
Vinyl Chloride	75014	35.7%	0.130	1.0E-01	8.8E-03	1.3E-03		1.1E-06	X
					Cumulative Risk:	**4.8E-01**		**6.0E-05**	
					Cumulative Risk minus <10% Frequency of Detection:	**4.8E-01**		**6.0E-05**	

Table D24. Acute Risk Summary
WLATS Site Number 7 - Park DuValle/Southwick Community Center (U of L Site ID D)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	21.4%	3.53	1.1E+01	3.2E-04	
1,2,4-Trichlorobenzene	120821	14.3%	1.27			
1,2,4-Trimethylbenzene	95636	28.6%	2.48			
1,3-Butadiene	106990	69.2%	6.19	9.2E-01	6.8E-03	
1,3-Dichloropropane	142289	37.5%	1.49			
1,4-Dichlorobenzene	106467	21.4%	6.19	4.8E+00	1.3E-03	
Acetone	67641	76.9%	54.71	6.2E+01	8.8E-04	
Acrylonitrile	107131	25.0%	0.96	2.2E-01	4.4E-03	
Benzene	71432	100.0%	10.58	1.6E-01	6.6E-02	
Bromoform	75252	15.4%	34.88			
Carbon Disulfide	75150	53.8%	107.67	1.6E+00	6.9E-02	
Carbon Tetrachloride	56235	50.0%	1.02	1.3E+00	7.8E-04	
Chloroethane	75003	7.1%	0.56	4.0E+01	1.4E-05	
Chloroform	67663	42.9%	1.48	4.9E-01	3.0E-03	
Chloromethane	74873	92.9%	7.36	1.0E+00	7.4E-03	
Chloroprene	126998	37.5%	2.19			
Cyclohexane	110827	30.8%	2.26			
Ethylbenzene	100414	42.9%	15.22			
Freon 11	75694	100.0%	2.33			
Freon 113	76131	14.3%	1.32			
Freon 12	75718	100.0%	6.40			
Freon 22	75456	100.0%	31.29			
Hexane	110543	100.0%	7.16			
m- and/or p-Xylene	108383	92.9%	11.36	4.3E+00	2.6E-03	
Methyl Acetate	79209	62.5%	2.05			
Methyl Ethyl Ketone	78933	53.8%	16.44	5.4E-01	3.0E-02	
Methyl tert-Butyl Ether	1634044	53.8%	11.11	7.2E+00	1.5E-03	
Methylcyclohexane	108872	37.5%	3.29			
Methylene Chloride	75092	92.9%	37.16	2.1E+00	1.8E-02	
o-Xylene	95476	28.6%	3.60	4.3E+00	8.4E-04	
Styrene	100425	35.7%	77.33	8.8E-01	8.8E-02	
tert-Butylbenzene	98066	12.5%	0.94			
Tetrachloroethylene	127184	14.3%	1.23	1.4E+00	8.8E-04	
Toluene	108883	100.0%	202.92	3.8E+00	5.3E-02	
Trichloroethylene	79016	42.9%	20.45	1.1E+01	1.9E-03	
Vinyl Chloride	75014	35.7%	0.96	1.3E+00	7.3E-04	

Table D25. RME Chronic Risk Summary
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	15.8%	4.79E-01						
1,1,2-Trichloroethane	79005	**5.3%**	4.93E-01	1.4E-02	1.6E-02	3.5E-02		7.9E-06	X
1,1-Dichloroethene	75354	**5.3%**	6.36E-01	2.0E-01		3.2E-03			
1,2,4-Trimethylbenzene	95636	10.5%	1.17E+00						
1,3,5-Trimethylbenzene	108678	**5.3%**	7.01E-01						
1,3-Butadiene	106990	63.2%	3.70E+00	2.0E-03	3.0E-02	1.9E+00	X	1.1E-04	X
1,3-Dichloropropane	142289	12.5%	1.42E+00						
1,4-Dichlorobenzene	106467	10.5%	8.23E-01	8.0E-01	1.1E-02	1.0E-03		9.1E-06	X
Acetone	67641	78.9%	2.94E+01	3.1E+01		9.5E-04			
Acrylonitrile	107131	43.8%	6.18E-01	2.0E-03	6.8E-02	3.1E-01	X	4.2E-05	X
Benzene	71432	94.7%	2.49E+00	6.0E-02	7.8E-03	4.1E-02		1.9E-05	X
Bromoform	75252	**5.3%**	6.43E-01	7.0E-02	1.1E-03	9.2E-03		7.1E-07	
Carbon Disulfide	75150	52.6%	2.50E+01	7.0E-01		3.6E-02			
Carbon Tetrachloride	56235	73.7%	8.94E-01	4.0E-02	1.5E-02	2.2E-02		1.3E-05	X
Chlorobenzene	108907	**5.3%**	2.73E-01	1.0E+00		2.7E-04			
Chloroethane	75003	10.5%	1.82E-01	1.0E+01		1.8E-05			
Chloroform	67663	21.1%	8.64E-01	9.8E-02	2.3E-02	8.8E-03		2.0E-05	X
Chloromethane	74873	100.0%	2.04E+00	9.0E-02		2.3E-02			
Chloroprene	126998	**6.3%**	5.28E-01						
cis-1,2-Dichloroethene	156592	**5.3%**	1.02E+00	3.5E-02		2.9E-02			
Cumene	98828	12.5%	6.28E-01	4.0E-01		1.6E-03			
Cyclohexane	110827	15.8%	6.38E-01						
Ethylbenzene	100414	21.1%	9.14E+00	1.0E+00		9.1E-03			
Freon 11	75694	94.7%	2.41E+00	1.1E+00		2.3E-03			
Freon 113	76131	73.7%	1.07E+00	1.1E+02		1.0E-05			
Freon 12	75718	100.0%	4.08E+00	7.0E-01		5.8E-03			
Freon 22	75456	93.8%	2.08E+01	5.0E+01		4.2E-04			
Hexane	110543	52.6%	8.82E-01	2.0E-01		4.4E-03			
m- and/or p-Xylene	108383	36.8%	4.54E+00	1.0E-01		4.5E-02			
Methyl Acetate	79209	31.3%	1.10E+00	3.5E+00		3.1E-04			
Methyl Ethyl Ketone	78933	42.1%	6.92E+00	1.0E+00		6.9E-03			
Methyl Isobutyl Ketone	108101	**5.3%**	6.71E-01	2.8E-01		2.4E-03			
Methyl tert-Butyl Ether	1634044	36.8%	9.04E-01	3.0E+00		3.0E-04			
Methylcyclohexane	108872	12.5%	6.00E-01	3.0E+00		2.0E-04			
Methylene Chloride	75092	94.7%	3.52E+01	1.0E+00	4.7E-04	3.5E-02		1.7E-05	X
Naphthalene	91203	**6.3%**	1.53E+00	3.0E-03		5.1E-01	X		
o-Xylene	95476	15.8%	3.61E+00	1.0E-01		3.6E-02			
Propylbenzene	103651	**6.3%**	8.06E-01						
Styrene	100425	21.1%	2.62E+01	1.0E+00		2.6E-02			
tert-Butylbenzene	98066	18.8%	6.86E-01						
Tetrachloroethylene	127184	21.1%	2.06E+00	2.7E-01	5.9E-03	7.6E-03		1.2E-05	X
Toluene	108883	94.7%	2.33E+02	4.0E-01		5.8E-01	X		
Trichloroethylene	79016	21.1%	1.48E+00	6.0E-01	2.0E-03	2.5E-03		3.0E-06	X
Vinyl Chloride	75014	**5.3%**	1.80E-01	1.0E-01	8.8E-03	1.8E-03		1.6E-06	X
				Cumulative Risk:		**3.7E+00**		**2.6E-04**	
				Cumulative Risk minus <10% Frequency of Detection:		**3.1E+00**		**2.5E-04**	

Table D26. Median Chronic Risk Summary
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	15.8%	0.275						
1,1,2-Trichloroethane	79005	**5.3%**	0.275	1.4E-02	1.6E-02	2.0E-02		4.4E-06	X
1,1-Dichloroethene	75354	**5.3%**	0.200	2.0E-01		1.0E-03			
1,2,4-Trimethylbenzene	95636	10.5%	0.620						
1,3,5-Trimethylbenzene	108678	**5.3%**	0.620						
1,3-Butadiene	106990	63.2%	0.402	2.0E-03	3.0E-02	2.0E-01	X	1.2E-05	X
1,3-Dichloropropane	142289	12.5%	0.235						
1,4-Dichlorobenzene	106467	10.5%	0.305	8.0E-01	1.1E-02	3.8E-04		3.4E-06	X
Acetone	67641	78.9%	5.135	3.1E+01		1.7E-04			
Acrylonitrile	107131	43.8%	0.110	2.0E-03	6.8E-02	5.5E-02		7.5E-06	X
Benzene	71432	94.7%	0.710	6.0E-02	7.8E-03	1.2E-02		5.5E-06	X
Bromoform	75252	**5.3%**	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	52.6%	0.315	7.0E-01		4.5E-04			
Carbon Tetrachloride	56235	73.7%	0.762	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
Chlorobenzene	108907	**5.3%**	0.235	1.0E+00		2.4E-04			
Chloroethane	75003	10.5%	0.135	1.0E+01		1.4E-05			
Chloroform	67663	21.1%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	100.0%	1.564	9.0E-02		1.7E-02			
Chloroprene	126998	**6.3%**	0.455						
cis-1,2-Dichloroethene	156592	**5.3%**	0.200	3.5E-02		5.7E-03			
Cumene	98828	12.5%	0.250	4.0E-01		6.3E-04			
Cyclohexane	110827	15.8%	0.175						
Ethylbenzene	100414	21.1%	0.220	1.0E+00		2.2E-04			
Freon 11	75694	94.7%	1.816	1.1E+00		1.7E-03			
Freon 113	76131	73.7%	0.852	1.1E+02		8.1E-06			
Freon 12	75718	100.0%	3.470	7.0E-01		5.0E-03			
Freon 22	75456	93.8%	2.911	5.0E+01		5.8E-05			
Hexane	110543	52.6%	0.392	2.0E-01		2.0E-03			
m- and/or p-Xylene	108383	36.8%	0.220	1.0E-01		2.2E-03			
Methyl Acetate	79209	31.3%	0.155	3.5E+00		4.4E-05			
Methyl Ethyl Ketone	78933	42.1%	0.150	1.0E+00		1.5E-04			
Methyl Isobutyl Ketone	108101	**5.3%**	0.515	2.8E-01		1.8E-03			
Methyl tert-Butyl Ether	1634044	36.8%	0.180	3.0E+00		6.0E-05			
Methylcyclohexane	108872	12.5%	0.205	3.0E+00		6.8E-05			
Methylene Chloride	75092	94.7%	0.632	1.0E+00	4.7E-04	6.3E-04		3.0E-07	
Naphthalene	91203	**6.3%**	1.325	3.0E-03		4.4E-01	X		
o-Xylene	95476	15.8%	0.550	1.0E-01		5.5E-03			
Propylbenzene	103651	**6.3%**	0.620						
Styrene	100425	21.1%	0.540	1.0E+00		5.4E-04			
tert-Butylbenzene	98066	18.8%	0.275						
Tetrachloroethylene	127184	21.1%	0.345	2.7E-01	5.9E-03	1.3E-03		2.0E-06	X
Toluene	108883	94.7%	2.475	4.0E-01		6.2E-03			
Trichloroethylene	79016	21.1%	0.270	6.0E-01	2.0E-03	4.5E-04		5.4E-07	
Vinyl Chloride	75014	**5.3%**	0.130	1.0E-01	8.8E-03	1.3E-03		1.1E-06	X
				Cumulative Risk:		**8.1E-01**		**5.4E-05**	
				Cumulative Risk minus <10% Frequency of Detection:		**3.3E-01**		**4.8E-05**	

Table D27. Acute Risk Summary
WLATS Site Number 8 - Farnsley Middle School (U of L Site ID M)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	15.8%	1.71	1.1E+01	1.6E-04	
1,1,2-Trichloroethane	79005	**5.3%**	3.42			
1,1-Dichloroethene	75354	**5.3%**	10.57			
1,2,4-Trimethylbenzene	95636	10.5%	5.02			
1,3,5-Trimethylbenzene	108678	**5.3%**	1.29			
1,3-Butadiene	106990	63.2%	7.02	9.2E-01	7.7E-03	
1,3-Dichloropropane	142289	12.5%	7.00			
1,4-Dichlorobenzene	106467	10.5%	8.38	4.8E+00	1.7E-03	
Acetone	67641	78.9%	110.78	6.2E+01	1.8E-03	
Acrylonitrile	107131	43.8%	1.23	2.2E-01	5.6E-03	
Benzene	71432	94.7%	13.23	1.6E-01	8.3E-02	
Bromoform	75252	**5.3%**	1.67			
Carbon Disulfide	75150	52.6%	53.32	1.6E+00	3.4E-02	
Carbon Tetrachloride	56235	73.7%	1.46	1.3E+00	1.1E-03	
Chlorobenzene	108907	**5.3%**	0.56			
Chloroethane	75003	10.5%	0.43	4.0E+01	1.1E-05	
Chloroform	67663	21.1%	5.03	4.9E-01	1.0E-02	
Chloromethane	74873	100.0%	3.00	1.0E+00	3.0E-03	
Chloroprene	126998	**6.3%**	0.95			
cis-1,2-Dichloroethene	156592	**5.3%**	26.67			
Cumene	98828	12.5%	2.58			
Cyclohexane	110827	15.8%	3.96			
Ethylbenzene	100414	21.1%	39.56			
Freon 11	75694	94.7%	3.69			
Freon 113	76131	73.7%	1.78			
Freon 12	75718	100.0%	7.14			
Freon 22	75456	93.8%	29.36			
Hexane	110543	52.6%	2.78			
m- and/or p-Xylene	108383	36.8%	21.49	4.3E+00	5.0E-03	
Methyl Acetate	79209	31.3%	3.55			
Methyl Ethyl Ketone	78933	42.1%	25.32	5.4E-01	4.7E-02	
Methyl Isobutyl Ketone	108101	**5.3%**	2.07			
Methyl tert-Butyl Ether	1634044	36.8%	2.26	7.2E+00	3.1E-04	
Methylcyclohexane	108872	12.5%	3.89			
Methylene Chloride	75092	94.7%	82.43	2.1E+00	3.9E-02	
Naphthalene	91203	**6.3%**	2.75			
o-Xylene	95476	15.8%	38.34	4.3E+00	8.9E-03	
Propylbenzene	103651	**6.3%**	2.04			
Styrene	100425	21.1%	102.07	8.8E-01	1.2E-01	
tert-Butylbenzene	98066	18.8%	3.83			
Tetrachloroethylene	127184	21.1%	31.51	1.4E+00	2.3E-02	
Toluene	108883	94.7%	346.86	3.8E+00	9.1E-02	
Trichloroethylene	79016	21.1%	4.99	1.1E+01	4.5E-04	
Vinyl Chloride	75014	**5.3%**	0.67	1.3E+00	5.2E-04	

Table D28. RME Chronic Risk Summary
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	18.2%	5.56E-01						
1,1,2-Trichloroethane	79005	**9.1%**	8.64E-01	1.4E-02	1.6E-02	6.2E-02		1.4E-05	X
1,1-Dichloroethene	75354	**9.1%**	2.09E+00	2.0E-01		1.0E-02			
1,2,3-Trichlorobenzene	87616	16.7%	6.24E-01						
1,2,4-Trichlorobenzene	120821	18.2%	6.48E-01	2.0E-01		3.2E-03			
1,3-Butadiene	106990	27.3%	1.08E+00	2.0E-03	3.0E-02	5.4E-01	X	3.2E-05	X
1,4-Dichlorobenzene	106467	**9.1%**	4.25E-01	8.0E-01	1.1E-02	5.3E-04		4.7E-06	X
Acetone	67641	45.5%	1.71E+01	3.1E+01		5.5E-04			
Acrylonitrile	107131	66.7%	4.23E-01	2.0E-03	6.8E-02	2.1E-01	X	2.9E-05	X
Benzene	71432	90.9%	1.11E+00	6.0E-02	7.8E-03	1.8E-02		8.6E-06	X
Bromoform	75252	**9.1%**	2.36E+00	7.0E-02	1.1E-03	3.4E-02		2.6E-06	X
Carbon Disulfide	75150	36.4%	1.31E+01	7.0E-01		1.9E-02			
Carbon Tetrachloride	56235	63.6%	8.63E-01	4.0E-02	1.5E-02	2.2E-02		1.3E-05	X
Chloroform	67663	27.3%	1.81E+00	9.8E-02	2.3E-02	1.8E-02		4.2E-05	X
Chloromethane	74873	100.0%	1.72E+00	9.0E-02		1.9E-02			
cis-1,2-Dichloroethene	156592	**9.1%**	5.91E+00	3.5E-02		1.7E-01	X		
Cyclohexane	110827	18.2%	3.42E-01						
Ethylbenzene	100414	**9.1%**	1.25E+00	1.0E+00		1.2E-03			
Freon 11	75694	100.0%	2.03E+00	1.1E+00		1.9E-03			
Freon 113	76131	18.2%	9.00E-01	1.1E+02		8.6E-06			
Freon 12	75718	100.0%	3.71E+00	7.0E-01		5.3E-03			
Freon 22	75456	100.0%	3.77E+00	5.0E+01		7.5E-05			
Hexane	110543	72.7%	3.51E+00	2.0E-01		1.8E-02			
m- and/or p-Xylene	108383	36.4%	1.62E+00	1.0E-01		1.6E-02			
Methyl Acetate	79209	33.3%	6.83E-01	3.5E+00		2.0E-04			
Methyl Ethyl Ketone	78933	27.3%	2.24E+00	1.0E+00		2.2E-03			
Methyl Isobutyl Ketone	108101	**9.1%**	7.70E-01	2.8E-01		2.7E-03			
Methyl tert-Butyl Ether	1634044	27.3%	3.41E+00	3.0E+00		1.1E-03			
Methylene Chloride	75092	81.8%	1.15E+01	1.0E+00	4.7E-04	1.1E-02		5.4E-06	X
o-Xylene	95476	**9.1%**	7.32E+00	1.0E-01		7.3E-02			
Styrene	100425	18.2%	4.73E+00	1.0E+00		4.7E-03			
Tetrachloroethylene	127184	**9.1%**	6.56E+00	2.7E-01	5.9E-03	2.4E-02		3.9E-05	X
Toluene	108883	90.9%	5.81E+01	4.0E-01		1.5E-01	X		
Trichloroethylene	79016	**9.1%**	8.13E-01	6.0E-01	2.0E-03	1.4E-03		1.6E-06	X
					Cumulative Risk:	**1.4E+00**		**1.9E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.1E+00**		**1.3E-04**	

Table D29. Median Chronic Risk Summary
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	18.2%	0.275						
1,1,2-Trichloroethane	79005	**9.1%**	0.275	1.4E-02	1.6E-02	2.0E-02		4.4E-06	X
1,1-Dichloroethene	75354	**9.1%**	0.200	2.0E-01		1.0E-03			
1,2,3-Trichlorobenzene	87616	16.7%	0.375						
1,2,4-Trichlorobenzene	120821	18.2%	0.375	2.0E-01		1.9E-03			
1,3-Butadiene	106990	27.3%	0.110	2.0E-03	3.0E-02	5.5E-02		3.3E-06	X
1,4-Dichlorobenzene	106467	**9.1%**	0.305	8.0E-01	1.1E-02	3.8E-04		3.4E-06	X
Acetone	67641	45.5%	1.200	3.1E+01		3.9E-05			
Acrylonitrile	107131	66.7%	0.274	2.0E-03	6.8E-02	1.4E-01	X	1.9E-05	X
Benzene	71432	90.9%	0.774	6.0E-02	7.8E-03	1.3E-02		6.0E-06	X
Bromoform	75252	**9.1%**	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	36.4%	0.155	7.0E-01		2.2E-04			
Carbon Tetrachloride	56235	63.6%	0.699	4.0E-02	1.5E-02	1.7E-02		1.0E-05	X
Chloroform	67663	27.3%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	100.0%	1.481	9.0E-02		1.6E-02			
cis-1,2-Dichloroethene	156592	**9.1%**	0.200	3.5E-02		5.7E-03			
Cyclohexane	110827	18.2%	0.175						
Ethylbenzene	100414	**9.1%**	0.220	1.0E+00		2.2E-04			
Freon 11	75694	100.0%	1.816	1.1E+00		1.7E-03			
Freon 113	76131	18.2%	0.385	1.1E+02		3.7E-06			
Freon 12	75718	100.0%	3.470	7.0E-01		5.0E-03			
Freon 22	75456	100.0%	2.679	5.0E+01		5.4E-05			
Hexane	110543	72.7%	0.641	2.0E-01		3.2E-03			
m- and/or p-Xylene	108383	36.4%	0.220	1.0E-01		2.2E-03			
Methyl Acetate	79209	33.3%	0.155	3.5E+00		4.4E-05			
Methyl Ethyl Ketone	78933	27.3%	0.150	1.0E+00		1.5E-04			
Methyl Isobutyl Ketone	108101	**9.1%**	0.515	2.8E-01		1.8E-03			
Methyl tert-Butyl Ether	1634044	27.3%	0.180	3.0E+00		6.0E-05			
Methylene Chloride	75092	81.8%	0.597	1.0E+00	4.7E-04	6.0E-04		2.8E-07	
o-Xylene	95476	**9.1%**	0.550	1.0E-01		5.5E-03			
Styrene	100425	18.2%	0.540	1.0E+00		5.4E-04			
Tetrachloroethylene	127184	**9.1%**	0.345	2.7E-01	5.9E-03	1.3E-03		2.0E-06	X
Toluene	108883	90.9%	3.236	4.0E-01		8.1E-03			
Trichloroethylene	79016	**9.1%**	0.270	6.0E-01	2.0E-03	4.5E-04		5.4E-07	
					Cumulative Risk:	**3.1E-01**		**5.5E-05**	
					Cumulative Risk minus <10% Frequency of Detection:	**2.7E-01**		**4.4E-05**	

Table D30. Acute Risk Summary
WLATS Site Number 9 - Chickasaw Park (U of L Site ID I)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	18.2%	1.16	1.1E+01	1.1E-04	
1,1,2-Trichloroethane	79005	**9.1%**	3.47			
1,1-Dichloroethene	75354	**9.1%**	10.45			
1,2,3-Trichlorobenzene	87616	16.7%	0.82			
1,2,4-Trichlorobenzene	120821	18.2%	1.12			
1,3-Butadiene	106990	27.3%	4.40	9.2E-01	4.8E-03	
1,4-Dichlorobenzene	106467	**9.1%**	0.85	4.8E+00	1.8E-04	
Acetone	67641	45.5%	40.74	6.2E+01	6.6E-04	
Acrylonitrile	107131	66.7%	0.59	2.2E-01	2.7E-03	
Benzene	71432	90.9%	1.87	1.6E-01	1.2E-02	
Bromoform	75252	**9.1%**	10.76			
Carbon Disulfide	75150	36.4%	13.84	1.6E+00	8.9E-03	
Carbon Tetrachloride	56235	63.6%	1.02	1.3E+00	7.8E-04	
Chloroform	67663	27.3%	4.69	4.9E-01	9.6E-03	
Chloromethane	74873	100.0%	2.29	1.0E+00	2.3E-03	
cis-1,2-Dichloroethene	156592	**9.1%**	26.59			
Cyclohexane	110827	18.2%	0.80			
Ethylbenzene	100414	**9.1%**	5.97			
Freon 11	75694	100.0%	2.61			
Freon 113	76131	18.2%	1.94			
Freon 12	75718	100.0%	4.21			
Freon 22	75456	100.0%	4.36			
Hexane	110543	72.7%	4.81			
m- and/or p-Xylene	108383	36.4%	2.54	4.3E+00	5.9E-04	
Methyl Acetate	79209	33.3%	0.73			
Methyl Ethyl Ketone	78933	27.3%	6.61	5.4E-01	1.2E-02	
Methyl Isobutyl Ketone	108101	**9.1%**	1.70			
Methyl tert-Butyl Ether	1634044	27.3%	4.84	7.2E+00	6.7E-04	
Methylene Chloride	75092	81.8%	11.47	2.1E+00	5.5E-03	
o-Xylene	95476	**9.1%**	36.32	4.3E+00	8.4E-03	
Styrene	100425	18.2%	19.79	8.8E-01	2.3E-02	
Tetrachloroethylene	127184	**9.1%**	31.51	1.4E+00	2.3E-02	
Toluene	108883	90.9%	63.58	3.8E+00	1.7E-02	
Trichloroethylene	79016	**9.1%**	3.20	1.1E+01	2.9E-04	

Table D31. RME Chronic Risk Summary
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	13.3%	1.30E+00						
1,2,4-Trimethylbenzene	95636	13.3%	1.03E+00						
1,3-Butadiene	106990	53.3%	1.67E+00	2.0E-03	3.0E-02	8.4E-01	X	5.0E-05	X
Acetone	67641	93.3%	4.49E+01	3.1E+01		1.4E-03			
Acrylonitrile	107131	16.7%	3.53E-01	2.0E-03	6.8E-02	1.8E-01	X	2.4E-05	X
Benzene	71432	100.0%	1.77E+00	6.0E-02	7.8E-03	2.9E-02		1.4E-05	X
Bromoform	75252	**6.7%**	1.75E+00	7.0E-02	1.1E-03	2.5E-02		1.9E-06	X
Carbon Disulfide	75150	60.0%	6.94E+00	7.0E-01		9.9E-03			
Carbon Tetrachloride	56235	80.0%	8.50E-01	4.0E-02	1.5E-02	2.1E-02		1.3E-05	X
Chloroform	67663	40.0%	1.02E+00	9.8E-02	2.3E-02	1.0E-02		2.3E-05	X
Chloromethane	74873	100.0%	1.66E+00	9.0E-02		1.8E-02			
Chloroprene	126998	41.7%	2.33E+00						
Cyclohexane	110827	**6.7%**	2.53E-01						
Ethylbenzene	100414	26.7%	1.43E+00	1.0E+00		1.4E-03			
Freon 11	75694	100.0%	1.93E+00	1.1E+00		1.8E-03			
Freon 113	76131	53.3%	1.07E+00	1.1E+02		1.0E-05			
Freon 114	76142	**6.7%**	9.97E-01						
Freon 12	75718	100.0%	3.97E+00	7.0E-01		5.7E-03			
Freon 22	75456	100.0%	5.25E+01	5.0E+01		1.1E-03			
Hexane	110543	80.0%	2.40E+00	2.0E-01		1.2E-02			
m- and/or p-Xylene	108383	86.7%	2.71E+00	1.0E-01		2.7E-02			
Methyl Acetate	79209	50.0%	6.26E-01	3.5E+00		1.8E-04			
Methyl Ethyl Ketone	78933	40.0%	2.77E+00	1.0E+00		2.8E-03			
Methyl tert-Butyl Ether	1634044	46.7%	4.26E+00	3.0E+00		1.4E-03			
Methylene Chloride	75092	86.7%	7.30E+00	1.0E+00	4.7E-04	7.3E-03		3.4E-06	X
o-Xylene	95476	**6.7%**	7.92E-01	1.0E-01		7.9E-03			
Styrene	100425	**6.7%**	3.33E+00	1.0E+00		3.3E-03			
Toluene	108883	100.0%	4.99E+01	4.0E-01		1.2E-01	X		
Trichloroethylene	79016	**6.7%**	9.57E-01	6.0E-01	2.0E-03	1.6E-03		1.9E-06	X
Vinyl Chloride	75014	**6.7%**	2.28E-01	1.0E-01	8.8E-03	2.3E-03		2.0E-06	X
					Cumulative Risk:	**1.3E+00**		**1.3E-04**	
					Cumulative Risk minus <10% Frequency of Detection:	**1.3E+00**		**1.3E-04**	

Table D32. Median Chronic Risk Summary
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	13.3%	0.275						
1,2,4-Trimethylbenzene	95636	13.3%	0.620						
1,3-Butadiene	106990	53.3%	0.380	2.0E-03	3.0E-02	1.9E-01	X	1.1E-05	X
Acetone	67641	93.3%	8.638	3.1E+01		2.8E-04			
Acrylonitrile	107131	16.7%	0.110	2.0E-03	6.8E-02	5.5E-02		7.5E-06	X
Benzene	71432	100.0%	1.162	6.0E-02	7.8E-03	1.9E-02		9.1E-06	X
Bromoform	75252	**6.7%**	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	60.0%	0.566	7.0E-01		8.1E-04			
Carbon Tetrachloride	56235	80.0%	0.762	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
Chloroform	67663	40.0%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	100.0%	1.418	9.0E-02		1.6E-02			
Chloroprene	126998	41.7%	0.455						
Cyclohexane	110827	**6.7%**	0.175						
Ethylbenzene	100414	26.7%	0.220	1.0E+00		2.2E-04			
Freon 11	75694	100.0%	1.759	1.1E+00		1.7E-03			
Freon 113	76131	53.3%	0.774	1.1E+02		7.4E-06			
Freon 114	76142	**6.7%**	0.355						
Freon 12	75718	100.0%	3.569	7.0E-01		5.1E-03			
Freon 22	75456	100.0%	5.841	5.0E+01		1.2E-04			
Hexane	110543	80.0%	0.819	2.0E-01		4.1E-03			
m- and/or p-Xylene	108383	86.7%	0.702	1.0E-01		7.0E-03			
Methyl Acetate	79209	50.0%	0.246	3.5E+00		7.0E-05			
Methyl Ethyl Ketone	78933	40.0%	0.150	1.0E+00		1.5E-04			
Methyl tert-Butyl Ether	1634044	46.7%	0.180	3.0E+00		6.0E-05			
Methylene Chloride	75092	86.7%	0.597	1.0E+00	4.7E-04	6.0E-04		2.8E-07	
o-Xylene	95476	**6.7%**	0.550	1.0E-01		5.5E-03			
Styrene	100425	**6.7%**	0.540	1.0E+00		5.4E-04			
Toluene	108883	100.0%	4.835	4.0E-01		1.2E-02			
Trichloroethylene	79016	**6.7%**	0.270	6.0E-01	2.0E-03	4.5E-04		5.4E-07	
Vinyl Chloride	75014	**6.7%**	0.130	1.0E-01	8.8E-03	1.3E-03		1.1E-06	X
				Cumulative Risk:		**3.5E-01**		**4.8E-05**	
				Cumulative Risk minus <10% Frequency of Detection:		**3.3E-01**		**4.5E-05**	

Table D33. Acute Risk Summary
WLATS Site Number 10 - New Lake Dreamland Fire Department (U of L Site ID K)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	13.3%	12.35	1.1E+01	1.1E-03	
1,2,4-Trimethylbenzene	95636	13.3%	3.08			
1,3-Butadiene	106990	53.3%	2.08	9.2E-01	2.3E-03	
Acetone	67641	93.3%	116.93	6.2E+01	1.9E-03	
Acrylonitrile	107131	16.7%	0.77	2.2E-01	3.5E-03	
Benzene	71432	100.0%	2.94	1.6E-01	1.8E-02	
Bromoform	75252	**6.7%**	15.56			
Carbon Disulfide	75150	60.0%	28.44	1.6E+00	1.8E-02	
Carbon Tetrachloride	56235	80.0%	1.08	1.3E+00	8.3E-04	
Chloroform	67663	40.0%	1.63	4.9E-01	3.3E-03	
Chloromethane	74873	100.0%	2.07	1.0E+00	2.1E-03	
Chloroprene	126998	41.7%	2.93			
Cyclohexane	110827	**6.7%**	0.76			
Ethylbenzene	100414	26.7%	13.47			
Freon 11	75694	100.0%	2.21			
Freon 113	76131	53.3%	1.39			
Freon 114	76142	**6.7%**	7.63			
Freon 12	75718	100.0%	4.66			
Freon 22	75456	100.0%	79.88			
Hexane	110543	80.0%	3.56			
m- and/or p-Xylene	108383	86.7%	6.23	4.3E+00	1.4E-03	
Methyl Acetate	79209	50.0%	1.35			
Methyl Ethyl Ketone	78933	40.0%	5.72	5.4E-01	1.1E-02	
Methyl tert-Butyl Ether	1634044	46.7%	9.07	7.2E+00	1.3E-03	
Methylene Chloride	75092	86.7%	30.56	2.1E+00	1.5E-02	
o-Xylene	95476	**6.7%**	2.37	4.3E+00	5.5E-04	
Styrene	100425	**6.7%**	42.64	8.8E-01	4.9E-02	
Toluene	108883	100.0%	132.94	3.8E+00	3.5E-02	
Trichloroethylene	79016	**6.7%**	8.90	1.1E+01	8.1E-04	
Vinyl Chloride	75014	**6.7%**	0.98	1.3E+00	7.5E-04	

Table D34. RME Chronic Risk Summary
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	11.1%	1.38E+00						
1,2,4-Trimethylbenzene	95636	11.1%	8.40E-01						
1,3-Butadiene	106990	27.8%	1.95E+00	2.0E-03	3.0E-02	9.7E-01	X	5.8E-05	X
1,3-Dichloropropane	142289	**7.1%**	4.18E-01						
1,4-Dichlorobenzene	106467	22.2%	6.04E-01	8.0E-01	1.1E-02	7.6E-04		6.6E-06	X
Acetone	67641	88.9%	2.24E+01	3.1E+01		7.2E-04			
Acrylonitrile	107131	21.4%	3.35E-01	2.0E-03	6.8E-02	1.7E-01	X	2.3E-05	X
Benzene	71432	94.4%	1.44E+00	6.0E-02	7.8E-03	2.4E-02		1.1E-05	X
Bromoform	75252	**5.6%**	1.30E+00	7.0E-02	1.1E-03	1.9E-02		1.4E-06	X
Carbon Disulfide	75150	55.6%	6.36E+00	7.0E-01		9.1E-03			
Carbon Tetrachloride	56235	77.8%	9.32E-01	4.0E-02	1.5E-02	2.3E-02		1.4E-05	X
Chloroform	67663	22.2%	8.16E-01	9.8E-02	2.3E-02	8.3E-03		1.9E-05	X
Chloromethane	74873	100.0%	1.80E+00	9.0E-02		2.0E-02			
Chloroprene	126998	21.4%	1.41E+00						
Cyclohexane	110827	11.1%	3.20E-01						
Ethylbenzene	100414	16.7%	1.12E+00	1.0E+00		1.1E-03			
Freon 11	75694	100.0%	2.23E+00	1.1E+00		2.1E-03			
Freon 113	76131	61.1%	1.18E+00	1.1E+02		1.1E-05			
Freon 12	75718	100.0%	4.31E+00	7.0E-01		6.2E-03			
Freon 22	75456	100.0%	1.36E+02	5.0E+01		2.7E-03			
Hexane	110543	72.2%	1.73E+00	2.0E-01		8.7E-03			
m- and/or p-Xylene	108383	33.3%	1.90E+00	1.0E-01		1.9E-02			
Methyl Acetate	79209	57.1%	8.25E-01	3.5E+00		2.4E-04			
Methyl Ethyl Ketone	78933	38.9%	1.42E+00	1.0E+00		1.4E-03			
Methyl tert-Butyl Ether	1634044	16.7%	3.46E-01	3.0E+00		1.2E-04			
Methylene Chloride	75092	83.3%	1.13E+01	1.0E+00	4.7E-04	1.1E-02		5.3E-06	X
o-Xylene	95476	11.1%	7.36E-01	1.0E-01		7.4E-03			
Styrene	100425	11.1%	4.84E+00	1.0E+00		4.8E-03			
Toluene	108883	100.0%	4.19E+01	4.0E-01		1.0E-01	X		
Trichloroethylene	79016	11.1%	1.54E+00	6.0E-01	2.0E-03	2.6E-03		3.1E-06	X
				Cumulative Risk:		**1.4E+00**		**1.4E-04**	
				Cumulative Risk minus <10% Frequency of Detection:		**1.4E+00**		**1.4E-04**	

Table D35. Median Chronic Risk Summary
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	11.1%	0.275						
1,2,4-Trimethylbenzene	95636	11.1%	0.620						
1,3-Butadiene	106990	27.8%	0.110	2.0E-03	3.0E-02	5.5E-02		3.3E-06	X
1,3-Dichloropropane	142289	**7.1%**	0.235						
1,4-Dichlorobenzene	106467	22.2%	0.305	8.0E-01	1.1E-02	3.8E-04		3.4E-06	X
Acetone	67641	88.9%	7.174	3.1E+01		2.3E-04			
Acrylonitrile	107131	21.4%	0.110	2.0E-03	6.8E-02	5.5E-02		7.5E-06	X
Benzene	71432	94.4%	0.774	6.0E-02	7.8E-03	1.3E-02		6.0E-06	X
Bromoform	75252	**5.6%**	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	55.6%	0.456	7.0E-01		6.5E-04			
Carbon Tetrachloride	56235	77.8%	0.762	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
Chloroform	67663	22.2%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	100.0%	1.471	9.0E-02		1.6E-02			
Chloroprene	126998	21.4%	0.455						
Cyclohexane	110827	11.1%	0.175						
Ethylbenzene	100414	16.7%	0.220	1.0E+00		2.2E-04			
Freon 11	75694	100.0%	1.873	1.1E+00		1.8E-03			
Freon 113	76131	61.1%	0.929	1.1E+02		8.8E-06			
Freon 12	75718	100.0%	3.619	7.0E-01		5.2E-03			
Freon 22	75456	100.0%	8.717	5.0E+01		1.7E-04			
Hexane	110543	72.2%	0.445	2.0E-01		2.2E-03			
m- and/or p-Xylene	108383	33.3%	0.220	1.0E-01		2.2E-03			
Methyl Acetate	79209	57.1%	0.383	3.5E+00		1.1E-04			
Methyl Ethyl Ketone	78933	38.9%	0.150	1.0E+00		1.5E-04			
Methyl tert-Butyl Ether	1634044	16.7%	0.180	3.0E+00		6.0E-05			
Methylene Chloride	75092	83.3%	0.579	1.0E+00	4.7E-04	5.8E-04		2.7E-07	
o-Xylene	95476	11.1%	0.550	1.0E-01		5.5E-03			
Styrene	100425	11.1%	0.540	1.0E+00		5.4E-04			
Toluene	108883	100.0%	1.904	4.0E-01		4.8E-03			
Trichloroethylene	79016	11.1%	0.270	6.0E-01	2.0E-03	4.5E-04		5.4E-07	
				Cumulative Risk:		**1.9E-01**		**3.9E-05**	
				Cumulative Risk minus <10% Frequency of Detection:		**1.9E-01**		**3.8E-05**	

Table D36. Acute Risk Summary
WLATS Site Number 11 - M.L. King Elementary School (U of L Site ID N)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	11.1%	26.29	1.1E+01	2.4E-03	
1,2,4-Trimethylbenzene	95636	11.1%	2.04			
1,3-Butadiene	106990	27.8%	3.98	9.2E-01	4.3E-03	
1,3-Dichloropropane	142289	**7.1%**	1.63			
1,4-Dichlorobenzene	106467	22.2%	1.34	4.8E+00	2.8E-04	
Acetone	67641	88.9%	48.97	6.2E+01	7.9E-04	
Acrylonitrile	107131	21.4%	0.88	2.2E-01	4.0E-03	
Benzene	71432	94.4%	3.16	1.6E-01	2.0E-02	
Bromoform	75252	**5.6%**	13.78			
Carbon Disulfide	75150	55.6%	17.27	1.6E+00	1.1E-02	
Carbon Tetrachloride	56235	77.8%	1.72	1.3E+00	1.3E-03	
Chloroform	67663	22.2%	1.87	4.9E-01	3.8E-03	
Chloromethane	74873	100.0%	2.88	1.0E+00	2.9E-03	
Chloroprene	126998	21.4%	6.66			
Cyclohexane	110827	11.1%	1.04			
Ethylbenzene	100414	16.7%	5.26			
Freon 11	75694	100.0%	4.65			
Freon 113	76131	61.1%	2.09			
Freon 12	75718	100.0%	8.13			
Freon 22	75456	100.0%	311.05			
Hexane	110543	72.2%	7.26			
m- and/or p-Xylene	108383	33.3%	5.00	4.3E+00	1.2E-03	
Methyl Acetate	79209	57.1%	2.05			
Methyl Ethyl Ketone	78933	38.9%	4.26	5.4E-01	7.9E-03	
Methyl tert-Butyl Ether	1634044	16.7%	0.95	7.2E+00	1.3E-04	
Methylene Chloride	75092	83.3%	29.34	2.1E+00	1.4E-02	
o-Xylene	95476	11.1%	1.54	4.3E+00	3.6E-04	
Styrene	100425	11.1%	29.35	8.8E-01	3.4E-02	
Toluene	108883	100.0%	121.75	3.8E+00	3.2E-02	
Trichloroethylene	79016	11.1%	11.34	1.1E+01	1.0E-03	

Table D37. RME Chronic Risk Summary
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

COMPOUND	CAS NUMBER	% DETECT	RME (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	RME NonCancer Risk	HQ 0.1	RME Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	**4.8%**	3.20E-01						
1,2,4-Trichlorobenzene	120821	**4.8%**	4.64E-01	2.0E-01		2.3E-03			
1,3-Butadiene	106990	81.0%	1.79E+00	2.0E-03	3.0E-02	8.9E-01	X	5.4E-05	X
1,4-Dichlorobenzene	106467	14.3%	5.69E-01	8.0E-01	1.1E-02	7.1E-04		6.3E-06	X
Acetone	67641	85.7%	1.04E+01	3.1E+01		3.3E-04			
Acrylonitrile	107131	53.3%	6.06E-01	2.0E-03	6.8E-02	3.0E-01	X	4.1E-05	X
Benzene	71432	100.0%	1.39E+00	6.0E-02	7.8E-03	2.3E-02		1.1E-05	X
Bromoform	75252	**4.8%**	9.58E-01	7.0E-02	1.1E-03	1.4E-02		1.1E-06	X
Carbon Disulfide	75150	42.9%	1.38E+00	7.0E-01		2.0E-03			
Carbon Tetrachloride	56235	66.7%	7.94E-01	4.0E-02	1.5E-02	2.0E-02		1.2E-05	X
Chloroform	67663	19.0%	4.35E-01	9.8E-02	2.3E-02	4.4E-03		1.0E-05	X
Chloromethane	74873	100.0%	1.80E+00	9.0E-02		2.0E-02			
Chloroprene	126998	20.0%	8.66E-01						
Ethylbenzene	100414	**9.5%**	3.08E-01	1.0E+00		3.1E-04			
Freon 11	75694	100.0%	2.10E+00	1.1E+00		2.0E-03			
Freon 113	76131	61.9%	9.13E-01	1.1E+02		8.7E-06			
Freon 12	75718	100.0%	4.22E+00	7.0E-01		6.0E-03			
Freon 22	75456	100.0%	4.74E+01	5.0E+01		9.5E-04			
Hexane	110543	76.2%	1.57E+00	2.0E-01		7.8E-03			
m- and/or p-Xylene	108383	81.0%	1.58E+00	1.0E-01		1.6E-02			
Methyl Acetate	79209	46.7%	4.23E-01	3.5E+00		1.2E-04			
Methyl Ethyl Ketone	78933	42.9%	1.24E+00	1.0E+00		1.2E-03			
Methyl tert-Butyl Ether	1634044	47.6%	4.20E+00	3.0E+00		1.4E-03			
Methylene Chloride	75092	100.0%	4.29E+00	1.0E+00	4.7E-04	4.3E-03		2.0E-06	X
Styrene	100425	**4.8%**	6.18E-01	1.0E+00		6.2E-04			
Tetrachloroethylene	127184	**9.5%**	4.52E-01	2.7E-01	5.9E-03	1.7E-03		2.7E-06	X
Toluene	108883	100.0%	1.32E+01	4.0E-01		3.3E-02			
Vinyl Chloride	75014	**9.5%**	2.56E-01	1.0E-01	8.8E-03	2.6E-03		2.3E-06	X
				Cumulative Risk:		**1.4E+00**		**1.4E-04**	
				Cumulative Risk minus <10% Frequency of Detection:		**1.3E+00**		**1.4E-04**	

Table D38. Median Chronic Risk Summary
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

COMPOUND	CAS NUMBER	% DETECT	MEDIAN CONC (ug/m3)	Inh RfC (mg/m3)	Inh URE 1/(mg/m3)	Median NonCancer Risk	HQ 0.1	Median Cancer Risk	CR 10^{-6}
1,1,1-Trichloroethane	71556	**4.8%**	0.275						
1,2,4-Trichlorobenzene	120821	**4.8%**	0.375	2.0E-01		1.9E-03			
1,3-Butadiene	106990	81.0%	0.603	2.0E-03	3.0E-02	3.0E-01	X	1.8E-05	X
1,4-Dichlorobenzene	106467	14.3%	0.305	8.0E-01	1.1E-02	3.8E-04		3.4E-06	X
Acetone	67641	85.7%	7.606	3.1E+01		2.5E-04			
Acrylonitrile	107131	53.3%	0.241	2.0E-03	6.8E-02	1.2E-01	X	1.6E-05	X
Benzene	71432	100.0%	0.936	6.0E-02	7.8E-03	1.6E-02		7.3E-06	X
Bromoform	75252	**4.8%**	0.520	7.0E-02	1.1E-03	7.4E-03		5.7E-07	
Carbon Disulfide	75150	42.9%	0.155	7.0E-01		2.2E-04			
Carbon Tetrachloride	56235	66.7%	0.762	4.0E-02	1.5E-02	1.9E-02		1.1E-05	X
Chloroform	67663	19.0%	0.245	9.8E-02	2.3E-02	2.5E-03		5.6E-06	X
Chloromethane	74873	100.0%	1.356	9.0E-02		1.5E-02			
Chloroprene	126998	20.0%	0.455						
Ethylbenzene	100414	**9.5%**	0.220	1.0E+00		2.2E-04			
Freon 11	75694	100.0%	1.873	1.1E+00		1.8E-03			
Freon 113	76131	61.9%	0.774	1.1E+02		7.4E-06			
Freon 12	75718	100.0%	3.619	7.0E-01		5.2E-03			
Freon 22	75456	100.0%	6.537	5.0E+01		1.3E-04			
Hexane	110543	76.2%	0.676	2.0E-01		3.4E-03			
m- and/or p-Xylene	108383	81.0%	0.746	1.0E-01		7.5E-03			
Methyl Acetate	79209	46.7%	0.155	3.5E+00		4.4E-05			
Methyl Ethyl Ketone	78933	42.9%	0.150	1.0E+00		1.5E-04			
Methyl tert-Butyl Ether	1634044	47.6%	0.180	3.0E+00		6.0E-05			
Methylene Chloride	75092	100.0%	1.088	1.0E+00	4.7E-04	1.1E-03		5.1E-07	
Styrene	100425	**4.8%**	0.540	1.0E+00		5.4E-04			
Tetrachloroethylene	127184	**9.5%**	0.345	2.7E-01	5.9E-03	1.3E-03		2.0E-06	X
Toluene	108883	100.0%	3.731	4.0E-01		9.3E-03			
Vinyl Chloride	75014	**9.5%**	0.130	1.0E-01	8.8E-03	1.3E-03		1.1E-06	X
					Cumulative Risk:	**5.2E-01**		**6.6E-05**	
					Cumulative Risk minus <10% Frequency of Detection:	**5.0E-01**		**6.3E-05**	

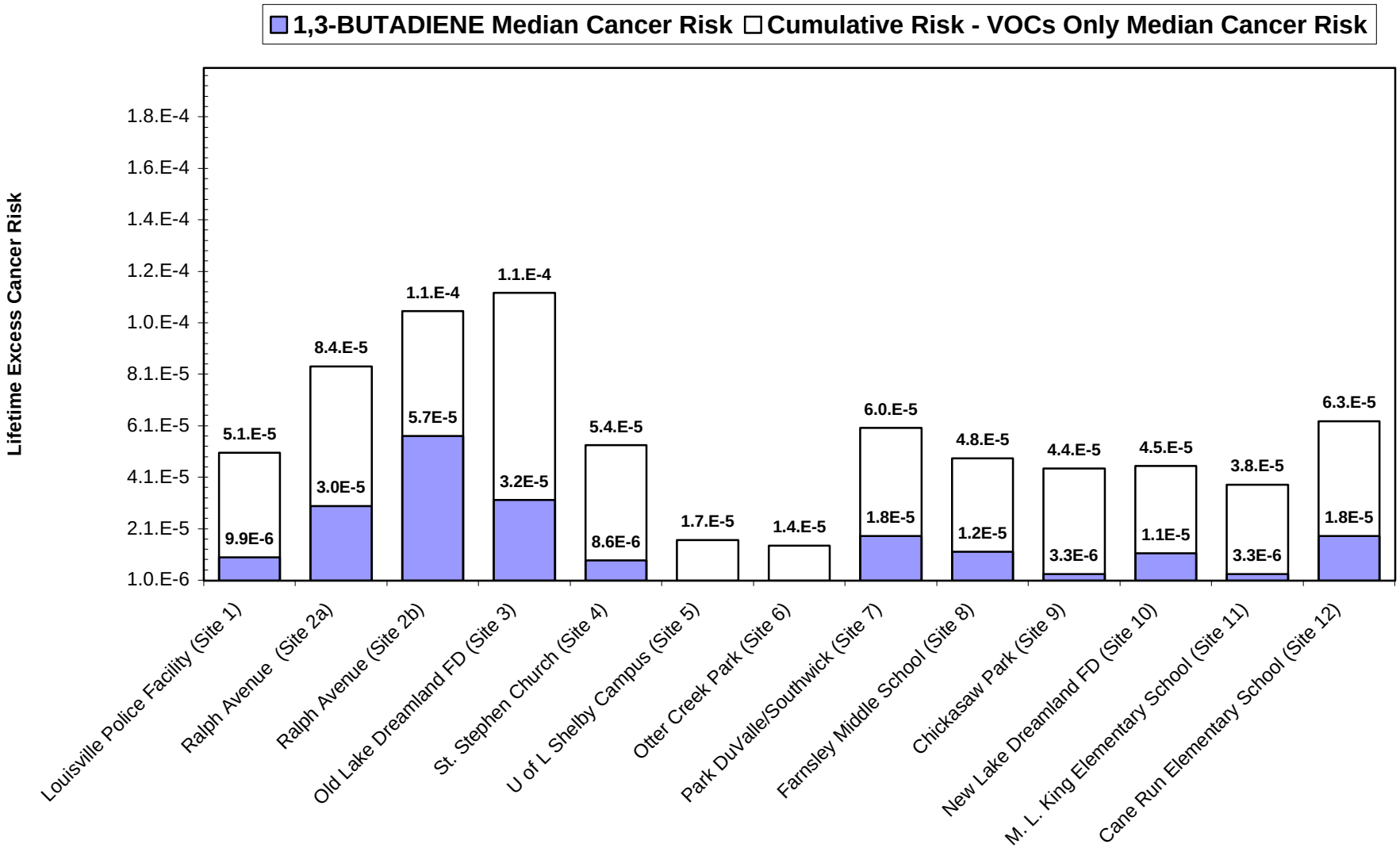
Table D39. Acute Risk Summary
WLATS Site Number 12 - Cane Run Elementary School (U of L Site ID F)

COMPOUND	CAS NUMBER	% DETECT	MAX CONC (ug/m3)	Acute RfC (mg/m3)	Max Acute Risk	AR 1
1,1,1-Trichloroethane	71556	**4.8%**	0.72	1.1E+01	6.5E-05	
1,2,4-Trichlorobenzene	120821	**4.8%**	1.35			
1,3-Butadiene	106990	81.0%	2.32	9.2E-01	2.5E-03	
1,4-Dichlorobenzene	106467	14.3%	2.19	4.8E+00	4.6E-04	
Acetone	67641	85.7%	20.06	6.2E+01	3.2E-04	
Acrylonitrile	107131	53.3%	1.10	2.2E-01	5.0E-03	
Benzene	71432	100.0%	3.03	1.6E-01	1.9E-02	
Bromoform	75252	**4.8%**	8.67			
Carbon Disulfide	75150	42.9%	3.87	1.6E+00	2.5E-03	
Carbon Tetrachloride	56235	66.7%	1.02	1.3E+00	7.8E-04	
Chloroform	67663	19.0%	0.94	4.9E-01	1.9E-03	
Chloromethane	74873	100.0%	3.32	1.0E+00	3.3E-03	
Chloroprene	126998	20.0%	1.90			
Ethylbenzene	100414	**9.5%**	0.88			
Freon 11	75694	100.0%	3.01			
Freon 113	76131	61.9%	1.39			
Freon 12	75718	100.0%	5.70			
Freon 22	75456	100.0%	140.07			
Hexane	110543	76.2%	2.49			
m- and/or p-Xylene	108383	81.0%	4.12	4.3E+00	9.6E-04	
Methyl Acetate	79209	46.7%	0.73			
Methyl Ethyl Ketone	78933	42.9%	2.71	5.4E-01	5.0E-03	
Methyl tert-Butyl Ether	1634044	47.6%	7.32	7.2E+00	1.0E-03	
Methylene Chloride	75092	100.0%	7.51	2.1E+00	3.6E-03	
Styrene	100425	**4.8%**	1.29	8.8E-01	1.5E-03	
Tetrachloroethylene	127184	**9.5%**	0.96	1.4E+00	6.9E-04	
Toluene	108883	100.0%	36.17	3.8E+00	9.5E-03	
Vinyl Chloride	75014	**9.5%**	1.29	1.3E+00	9.9E-04	

APPENDIX E

Graphs of Risk Estimates for Risk Drivers

West Louisville Air Toxics Study: Graphical Display of COPC Contribution toTotal Cancer Risk at Each Monitor for Risk Drivers in WLATS Network



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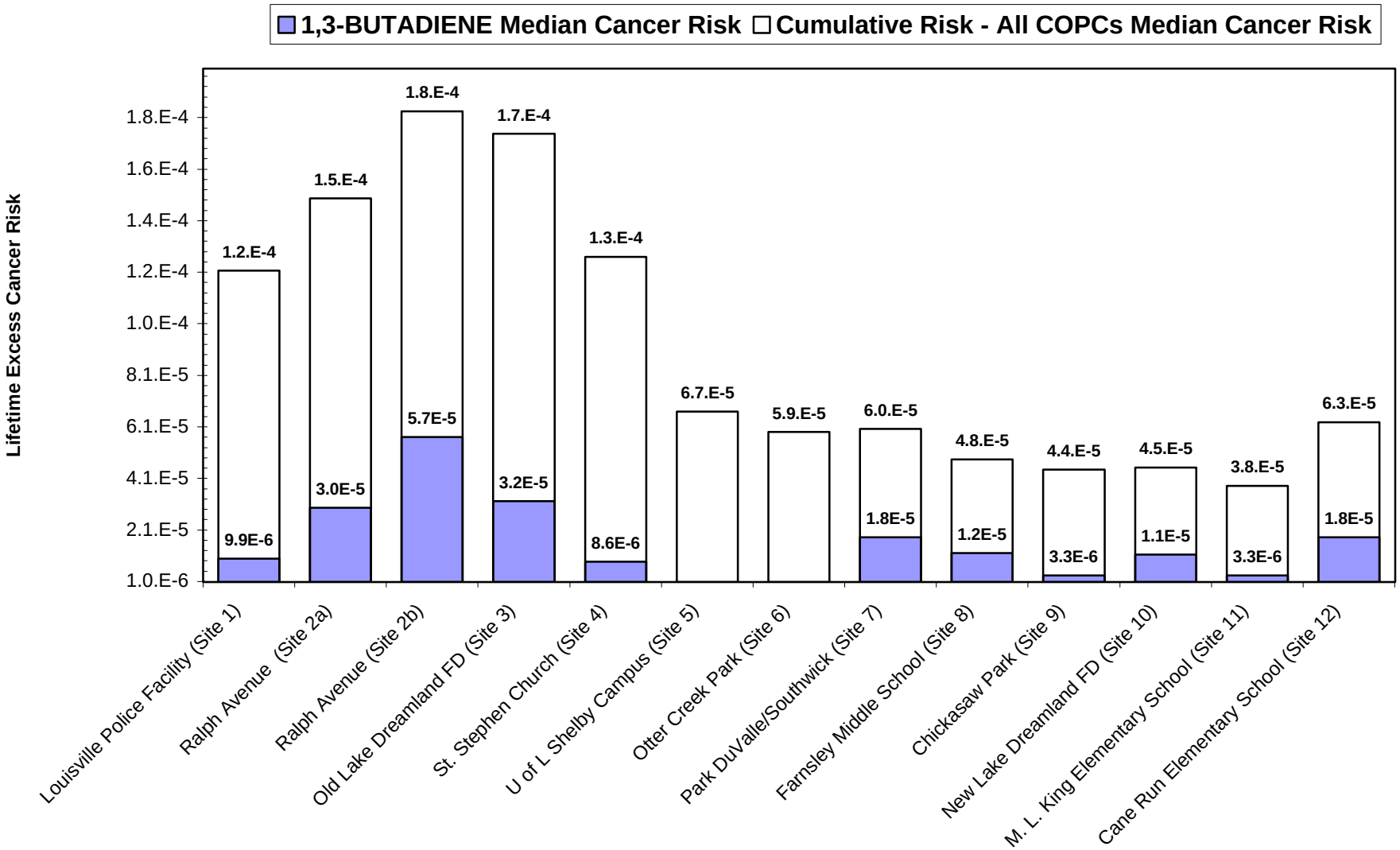

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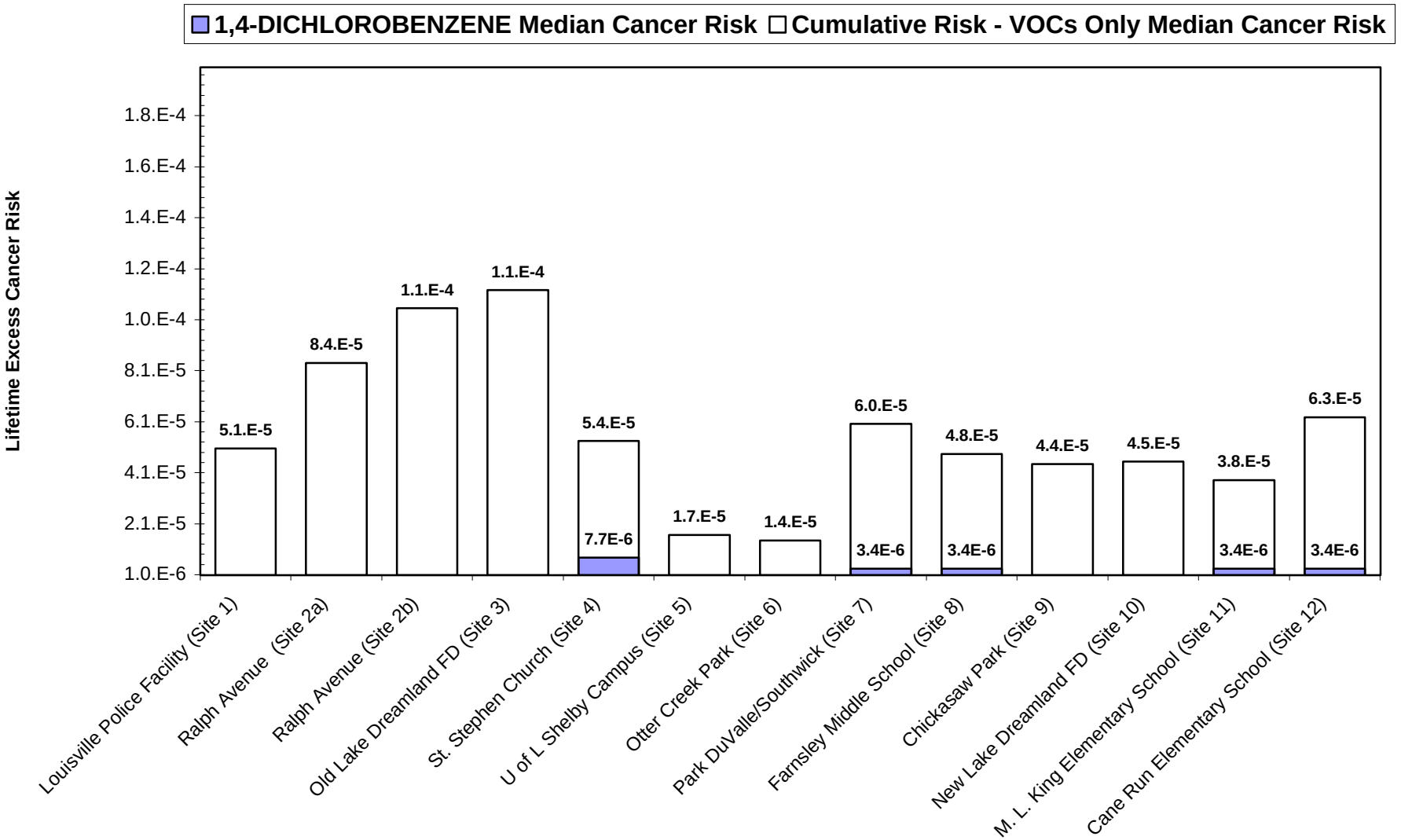

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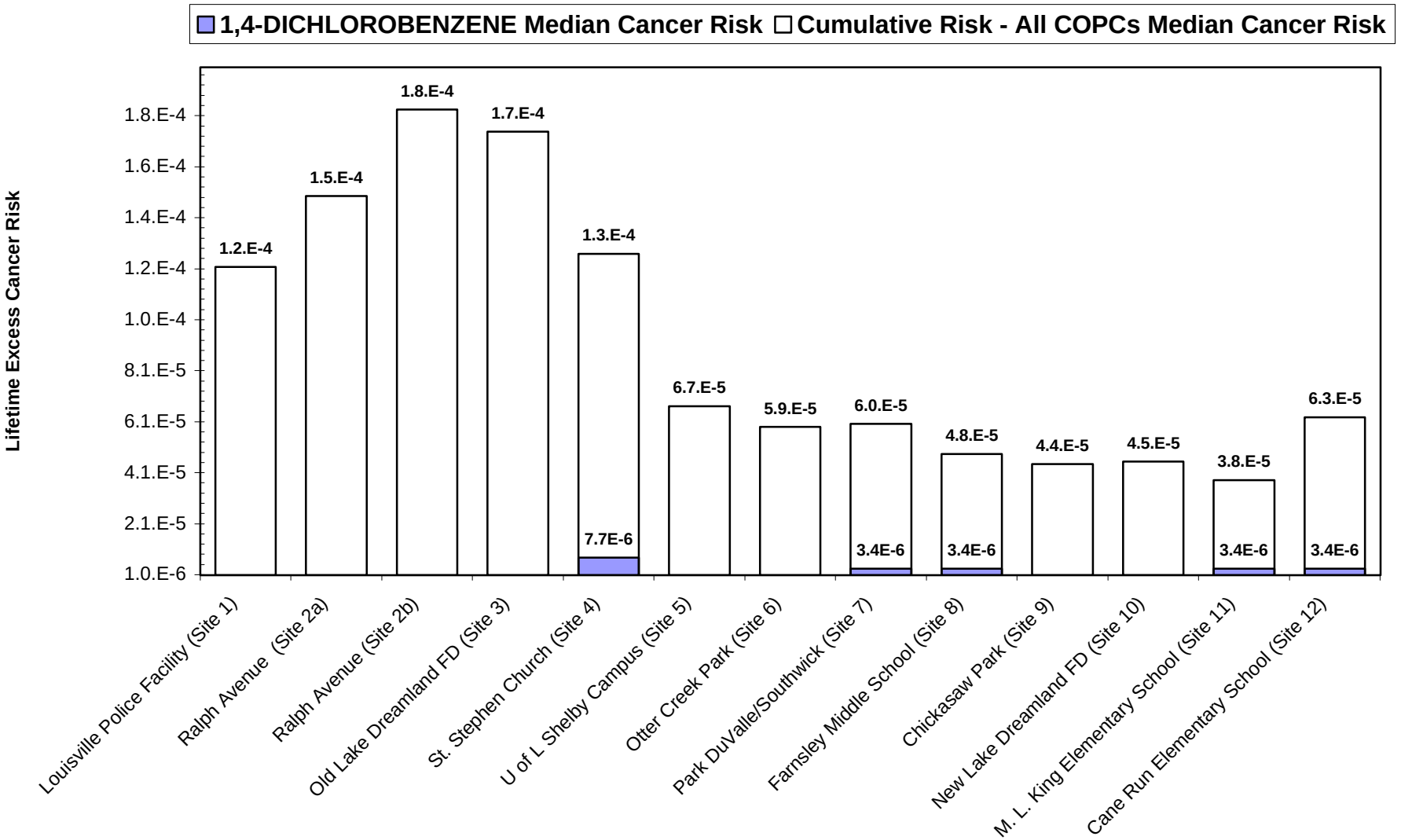

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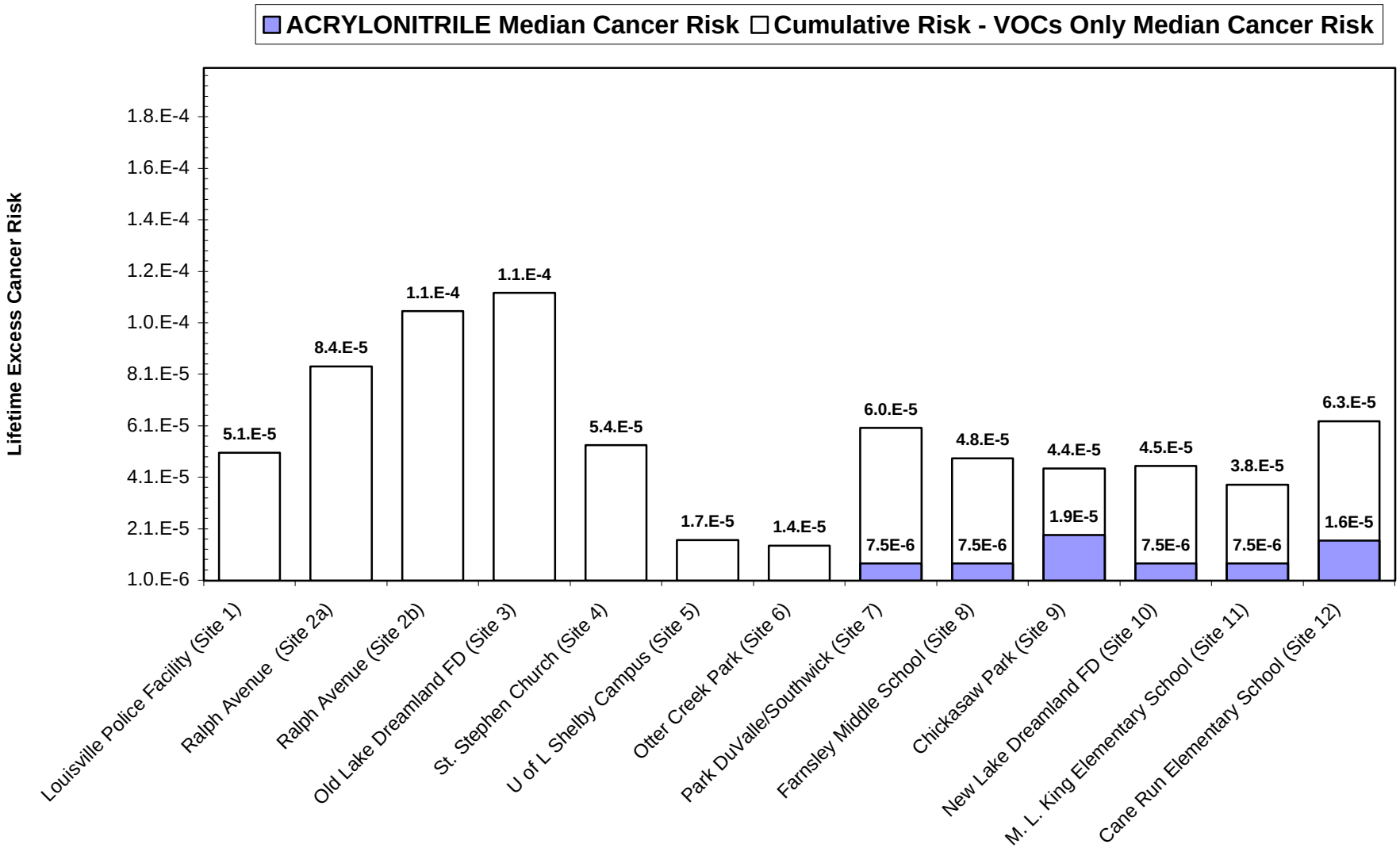

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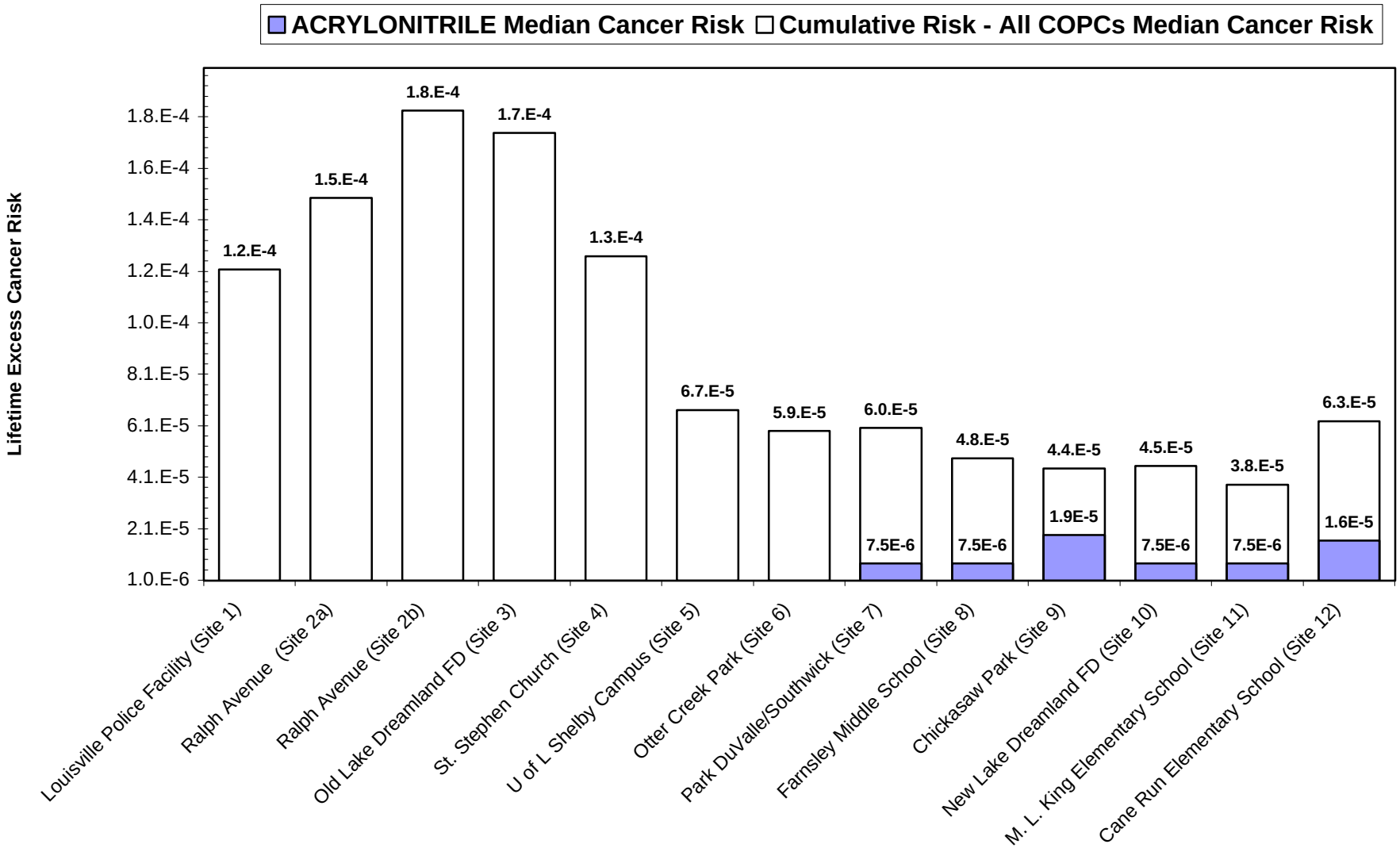

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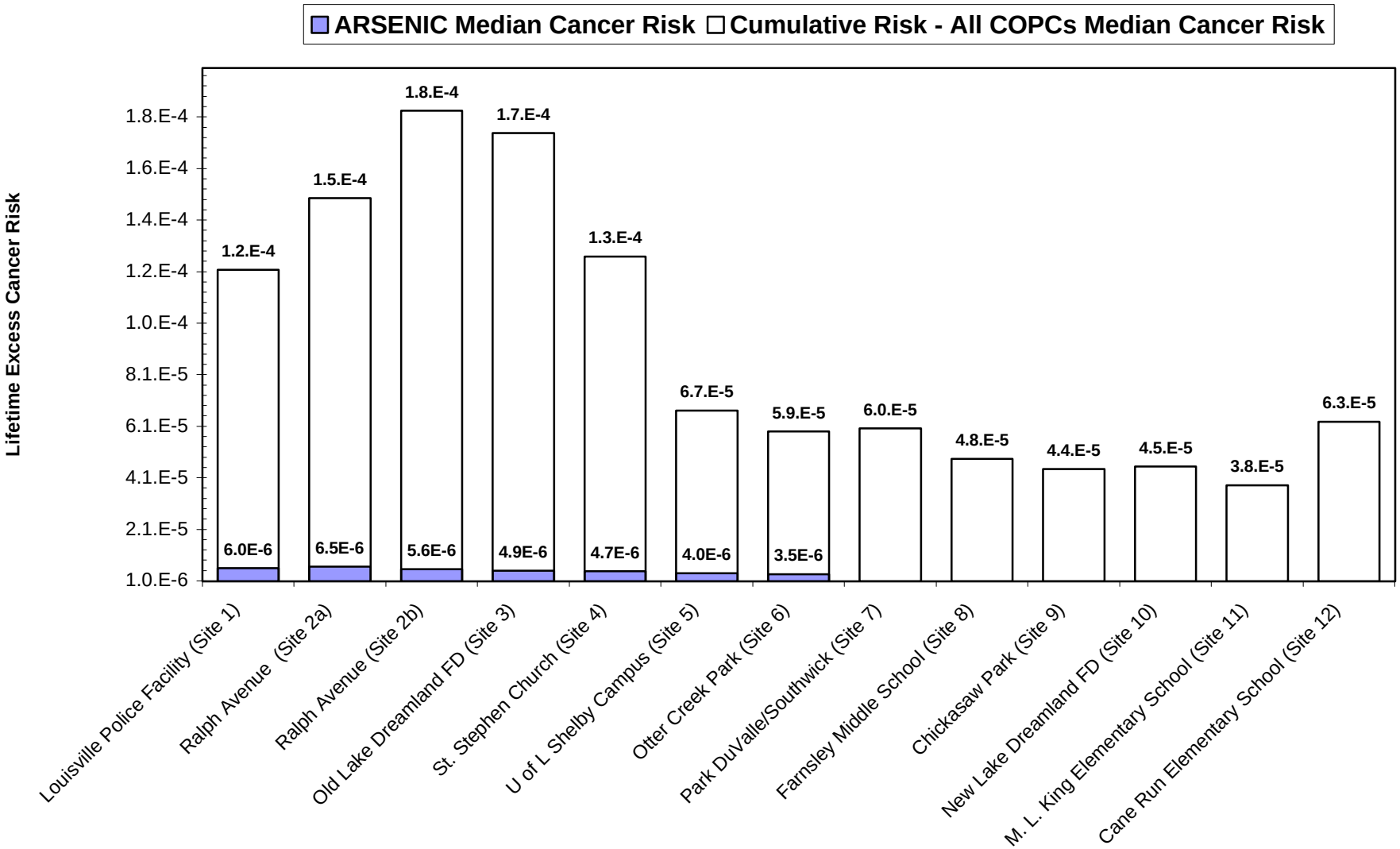

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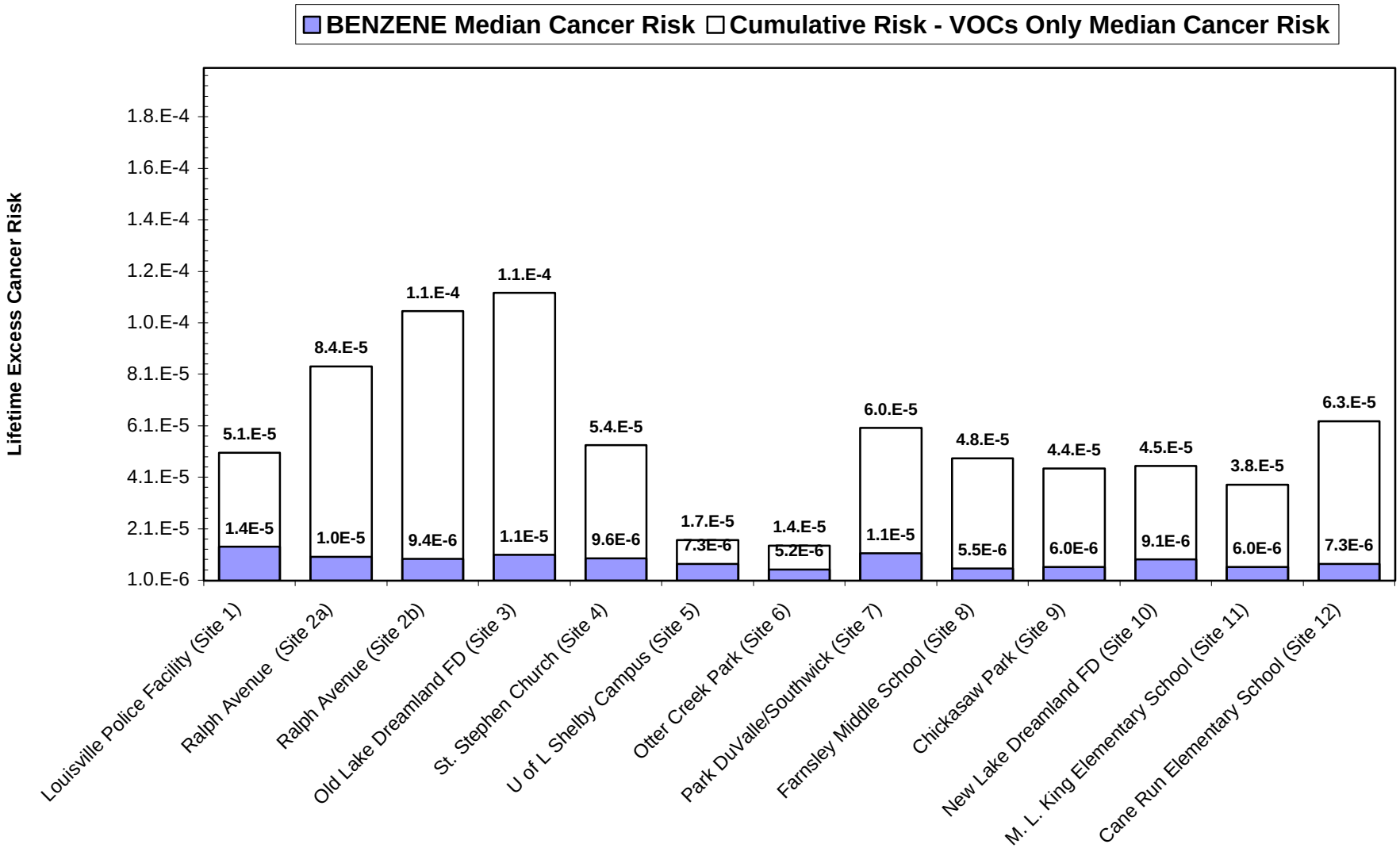

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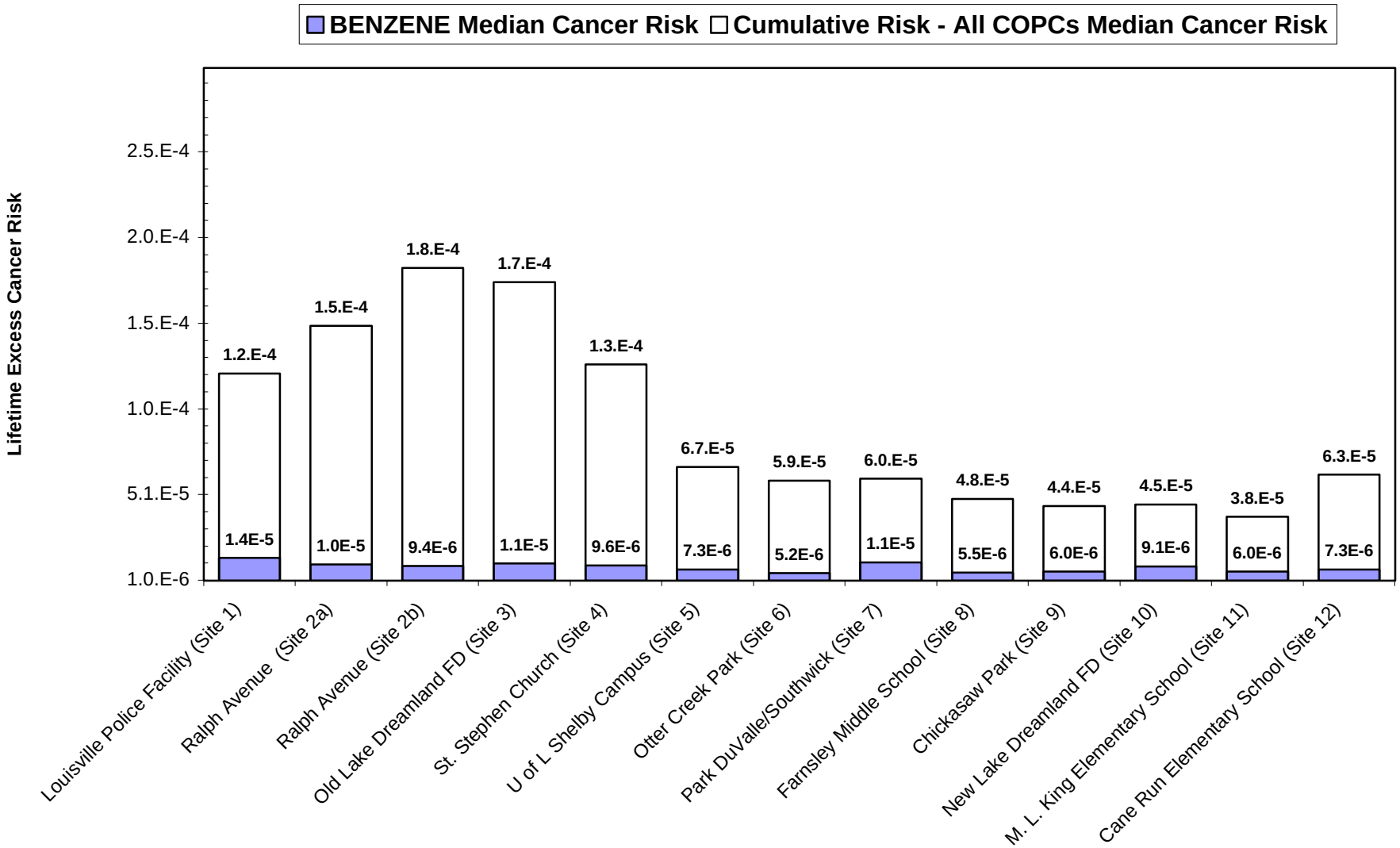

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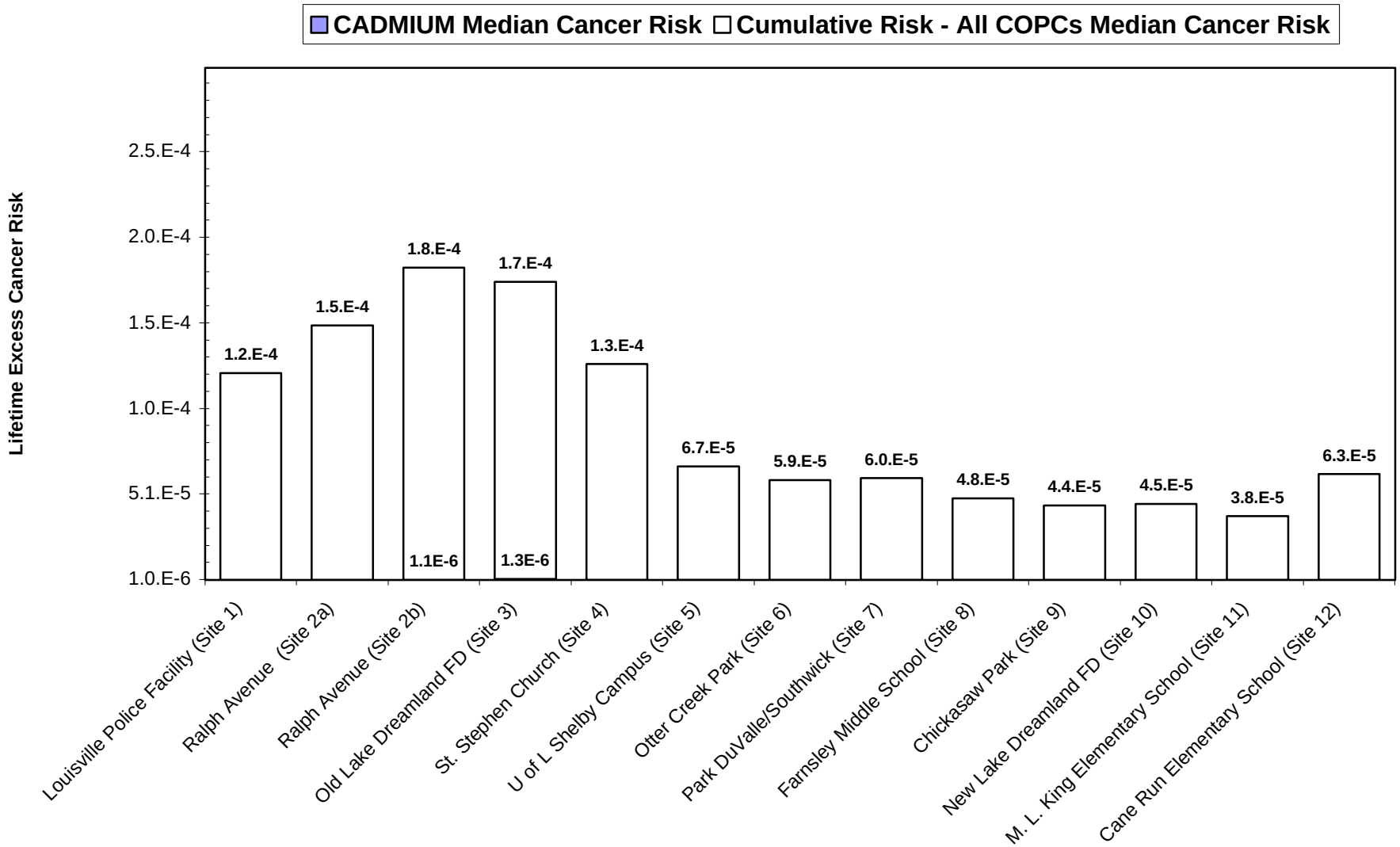

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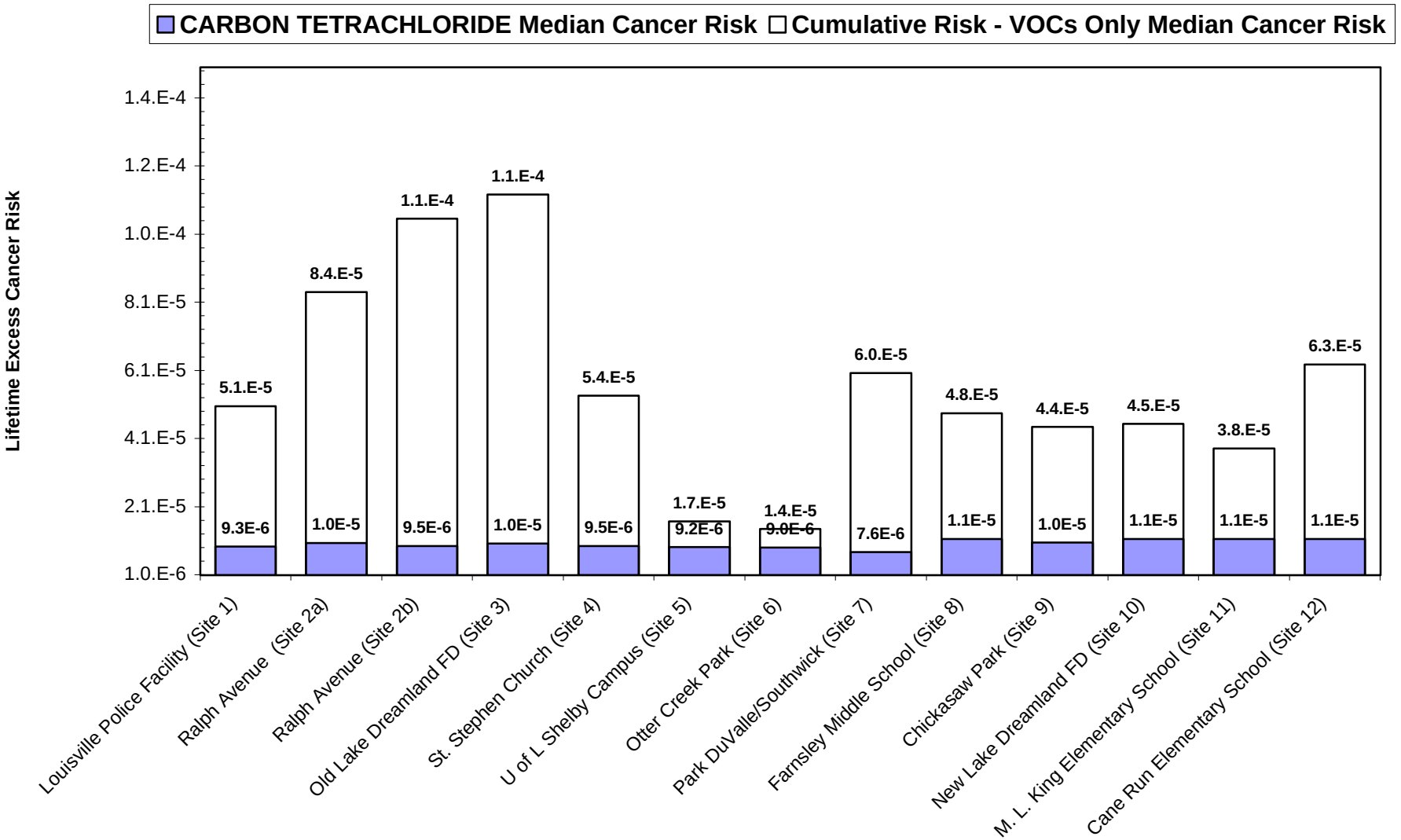

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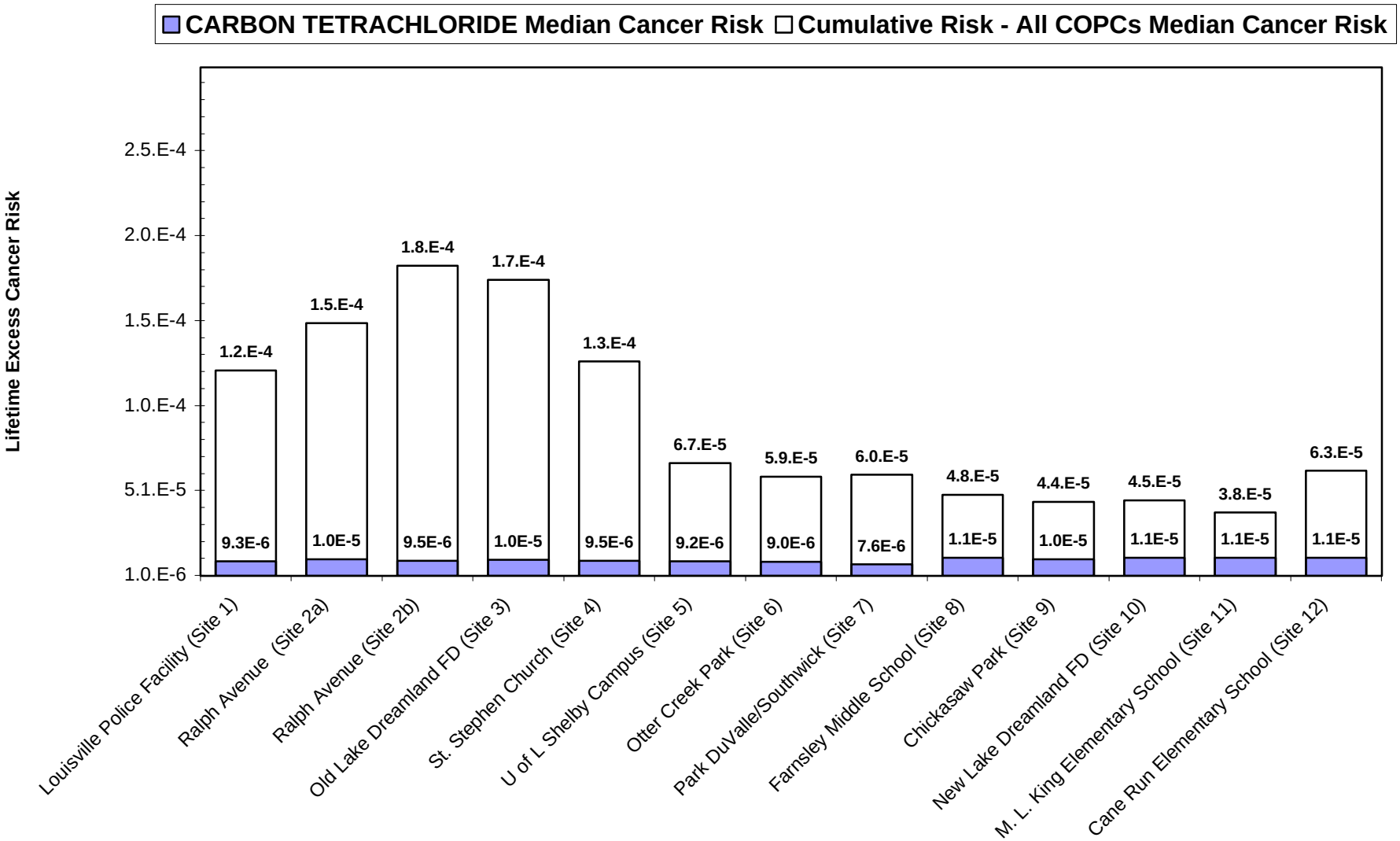

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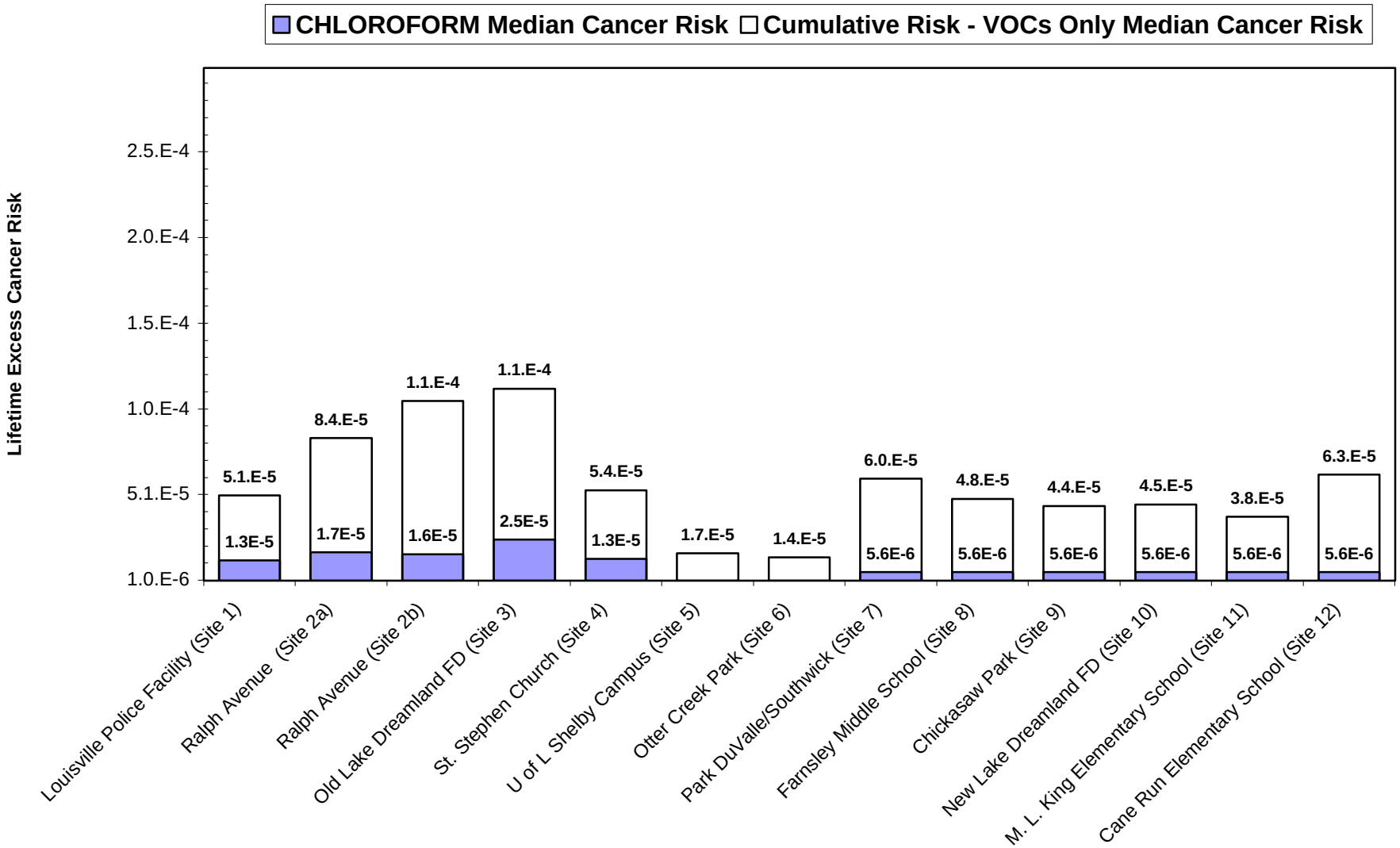

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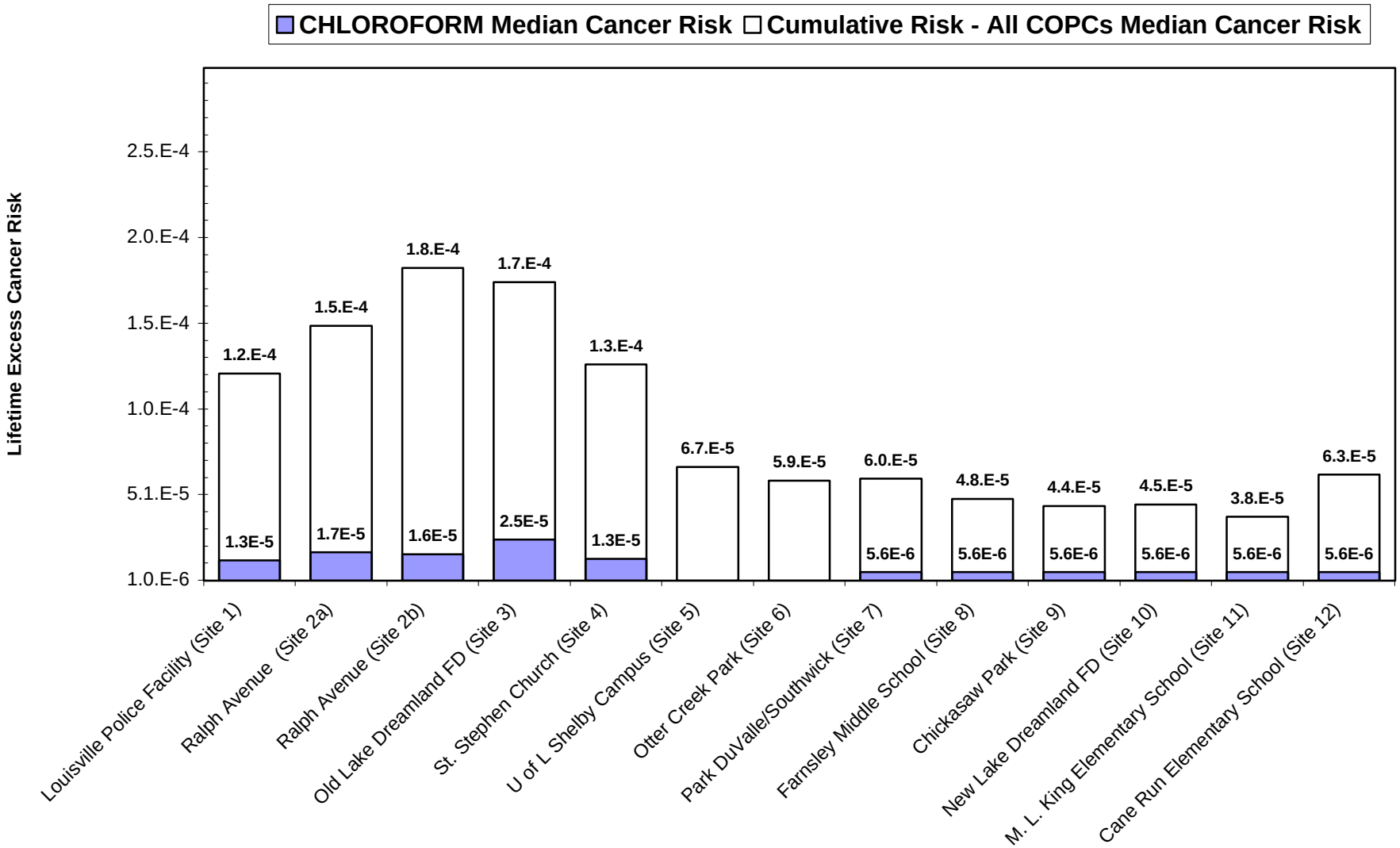

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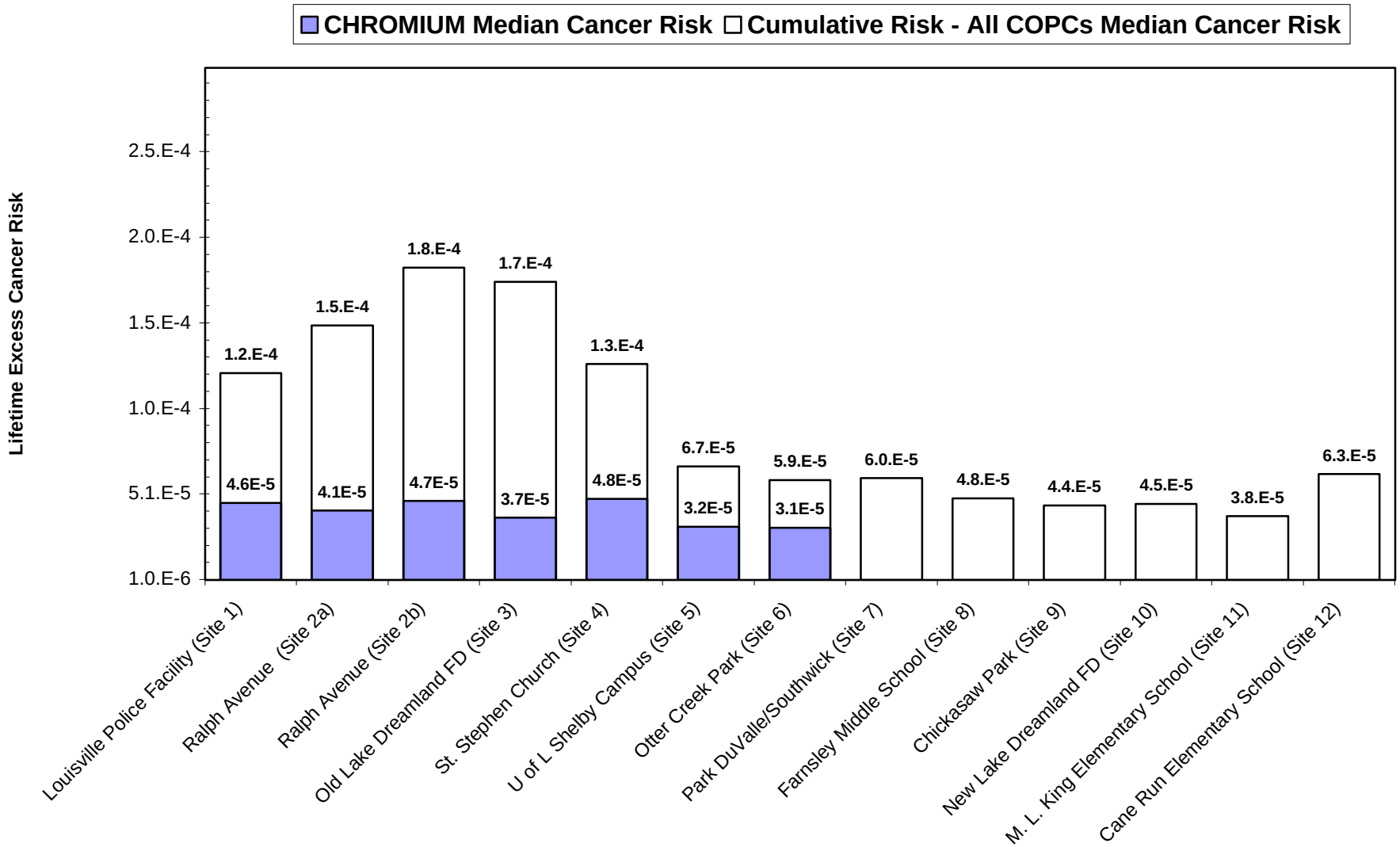

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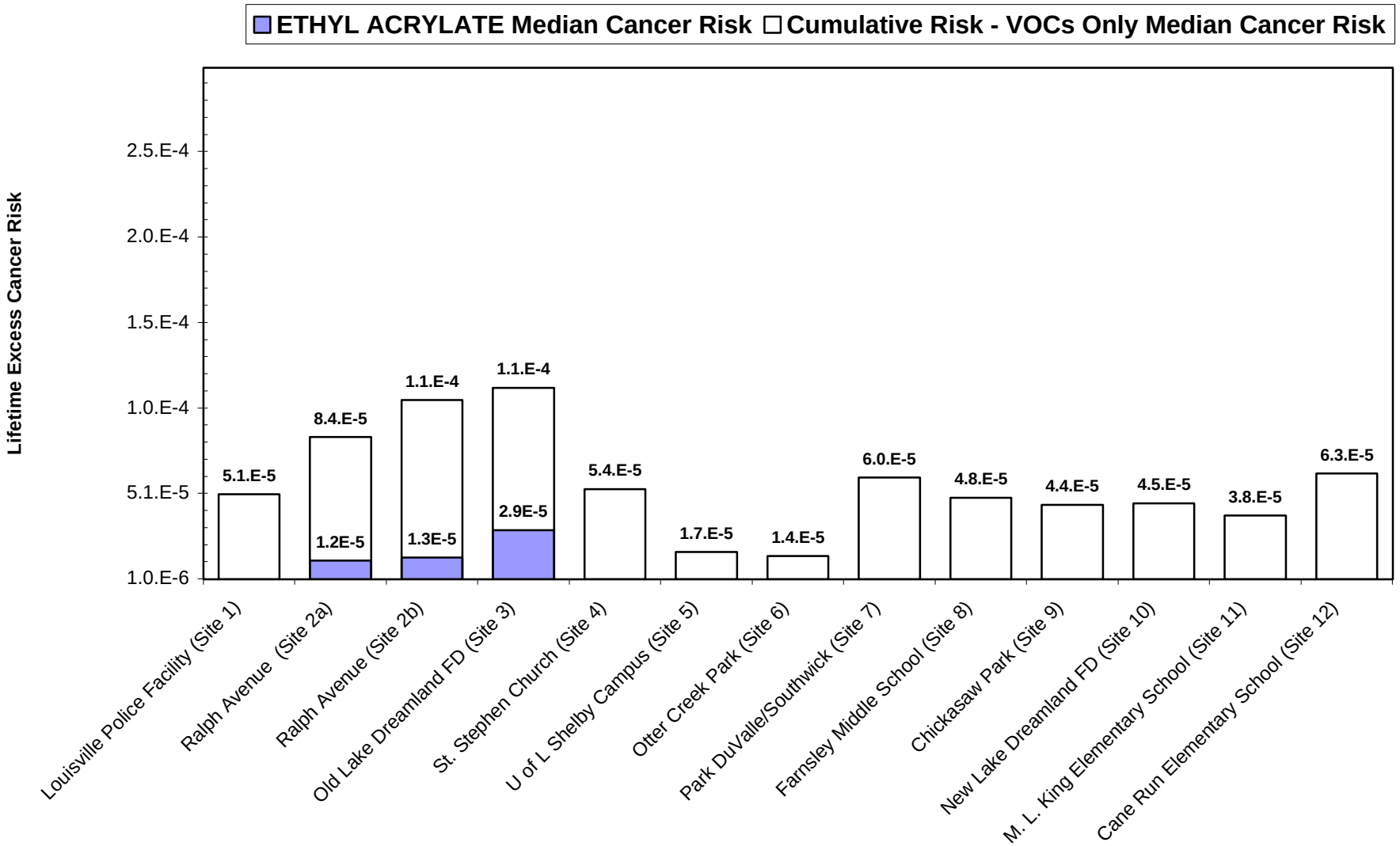

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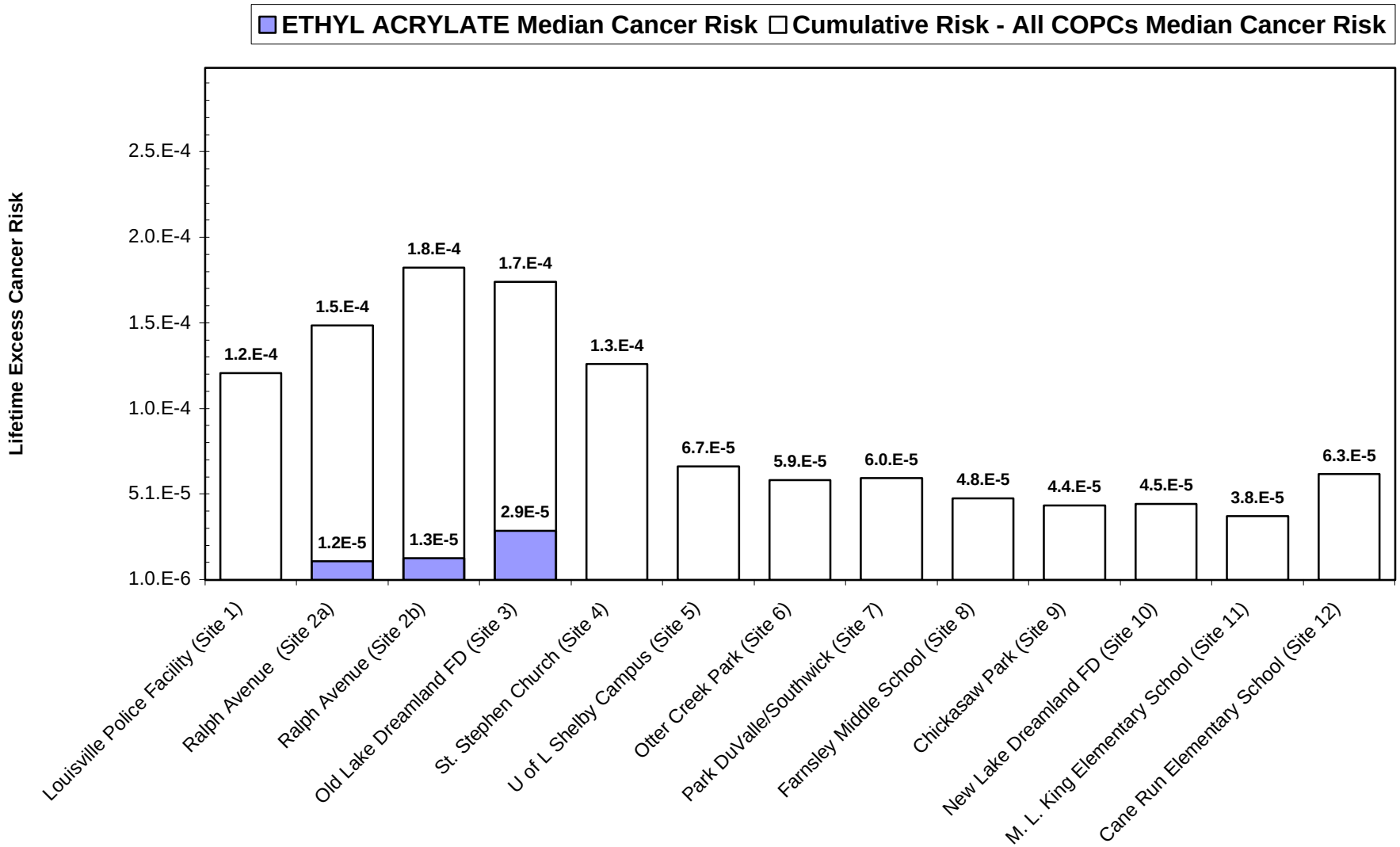

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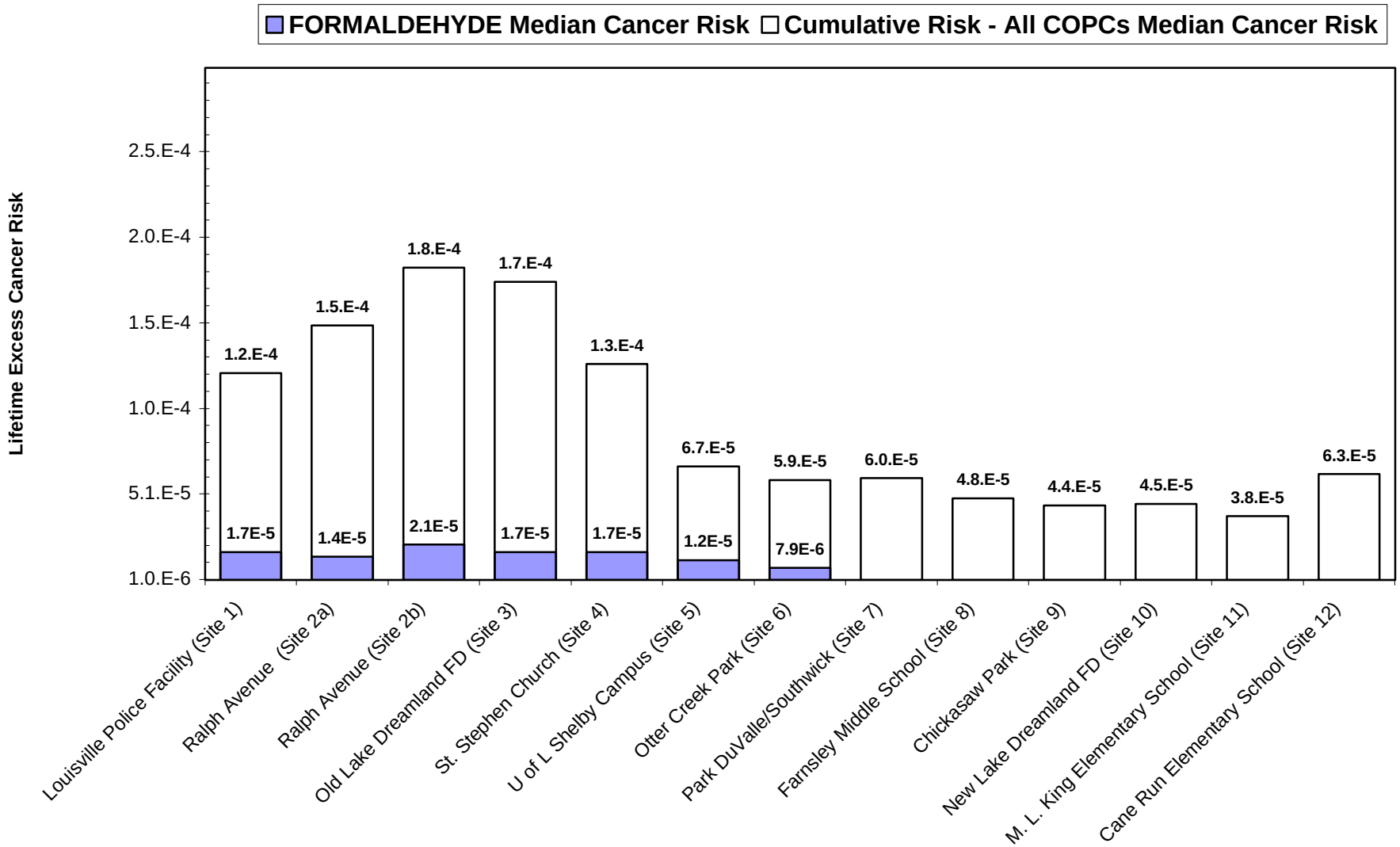

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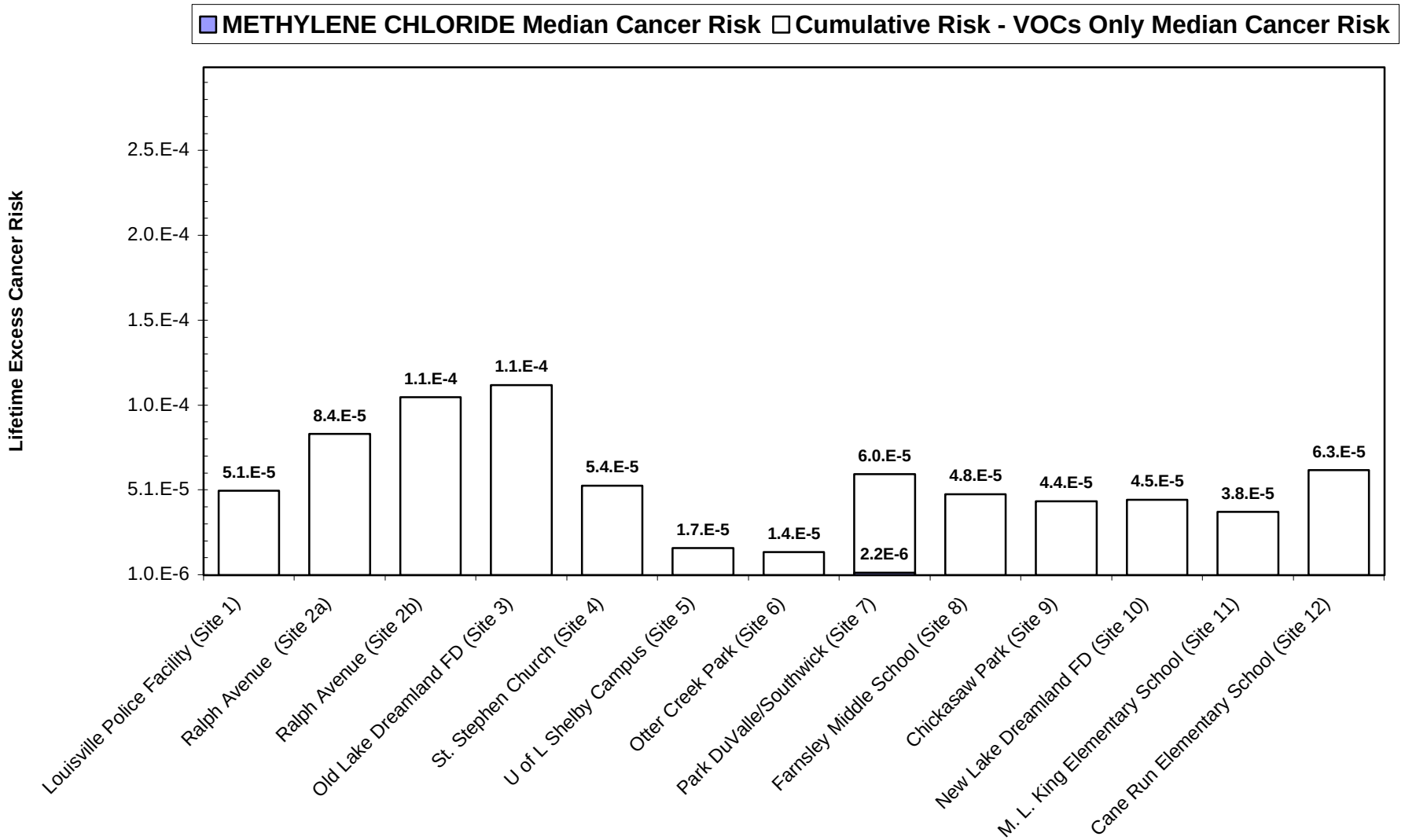

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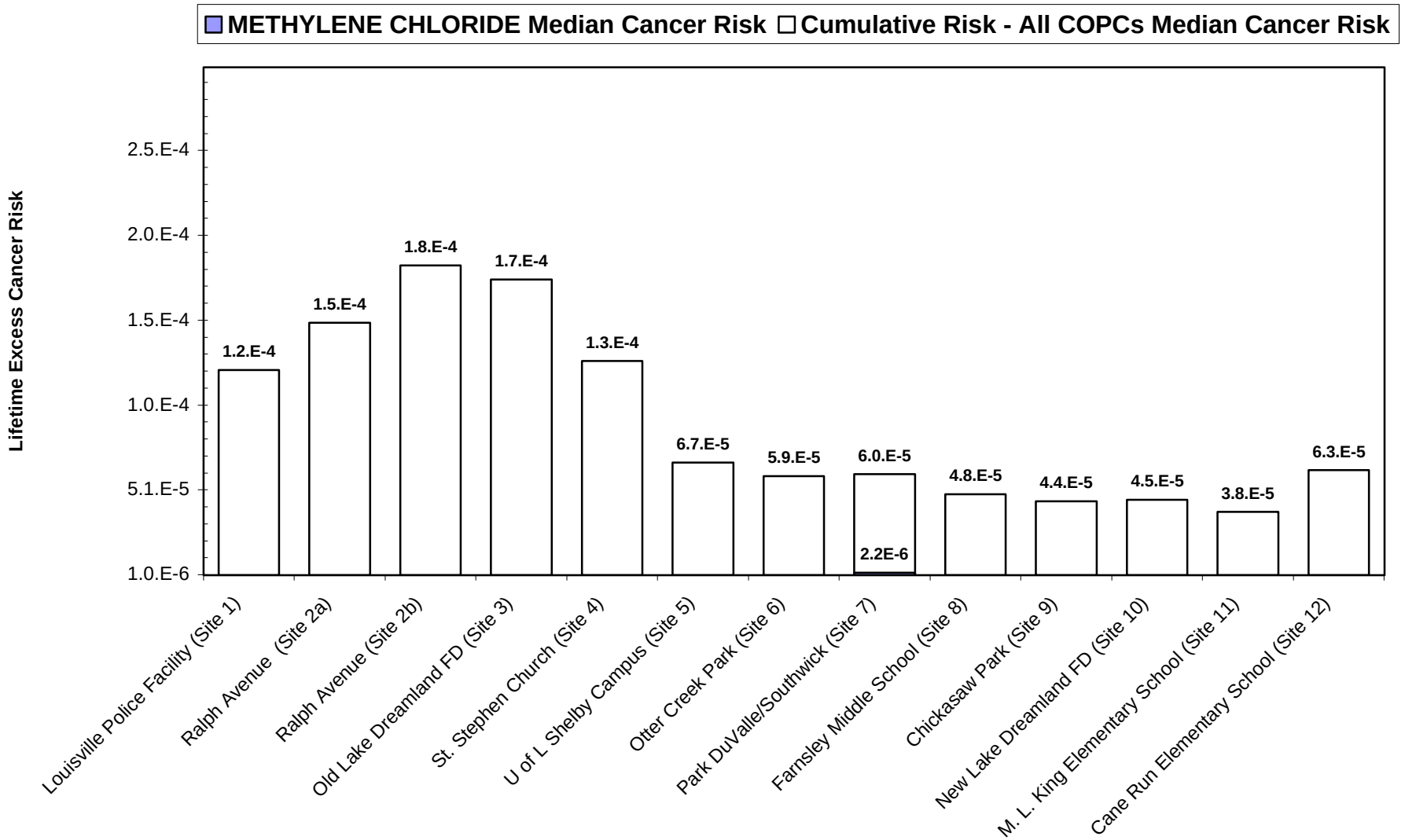

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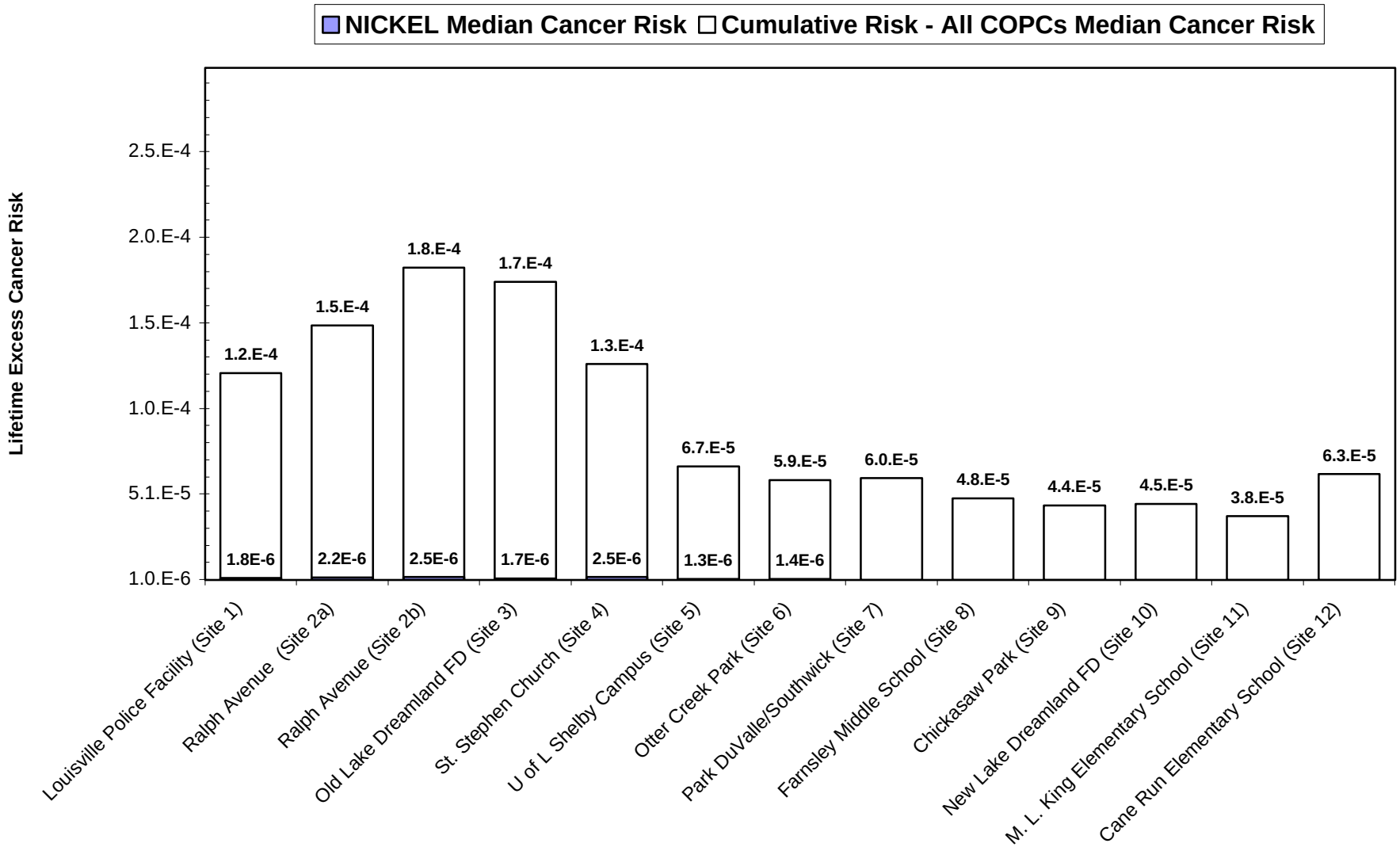

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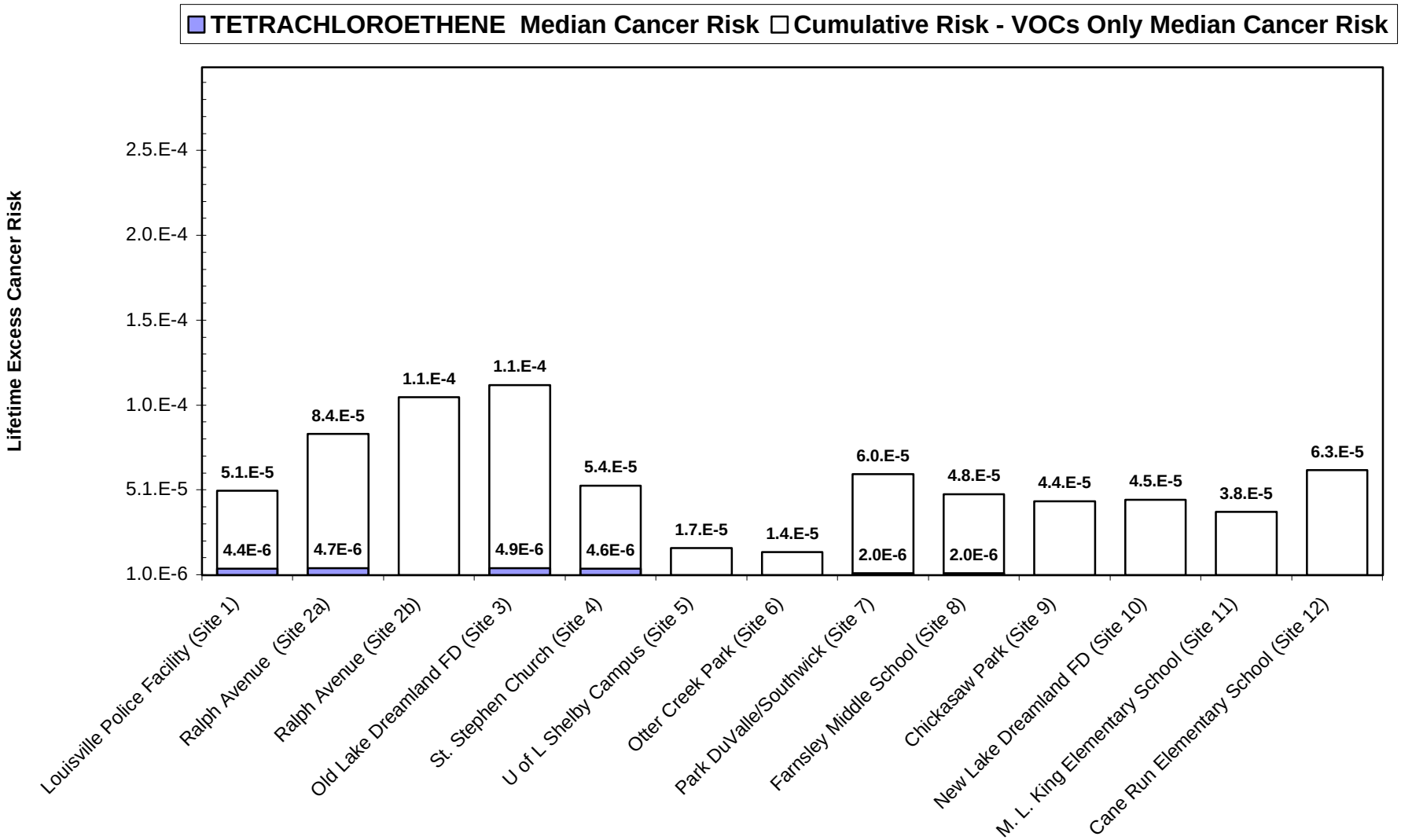

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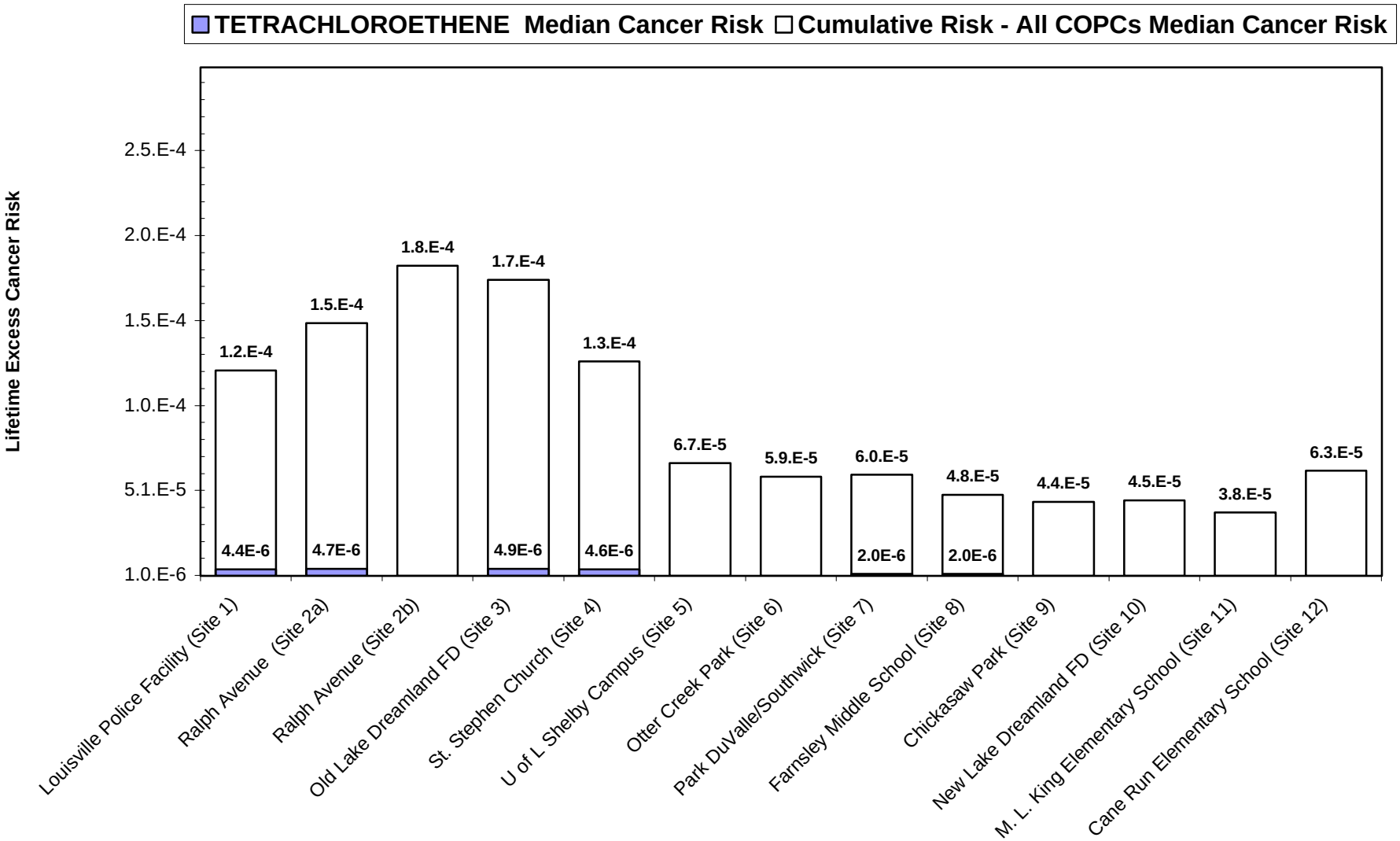

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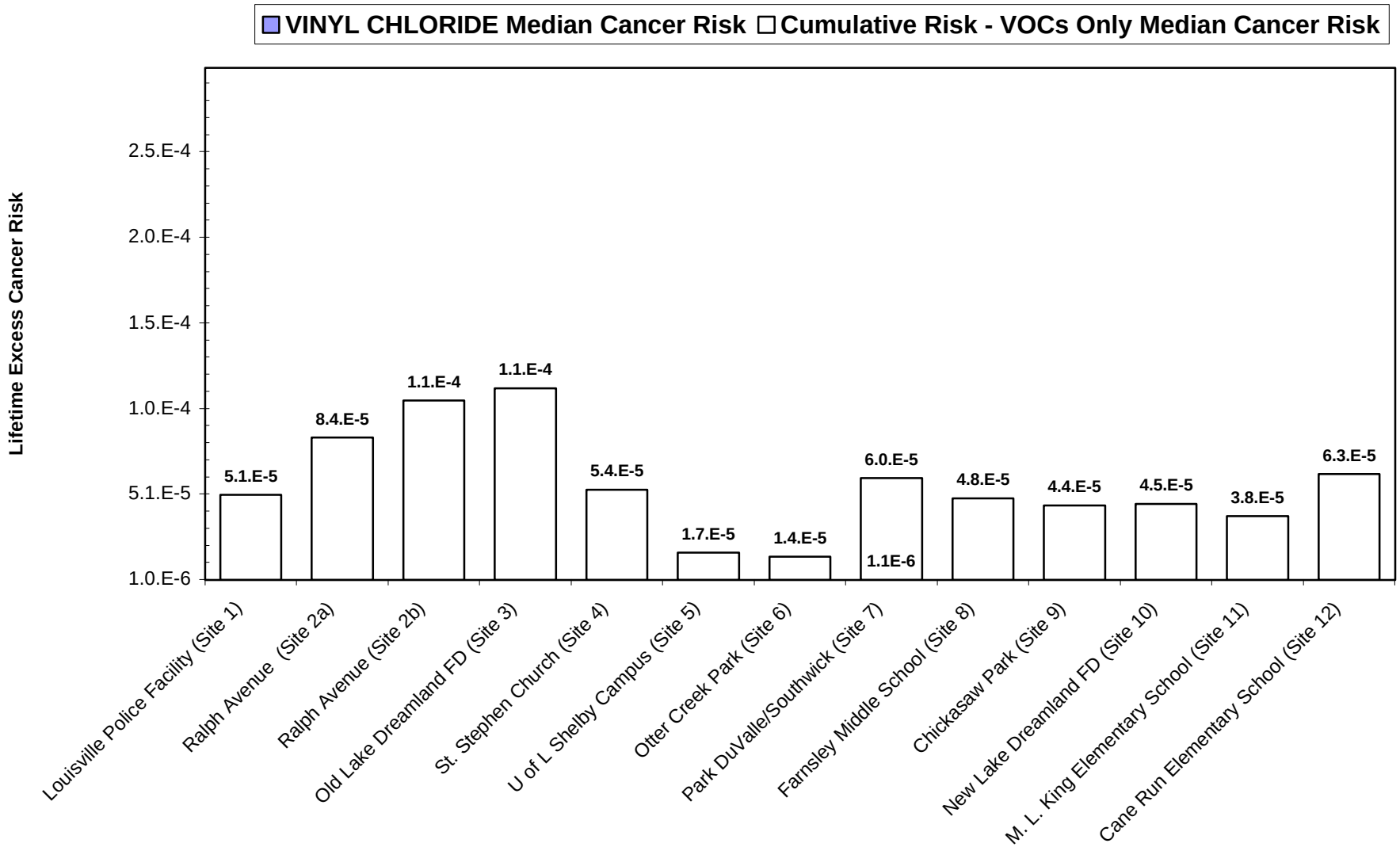

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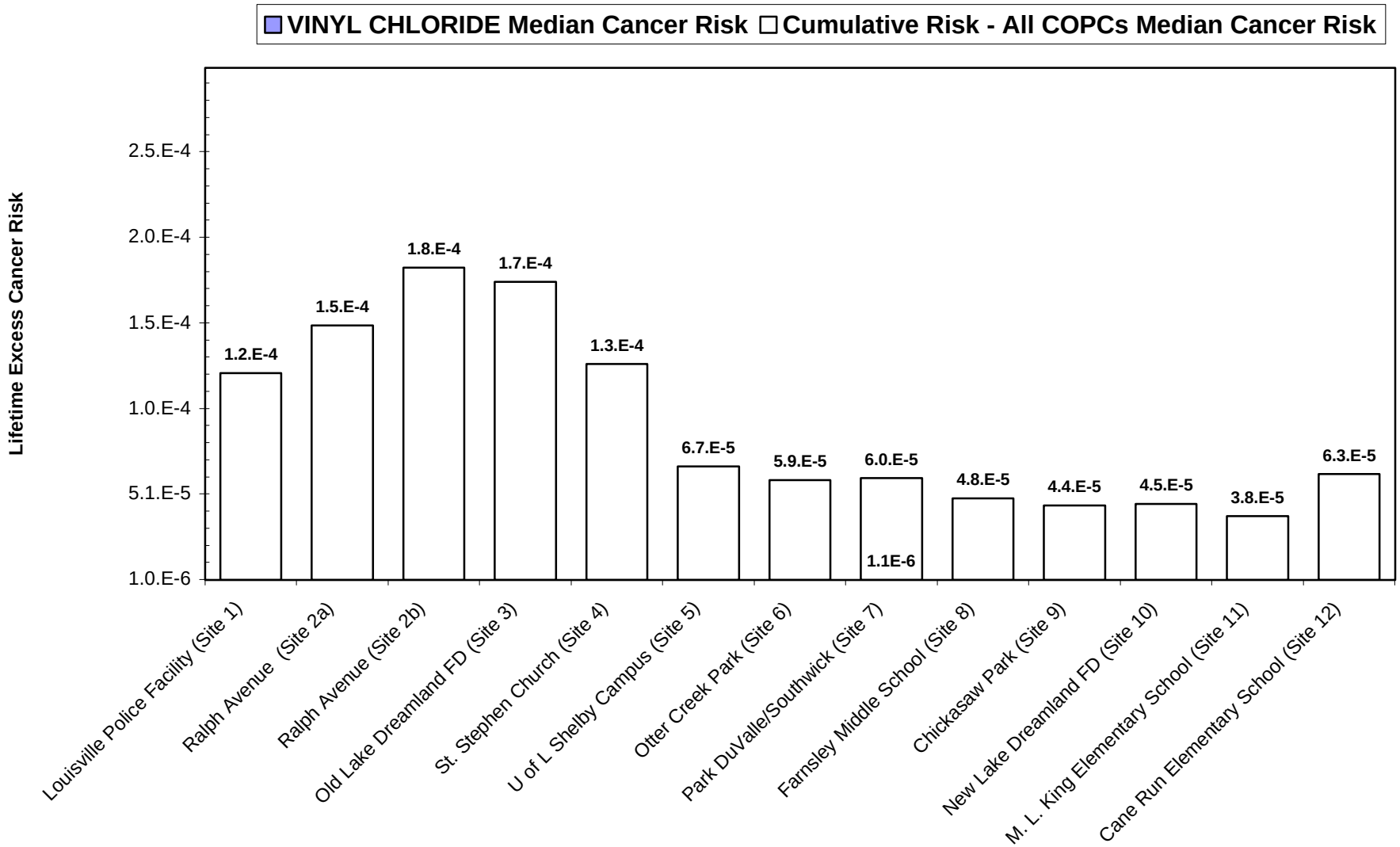

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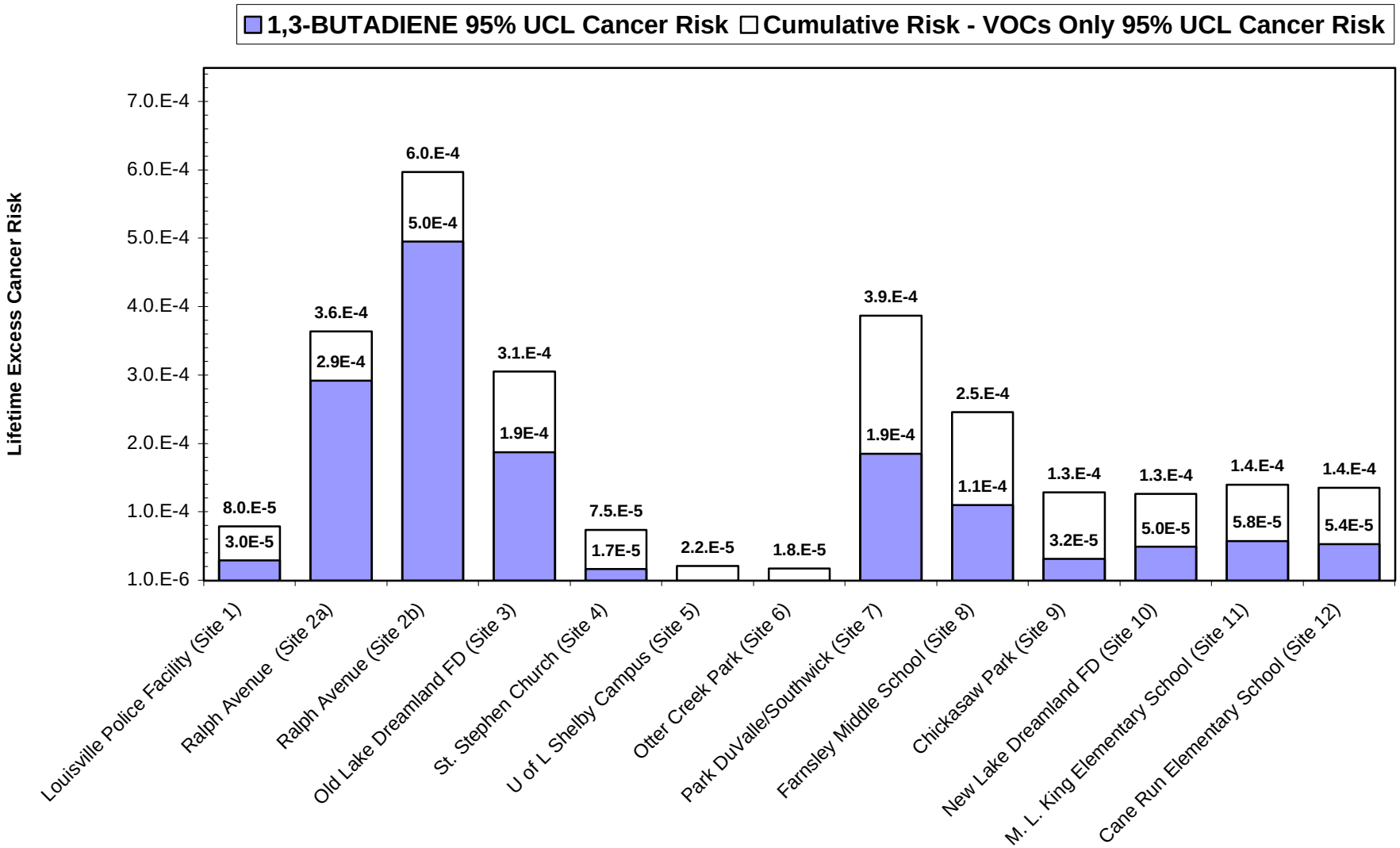

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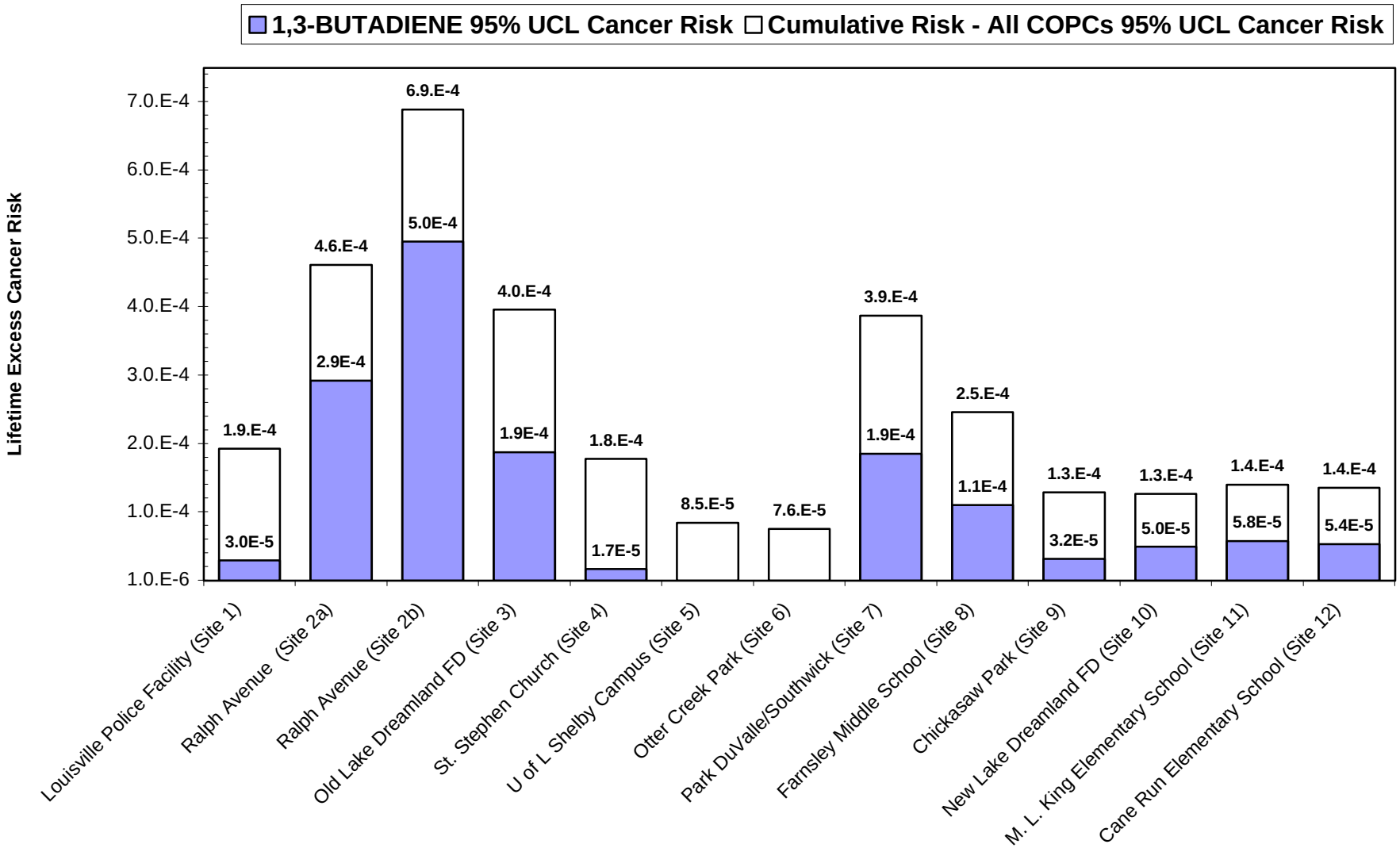

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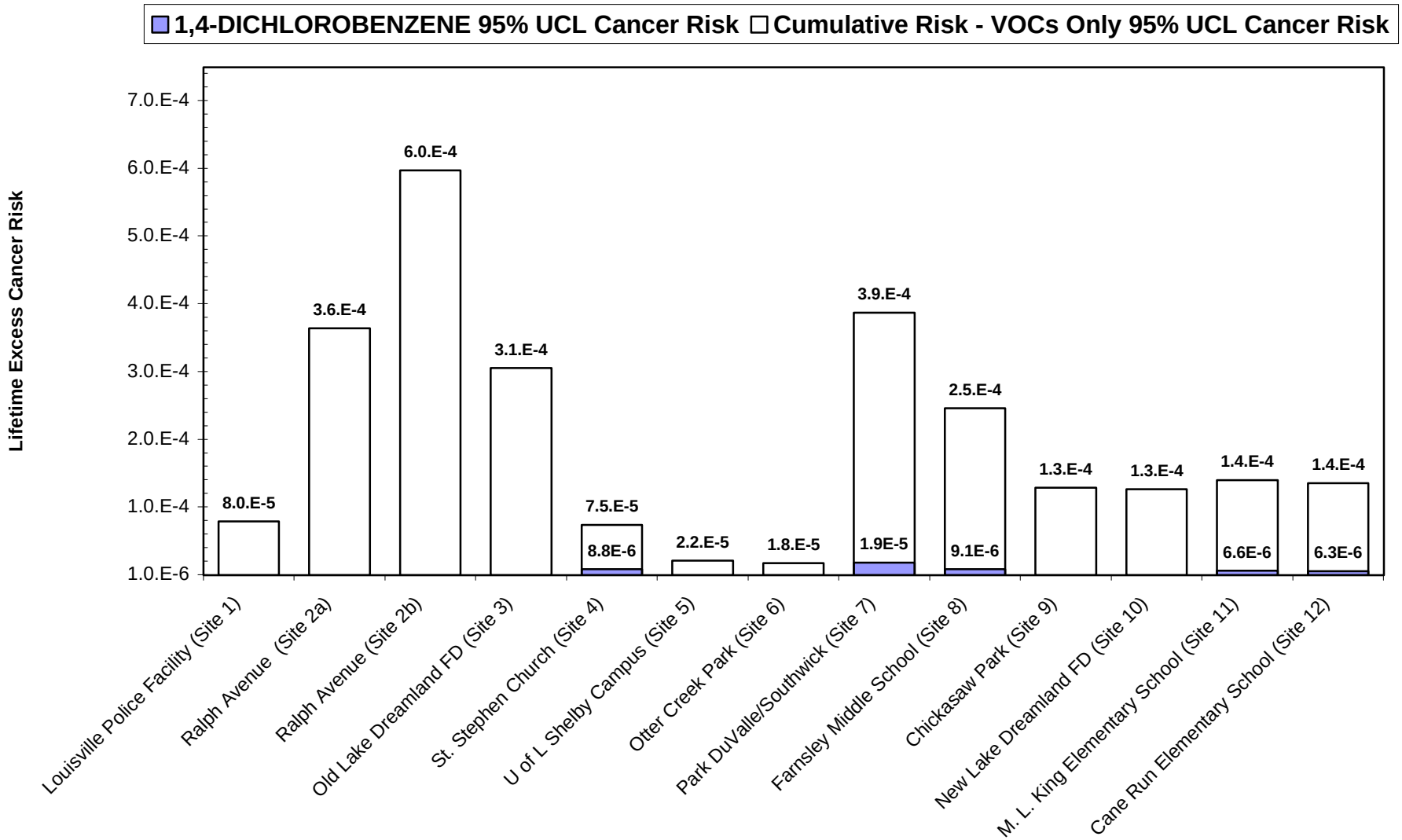

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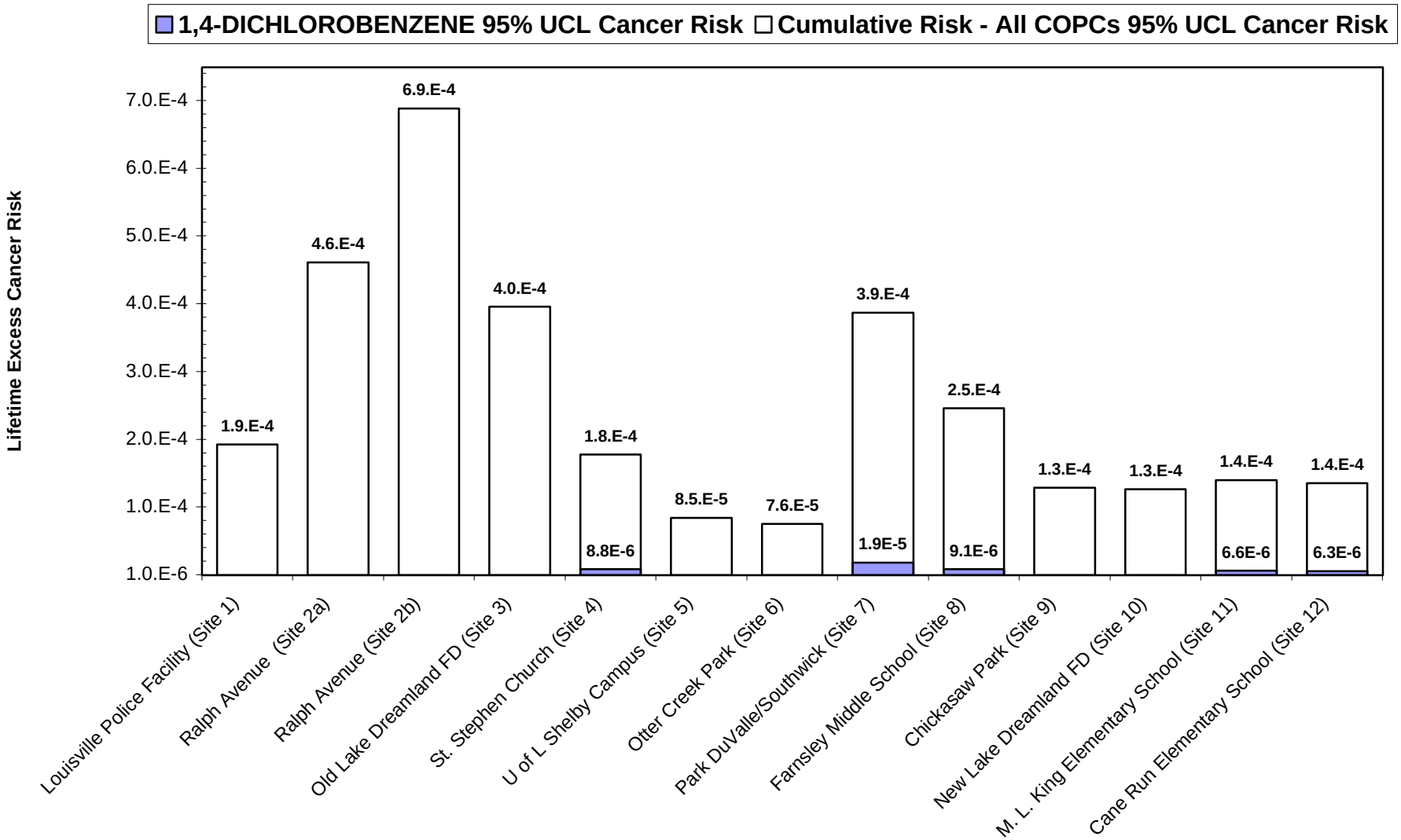

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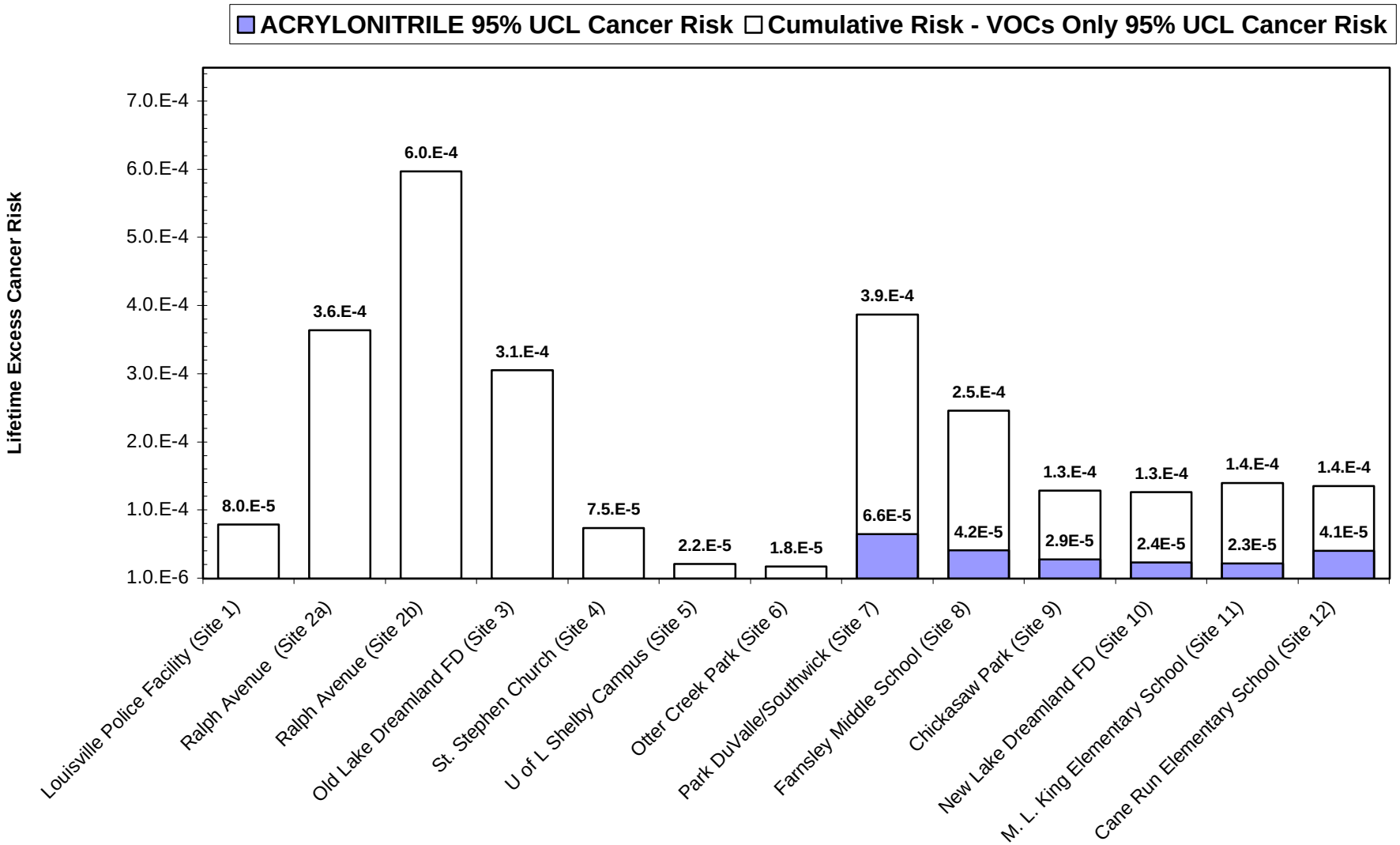

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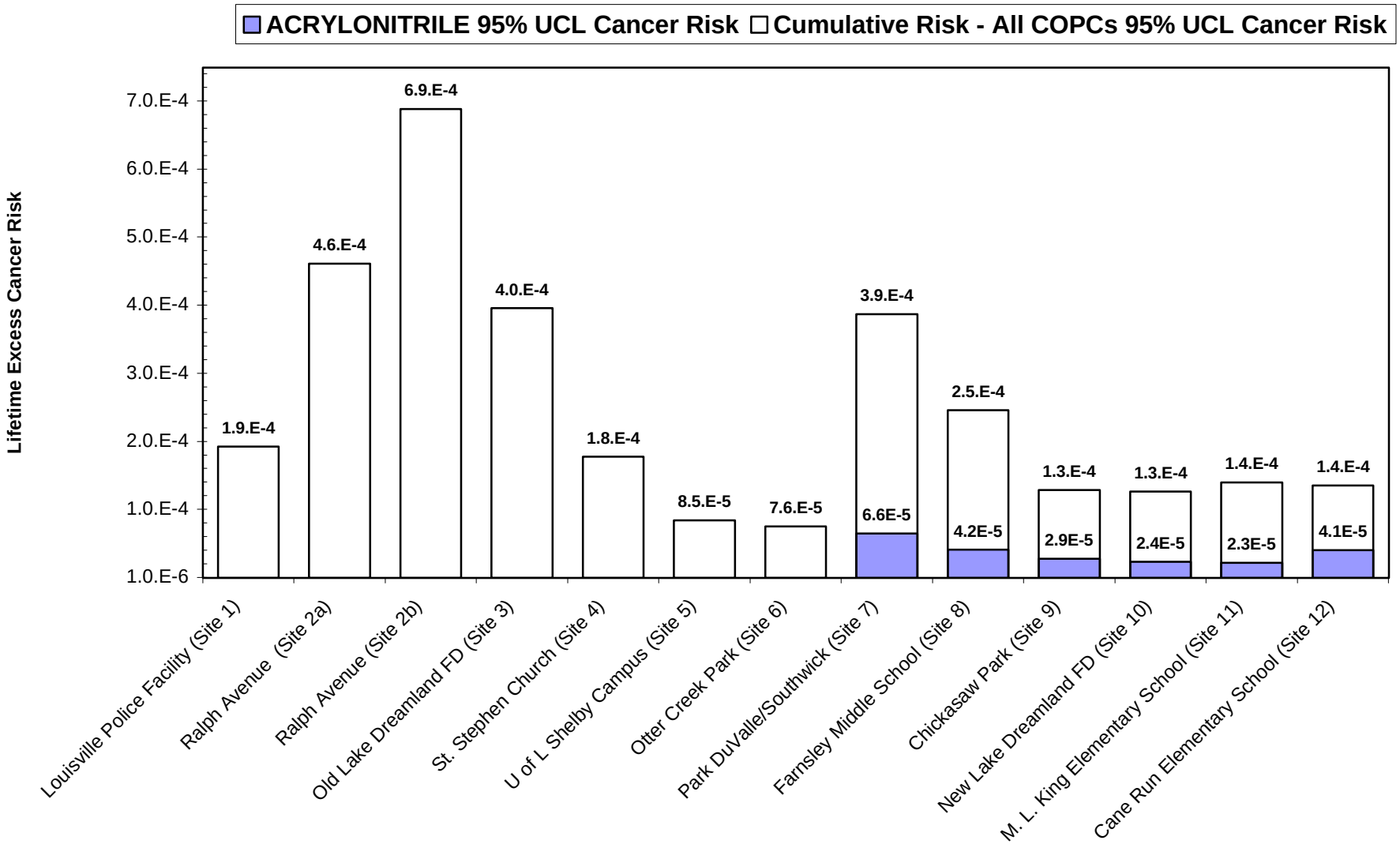

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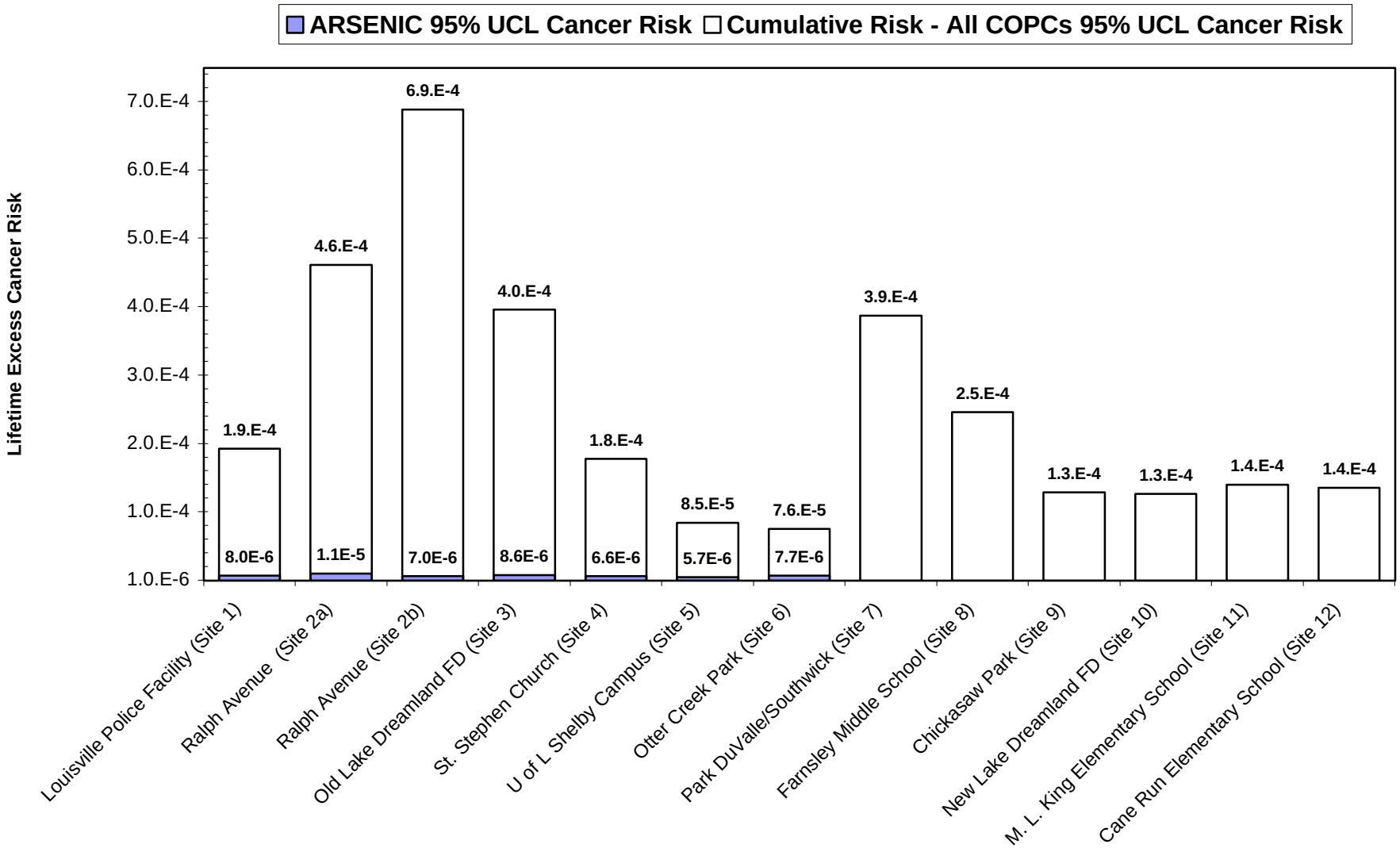

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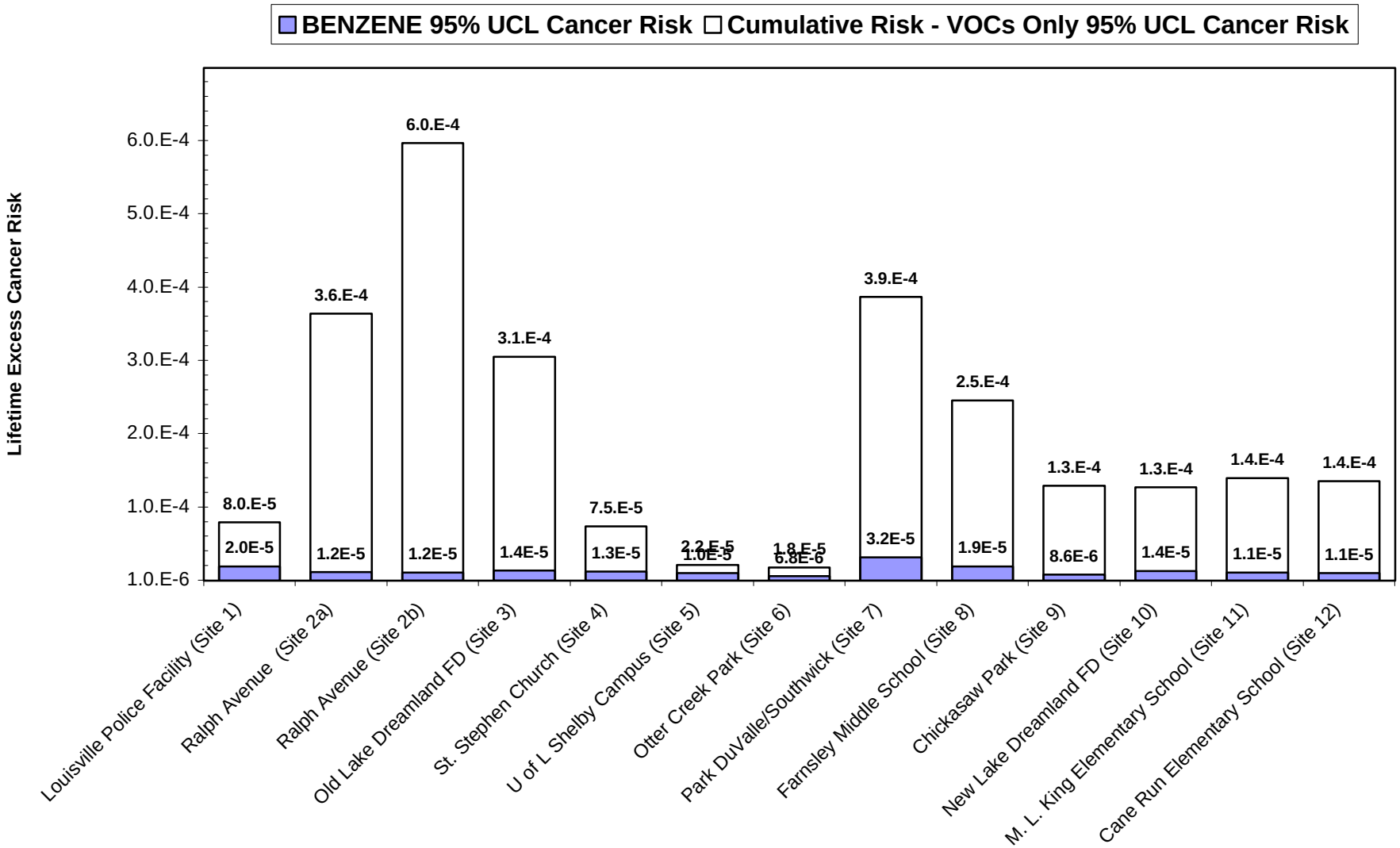

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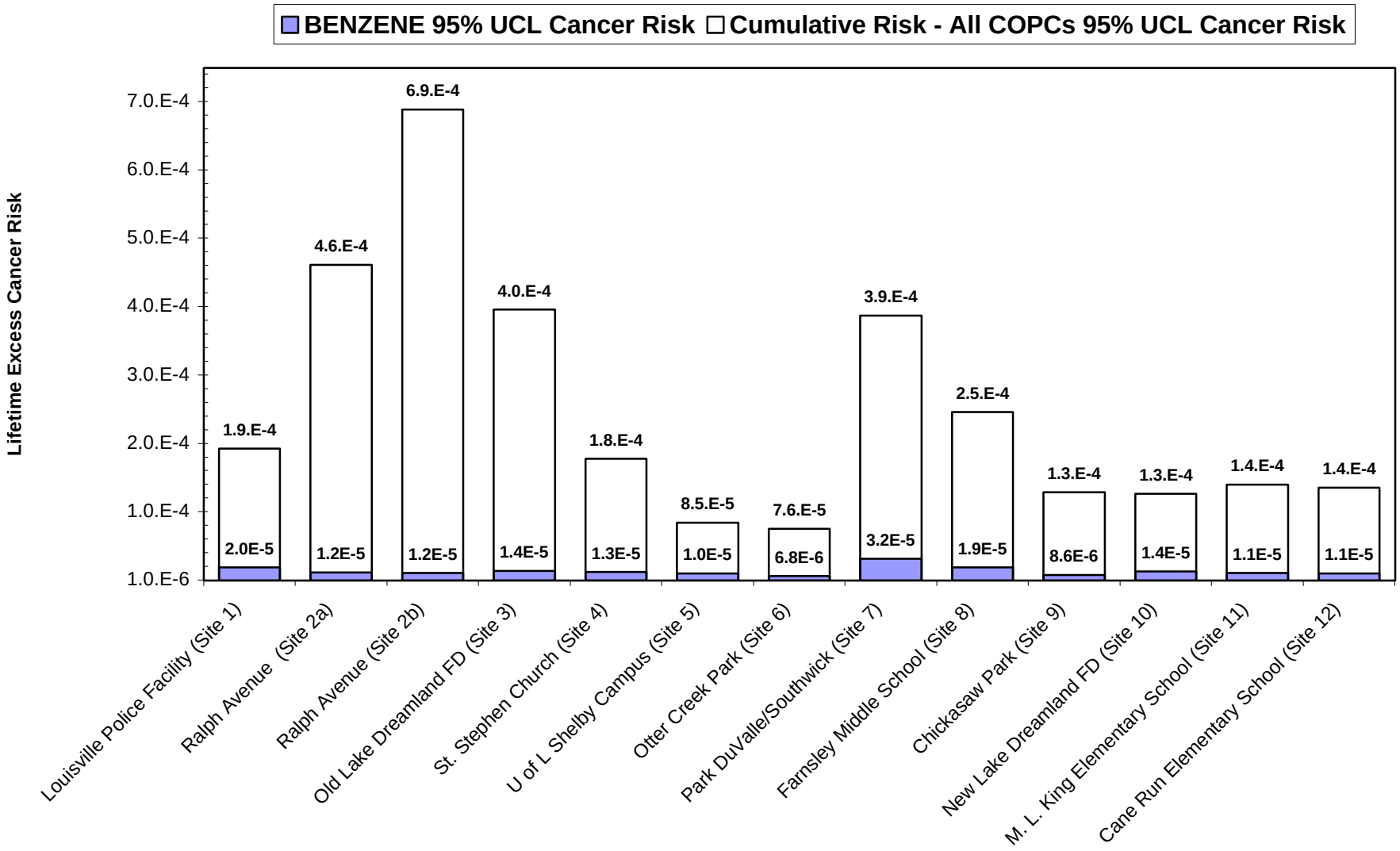

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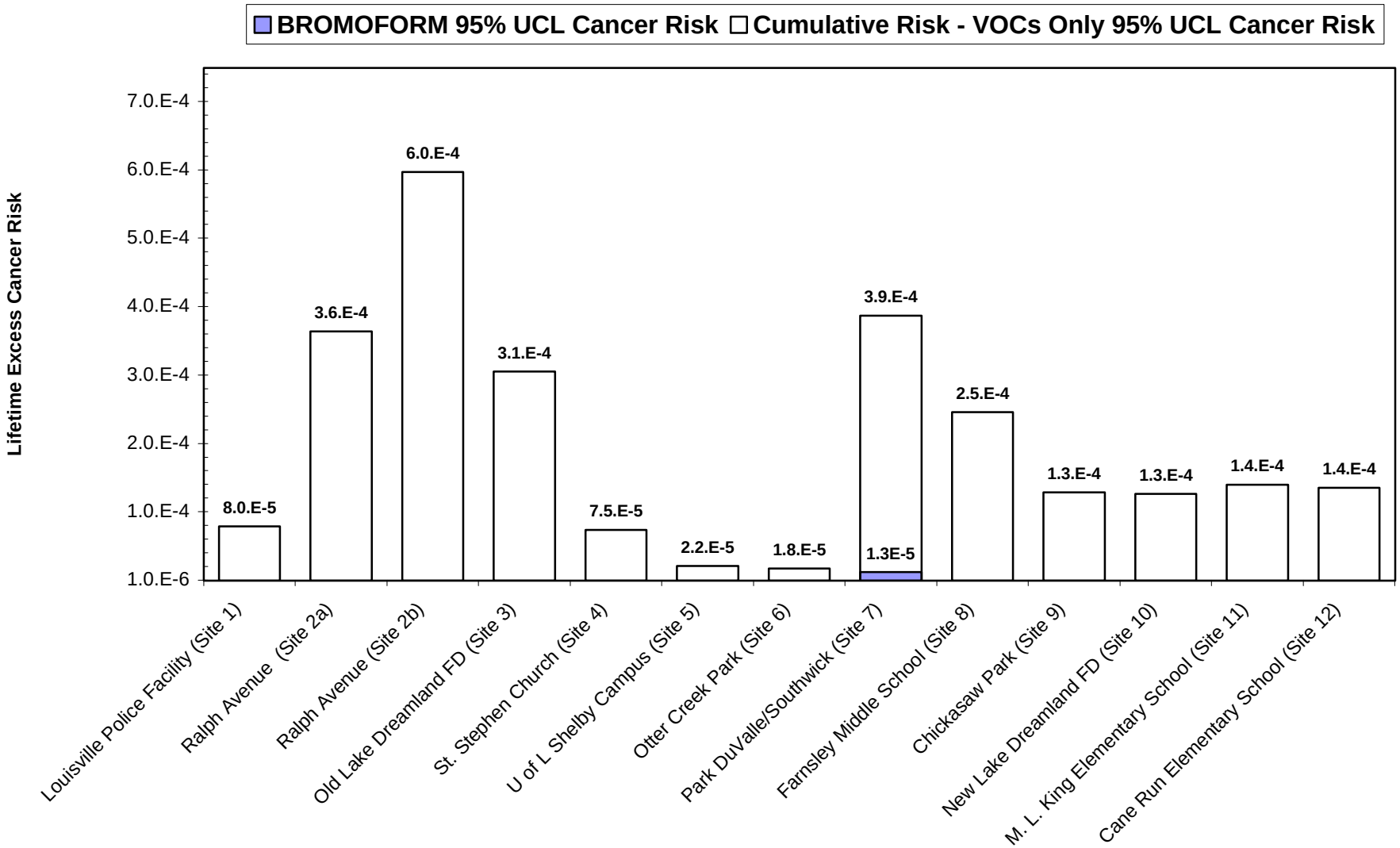

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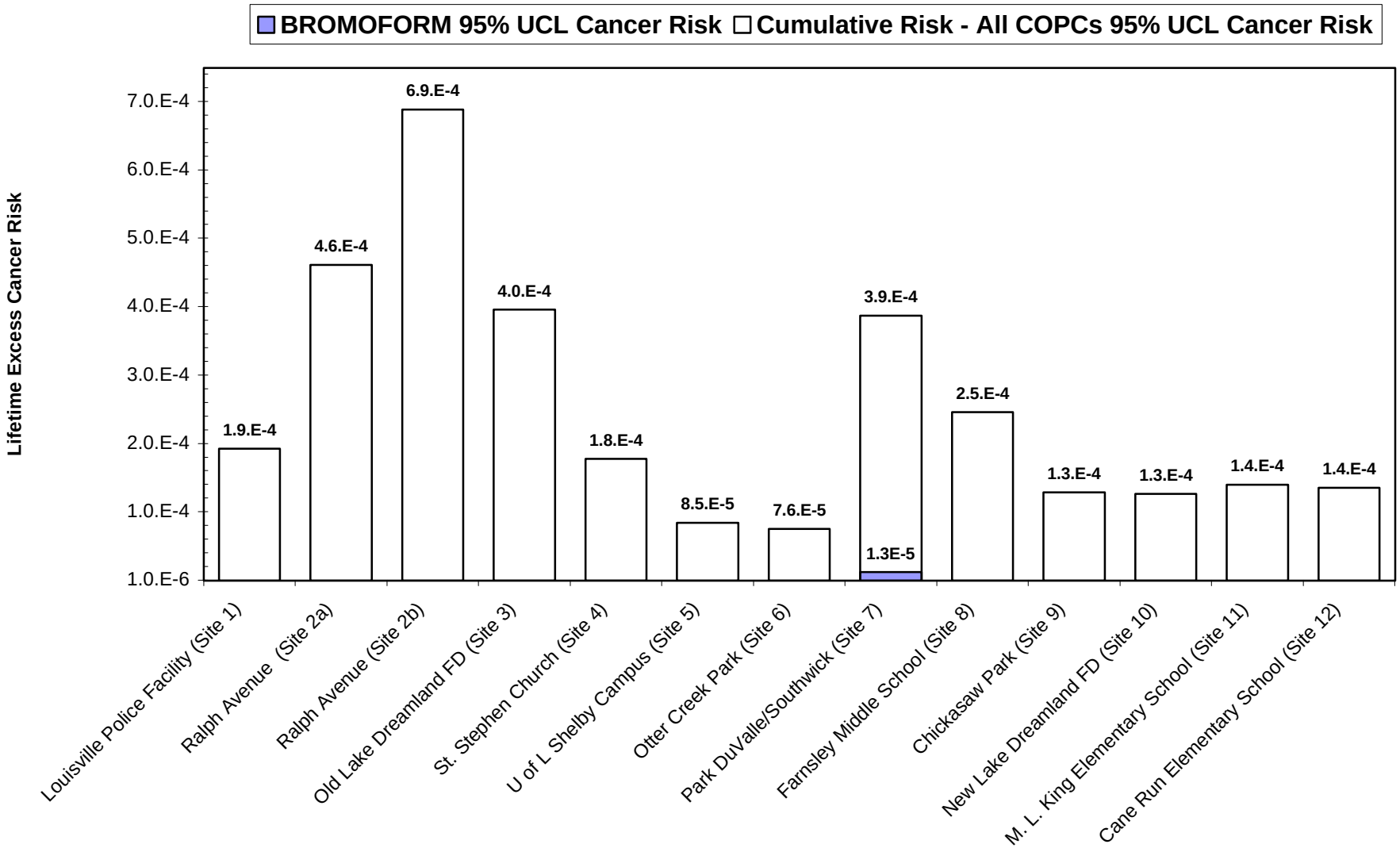

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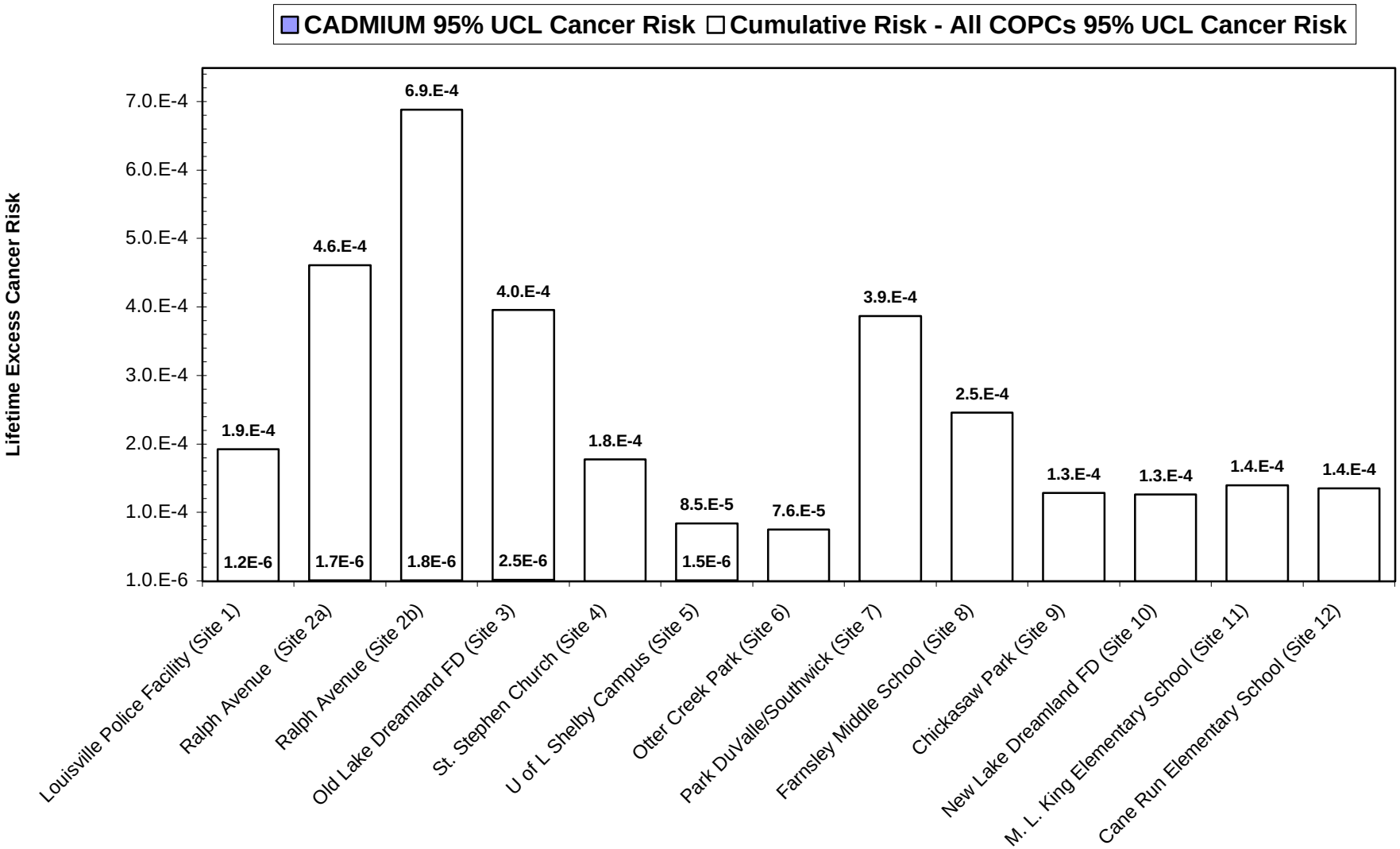

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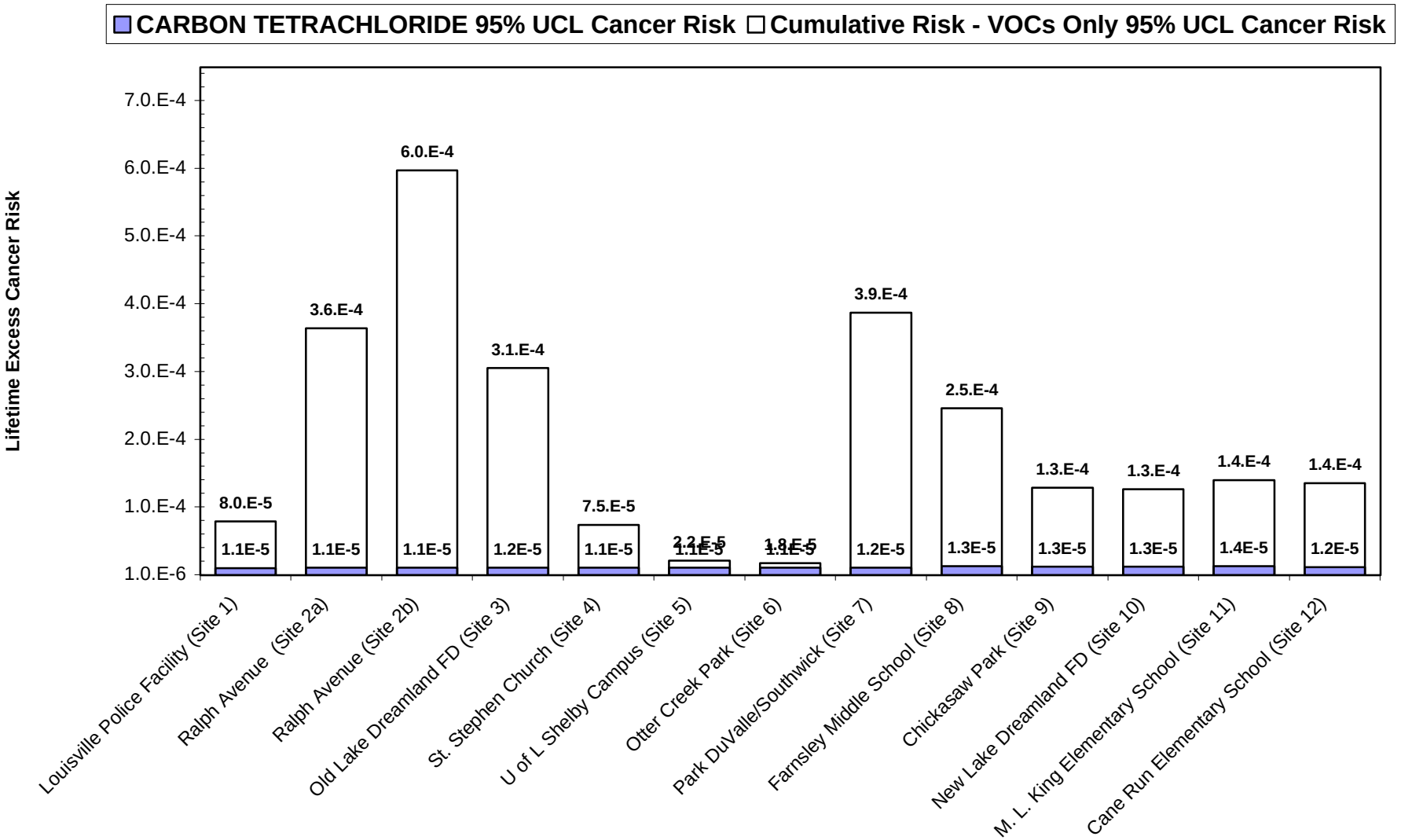

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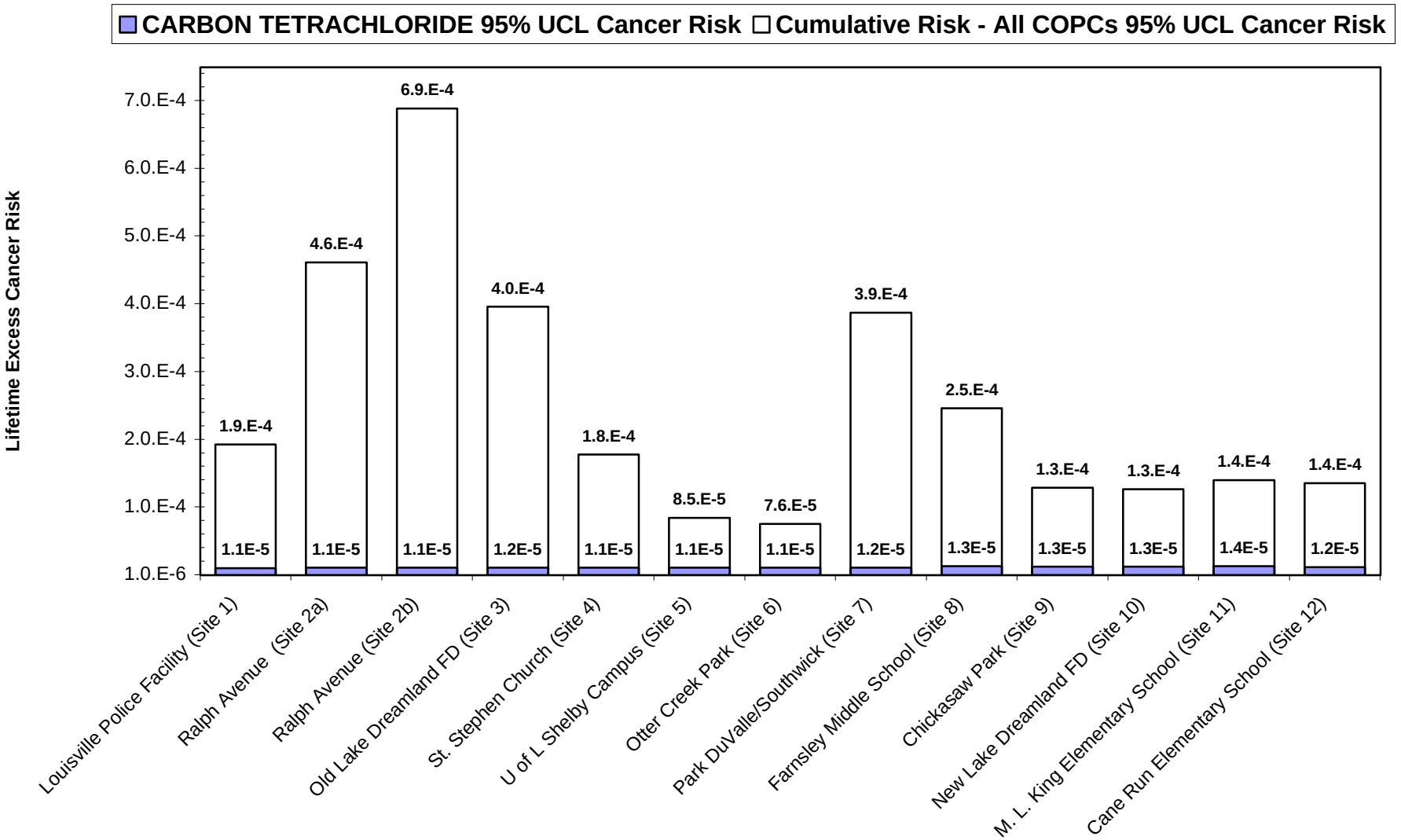

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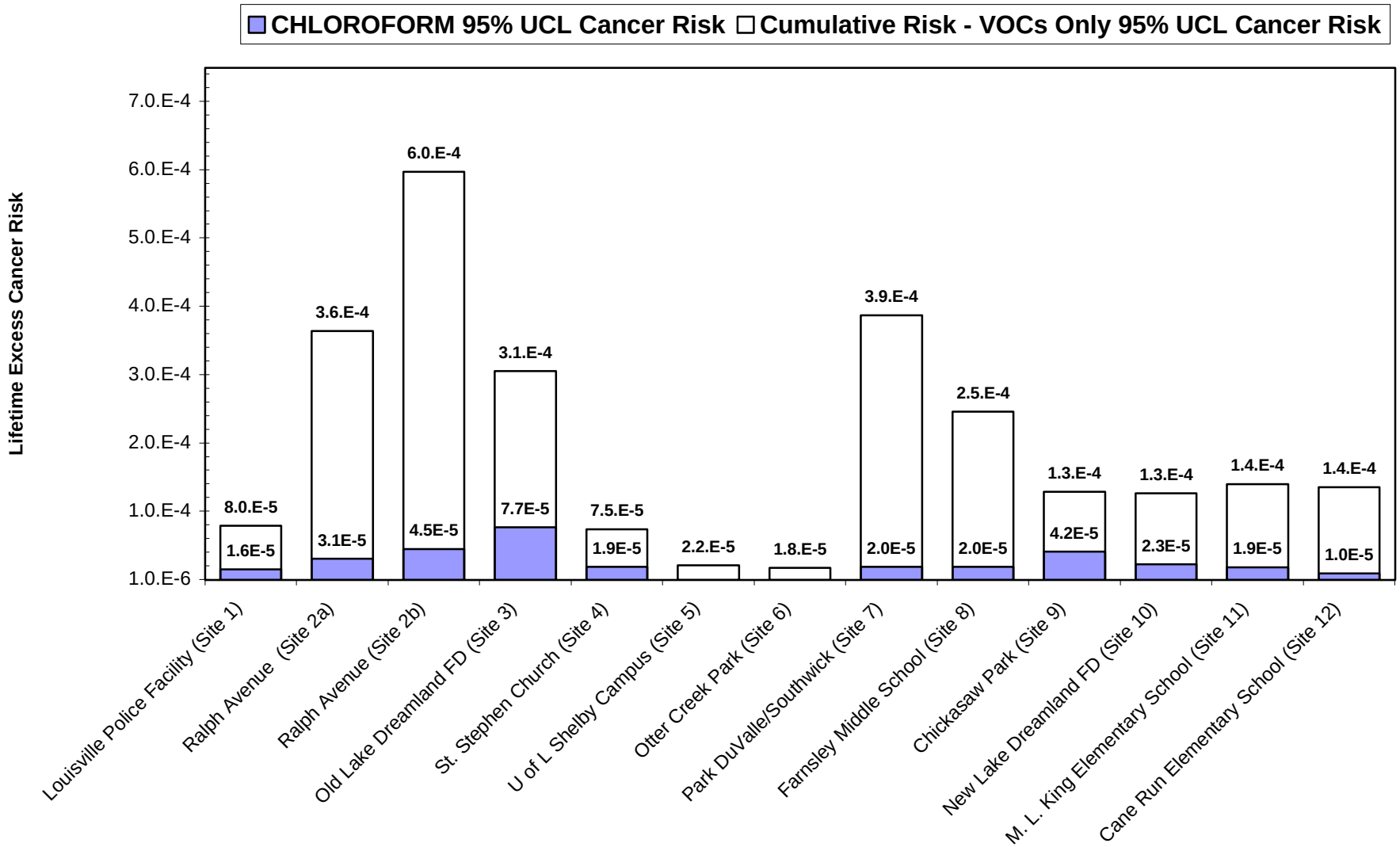

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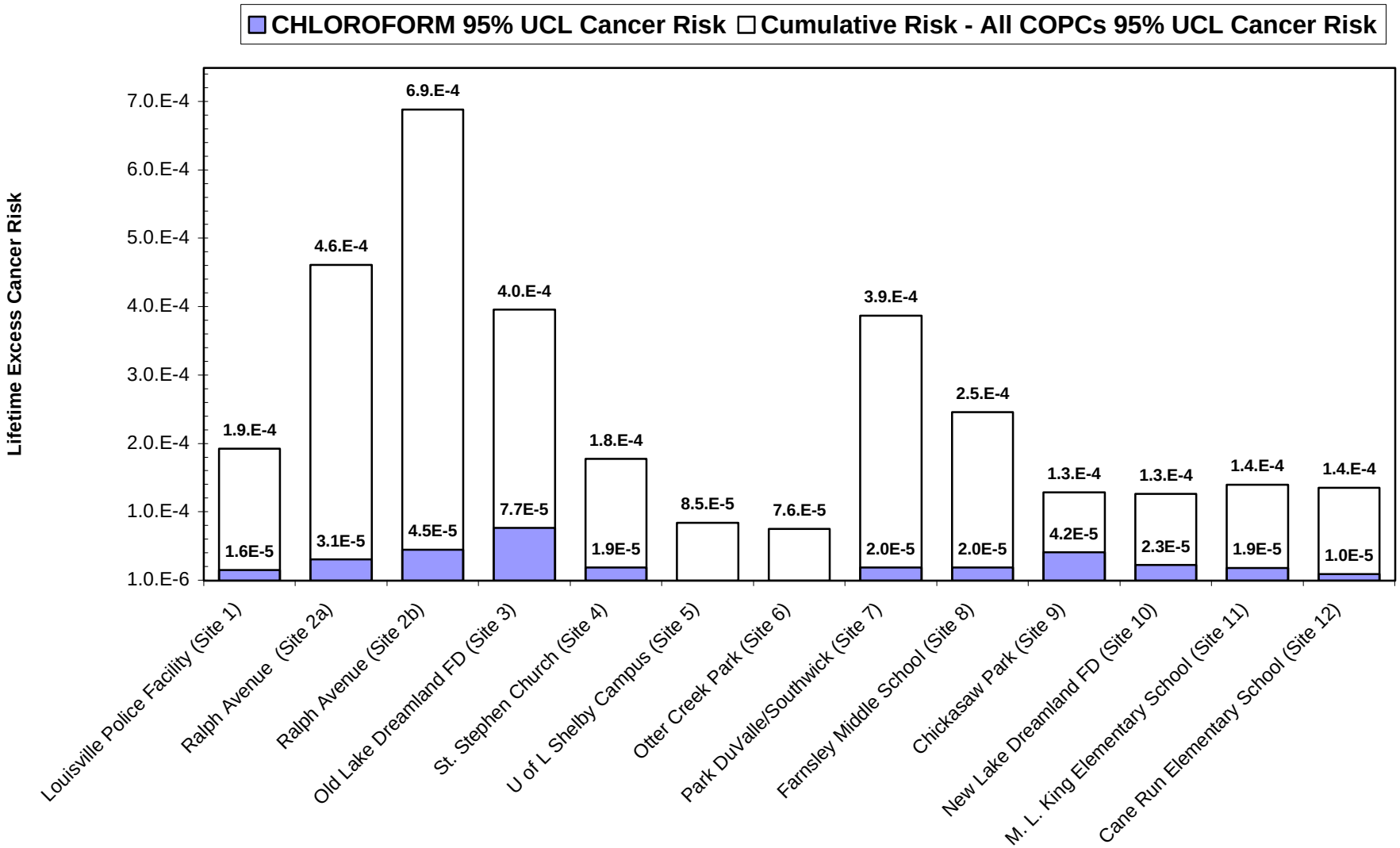

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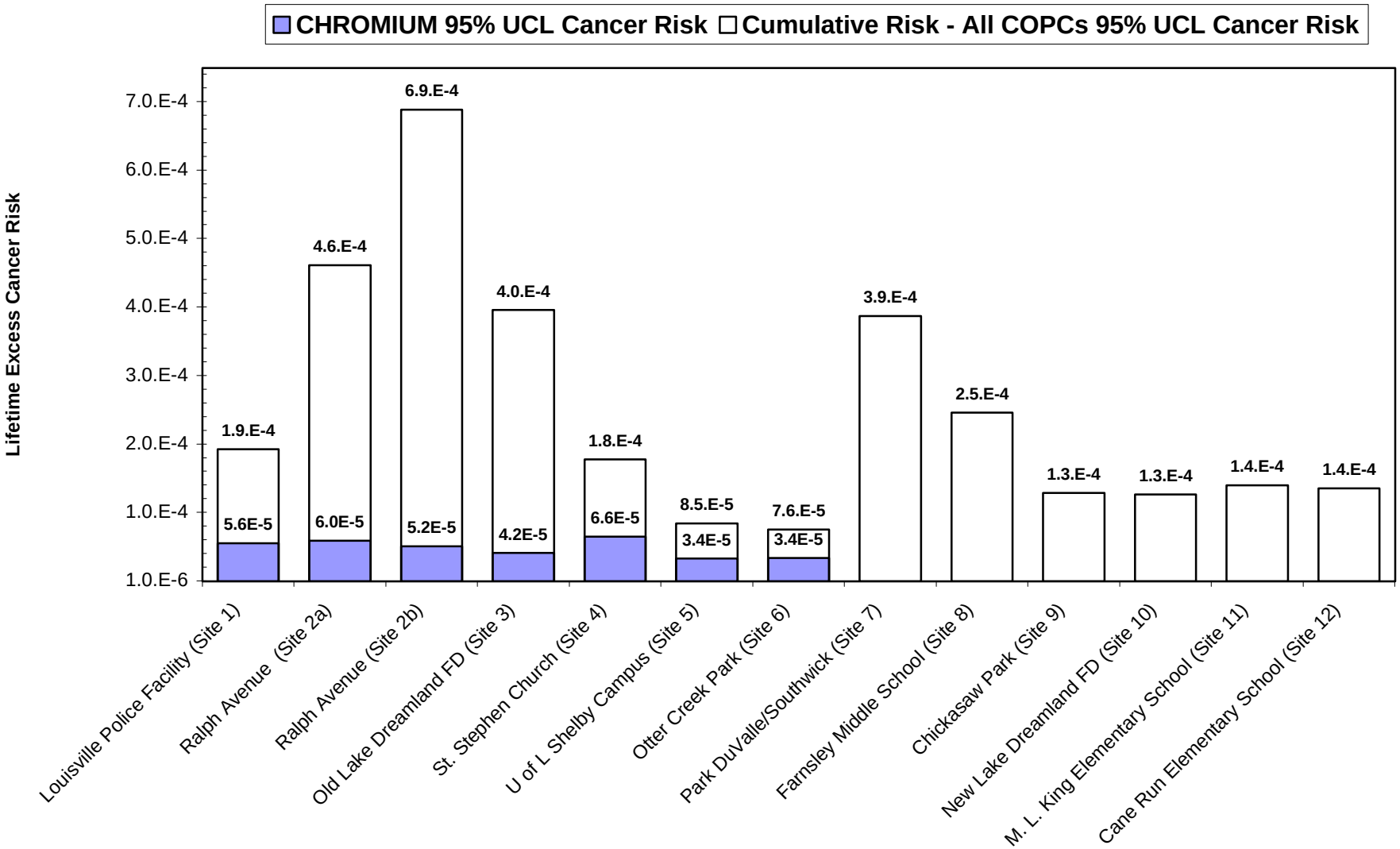

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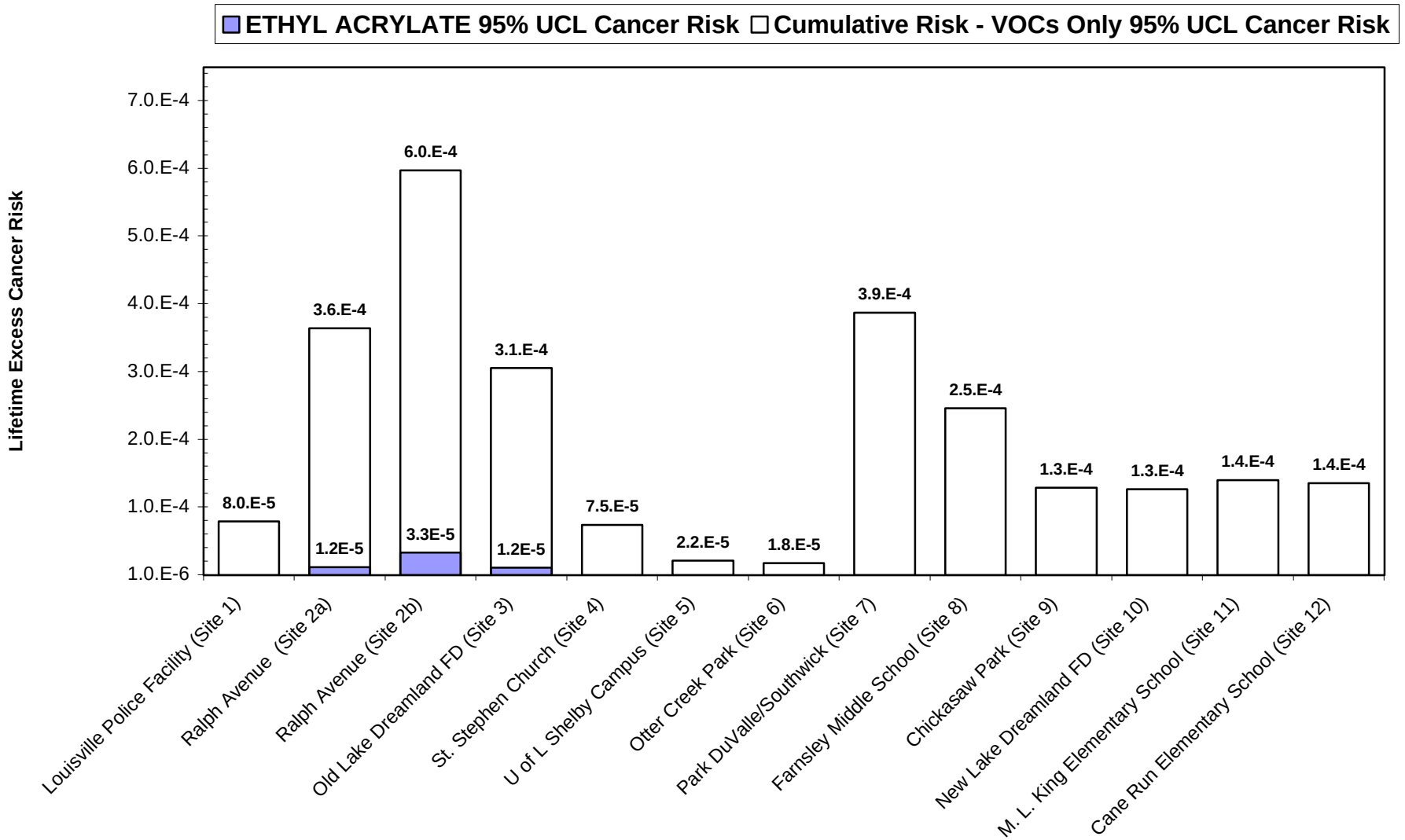

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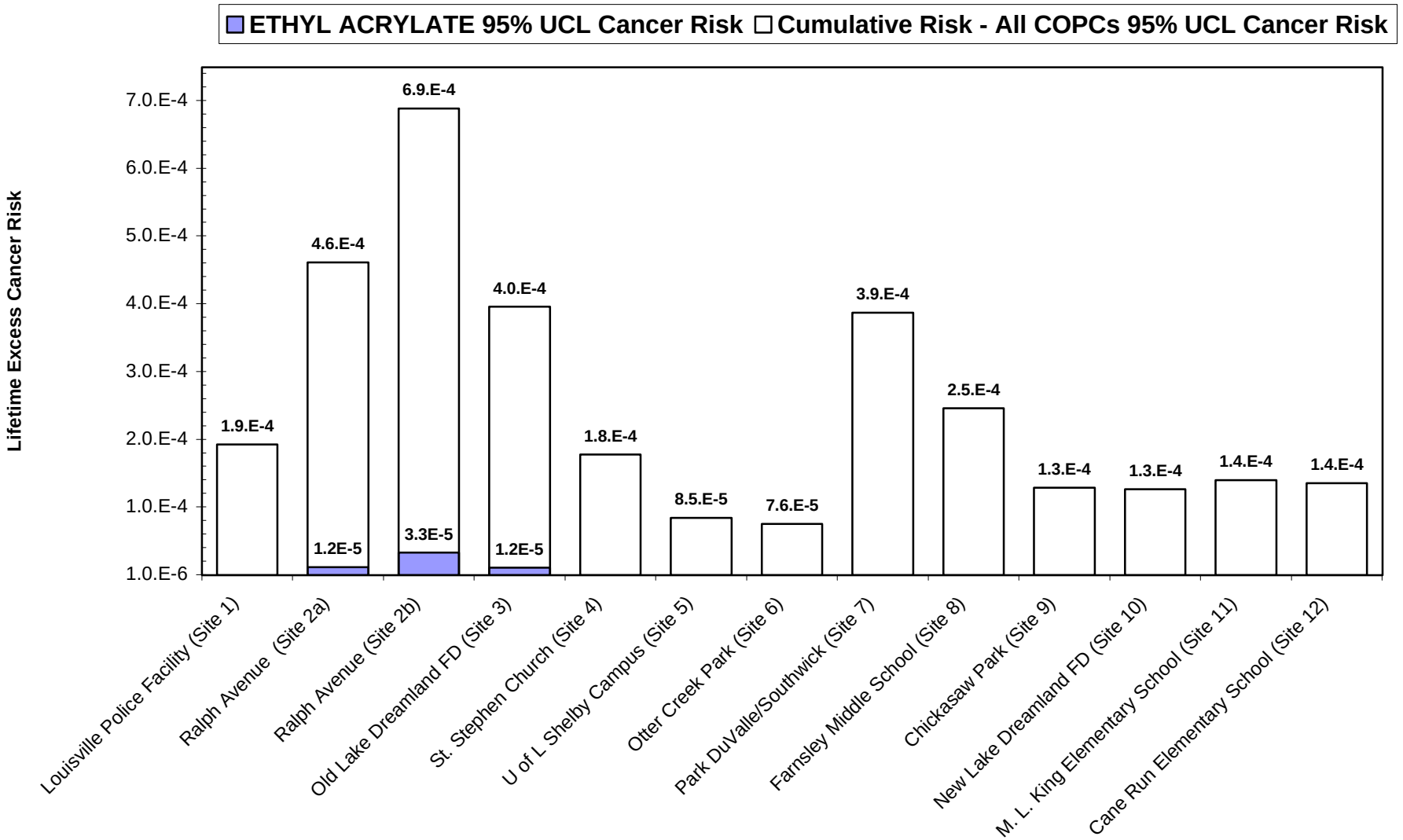

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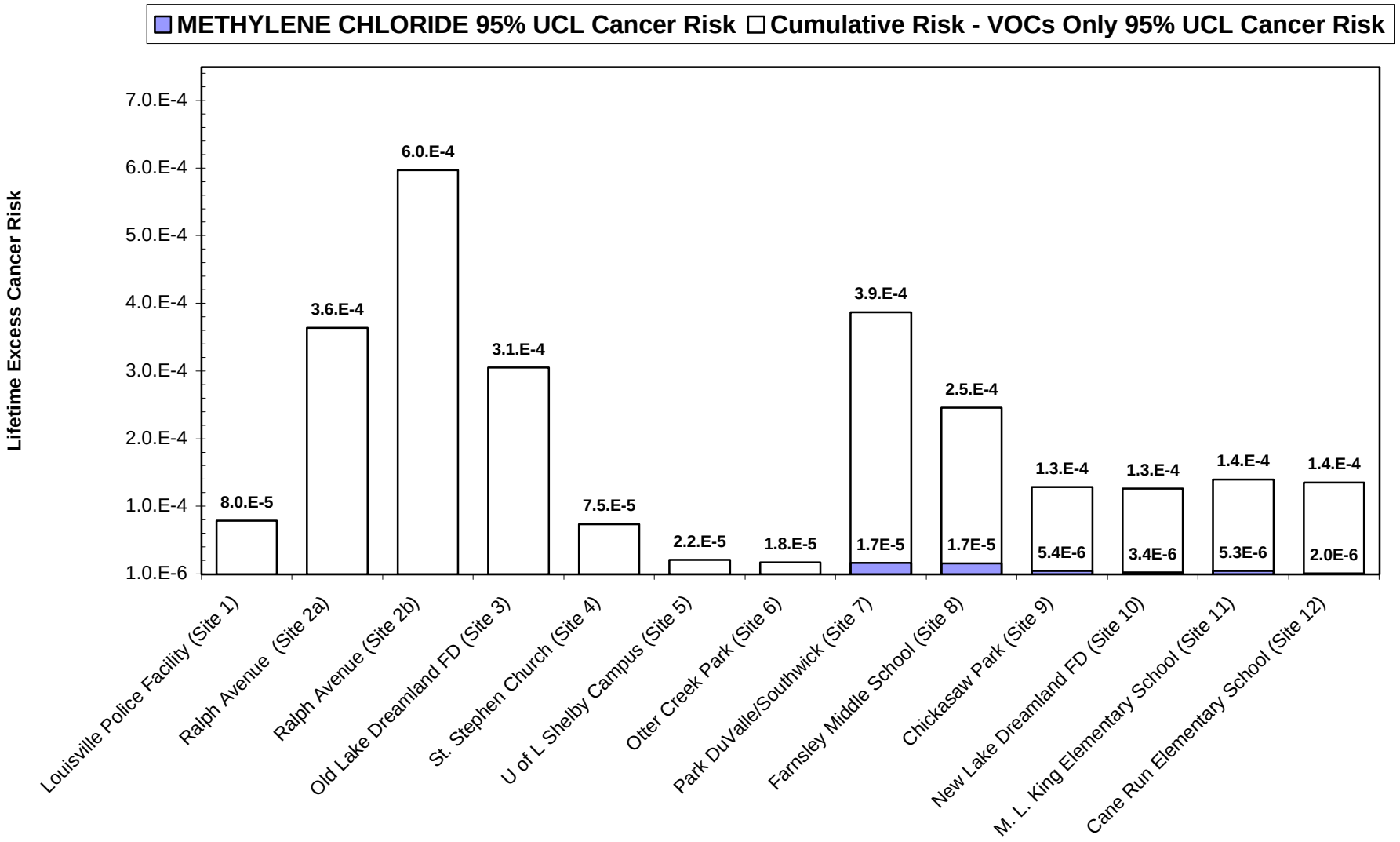

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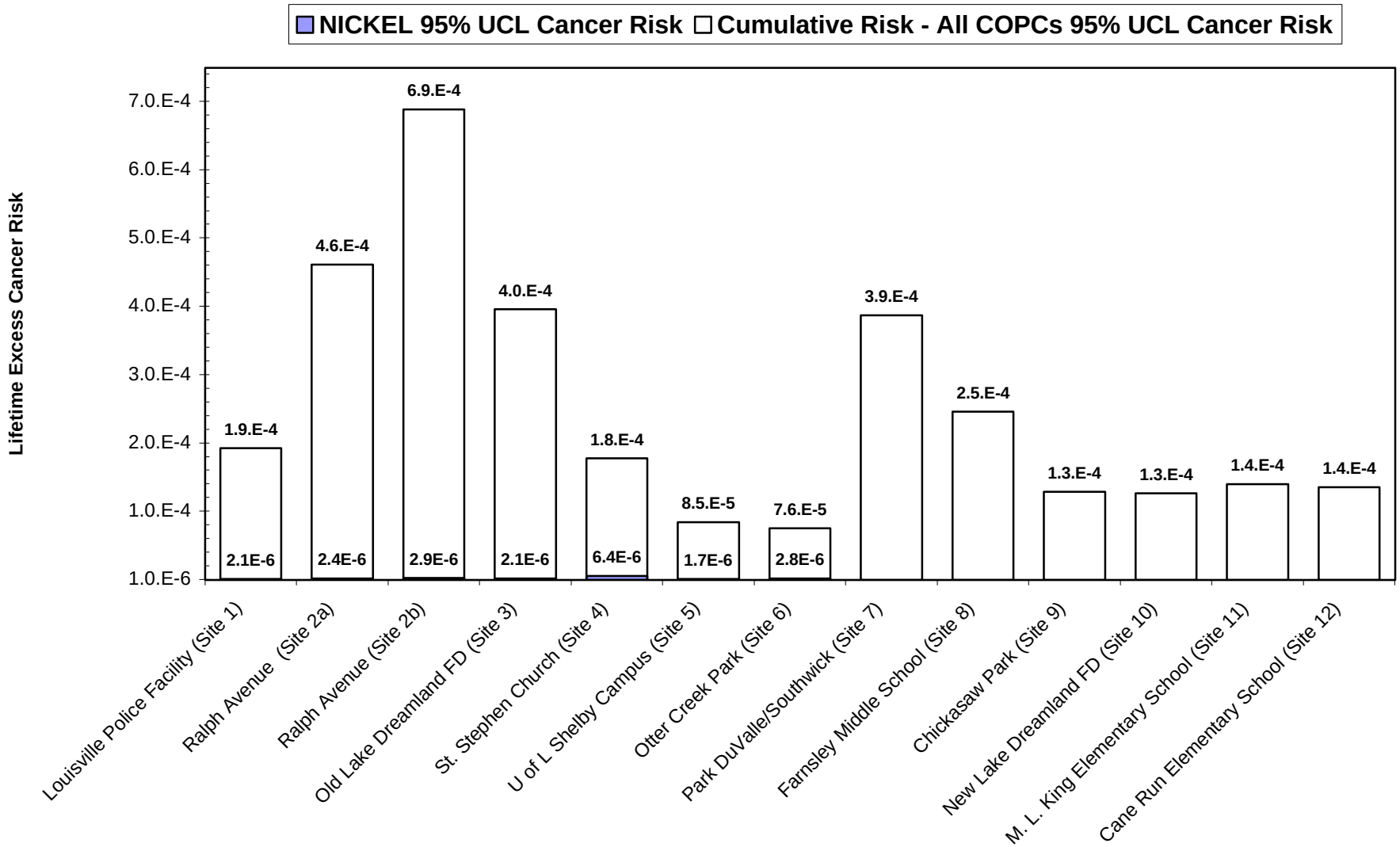

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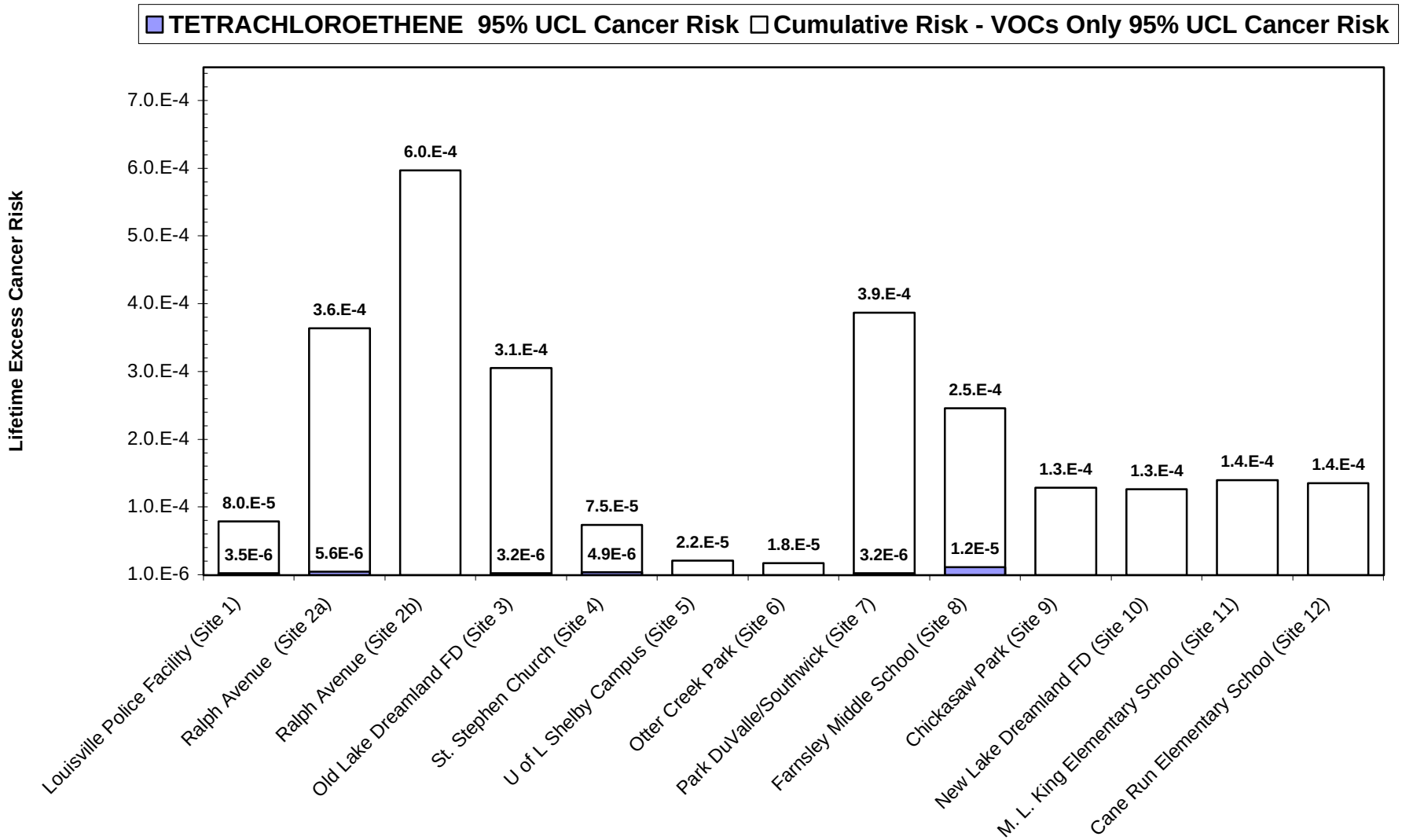

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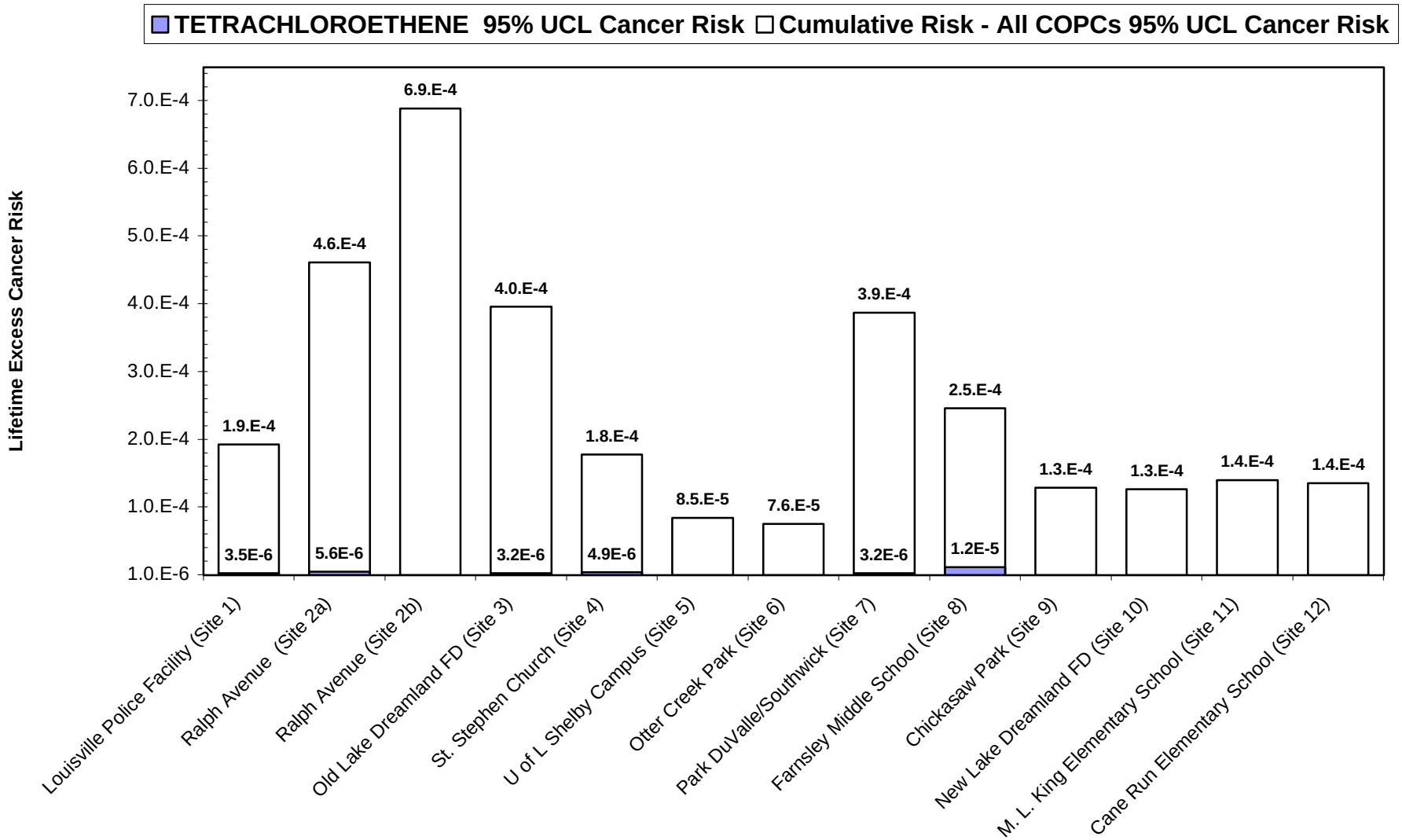

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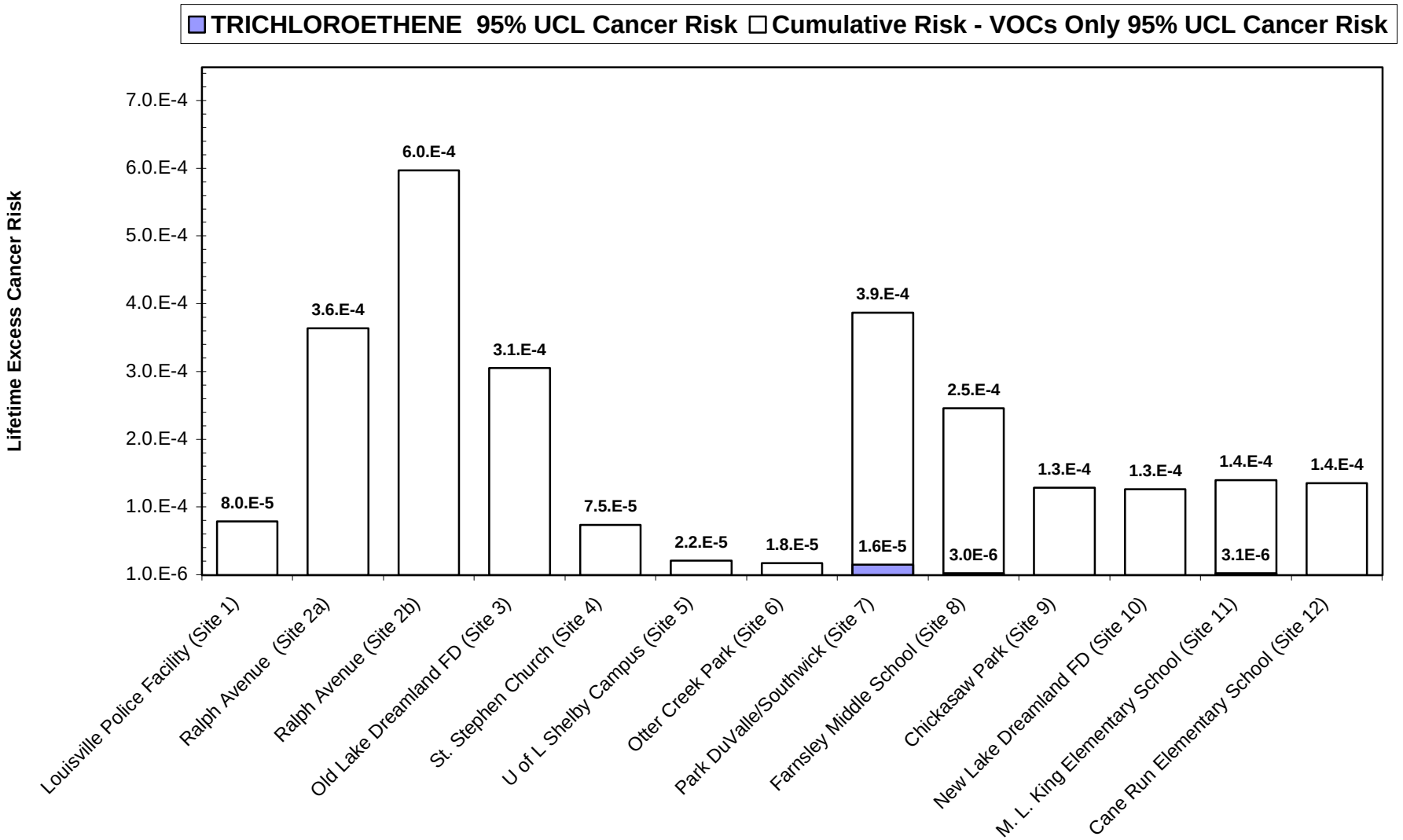

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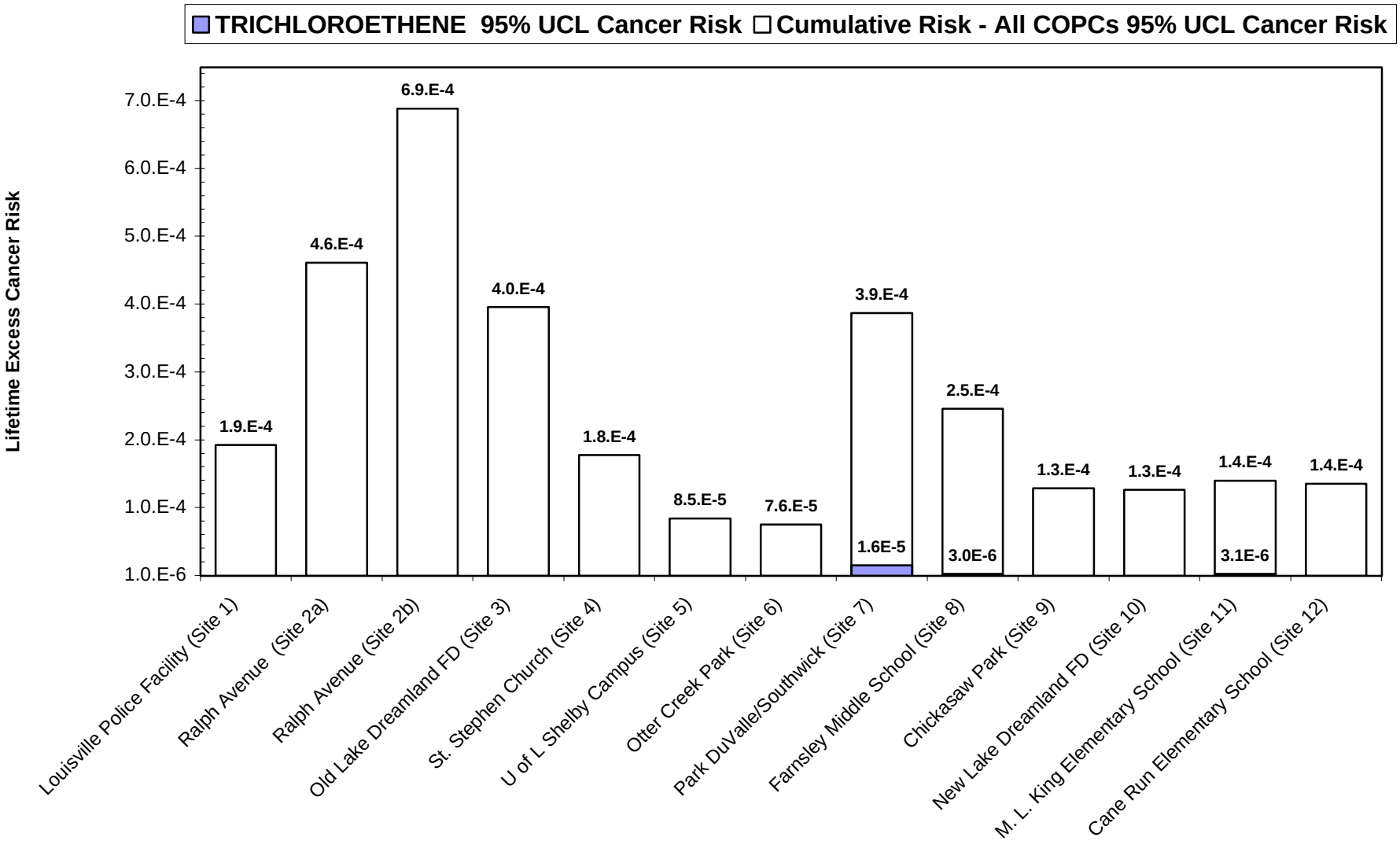

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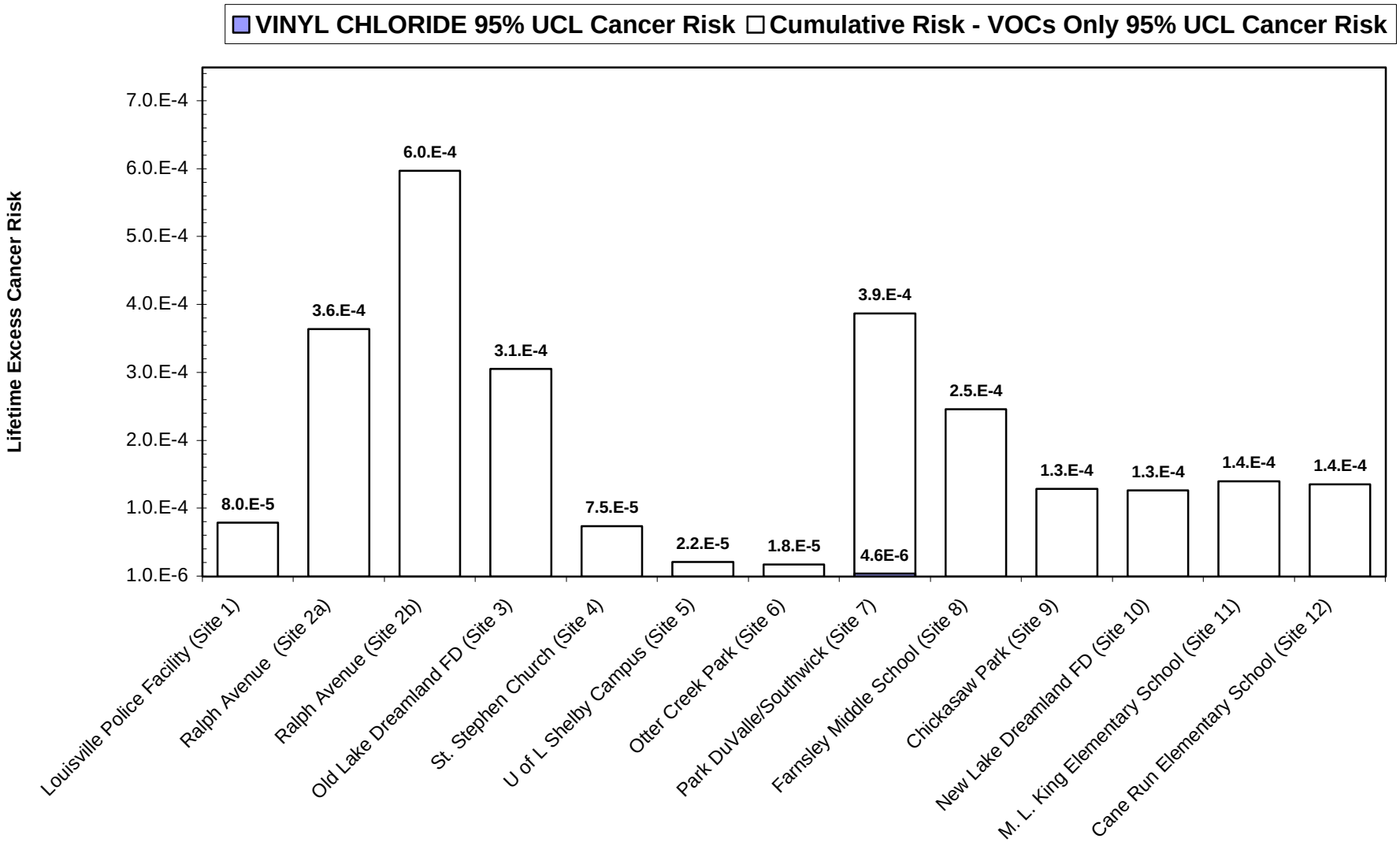

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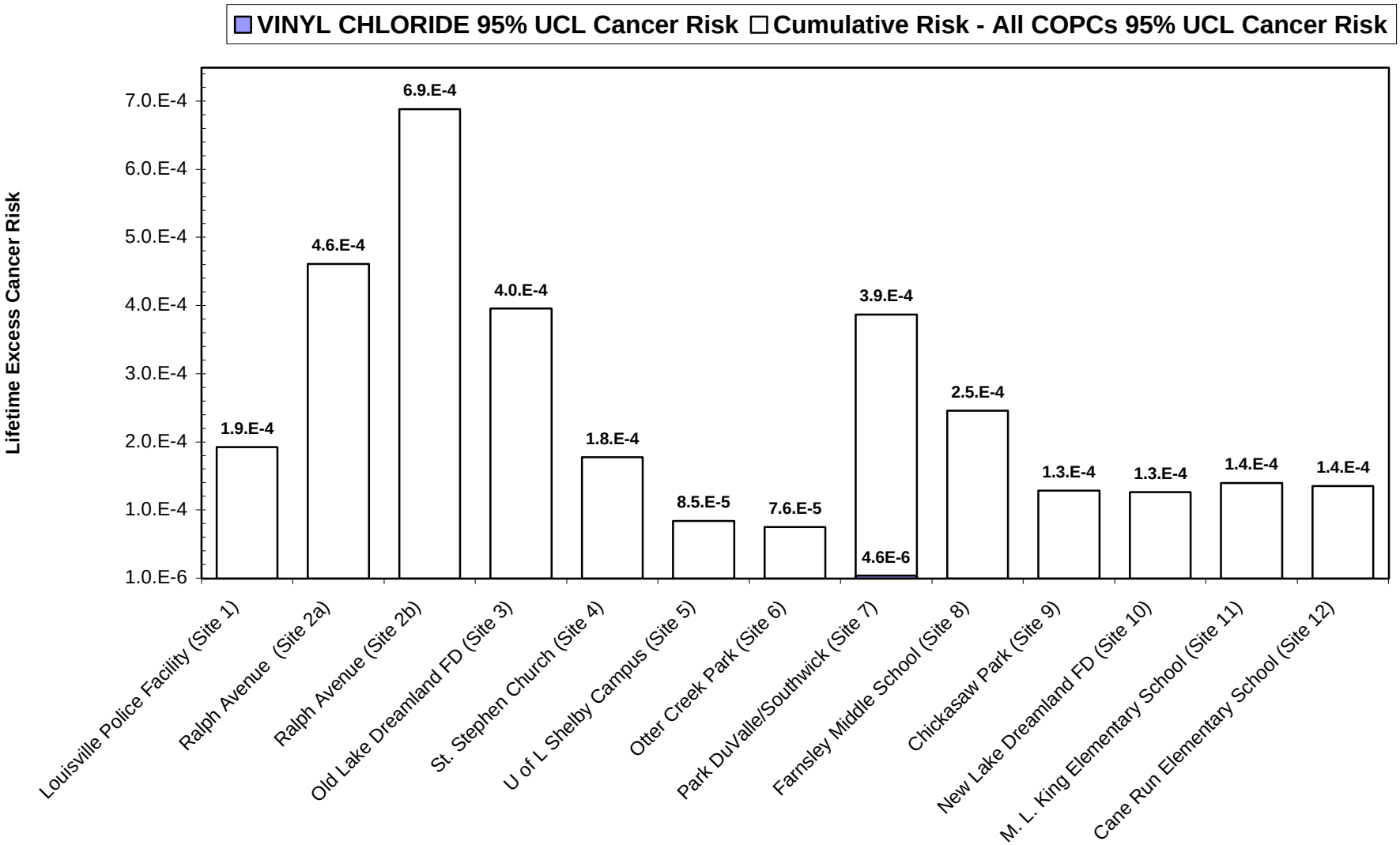

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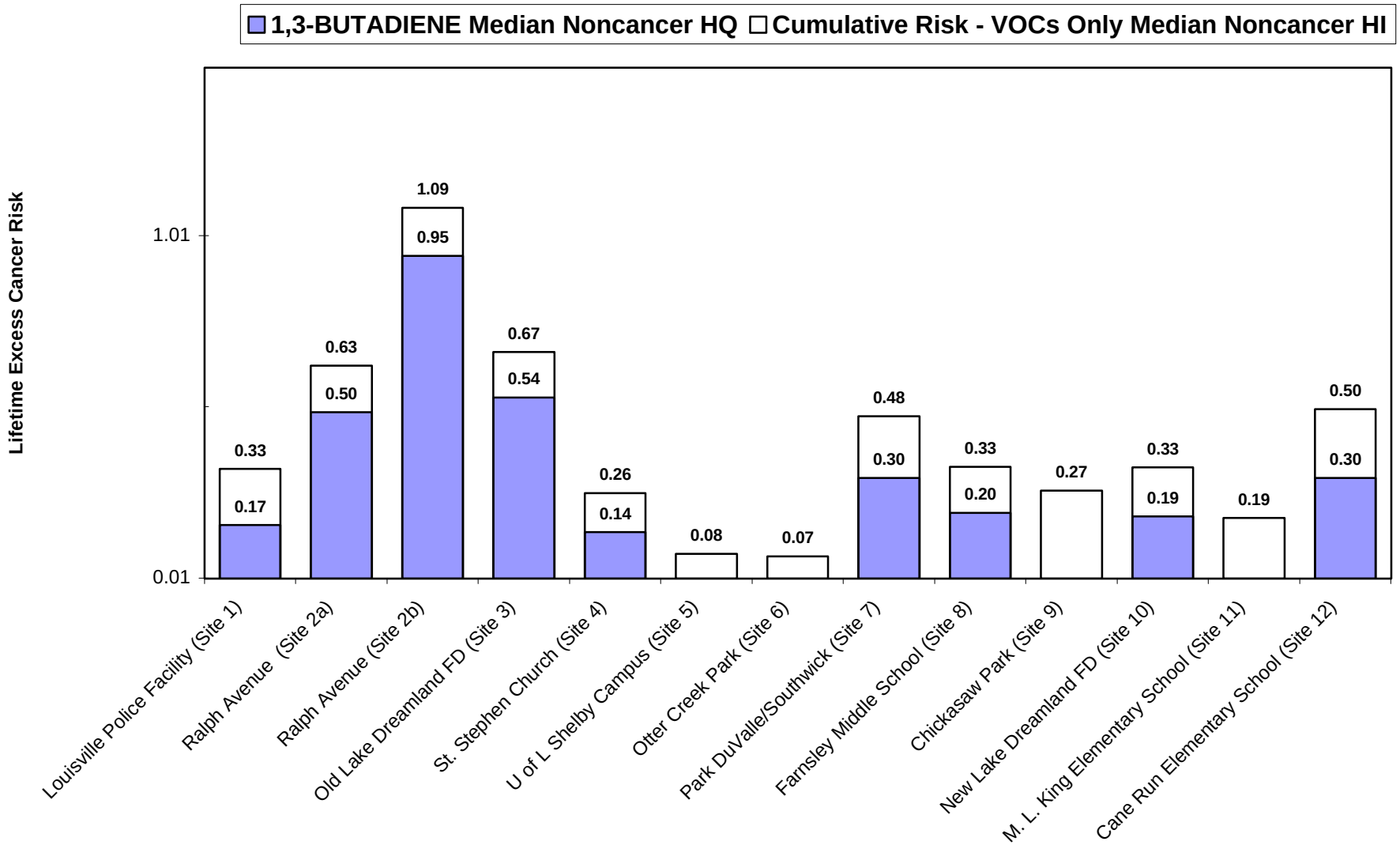

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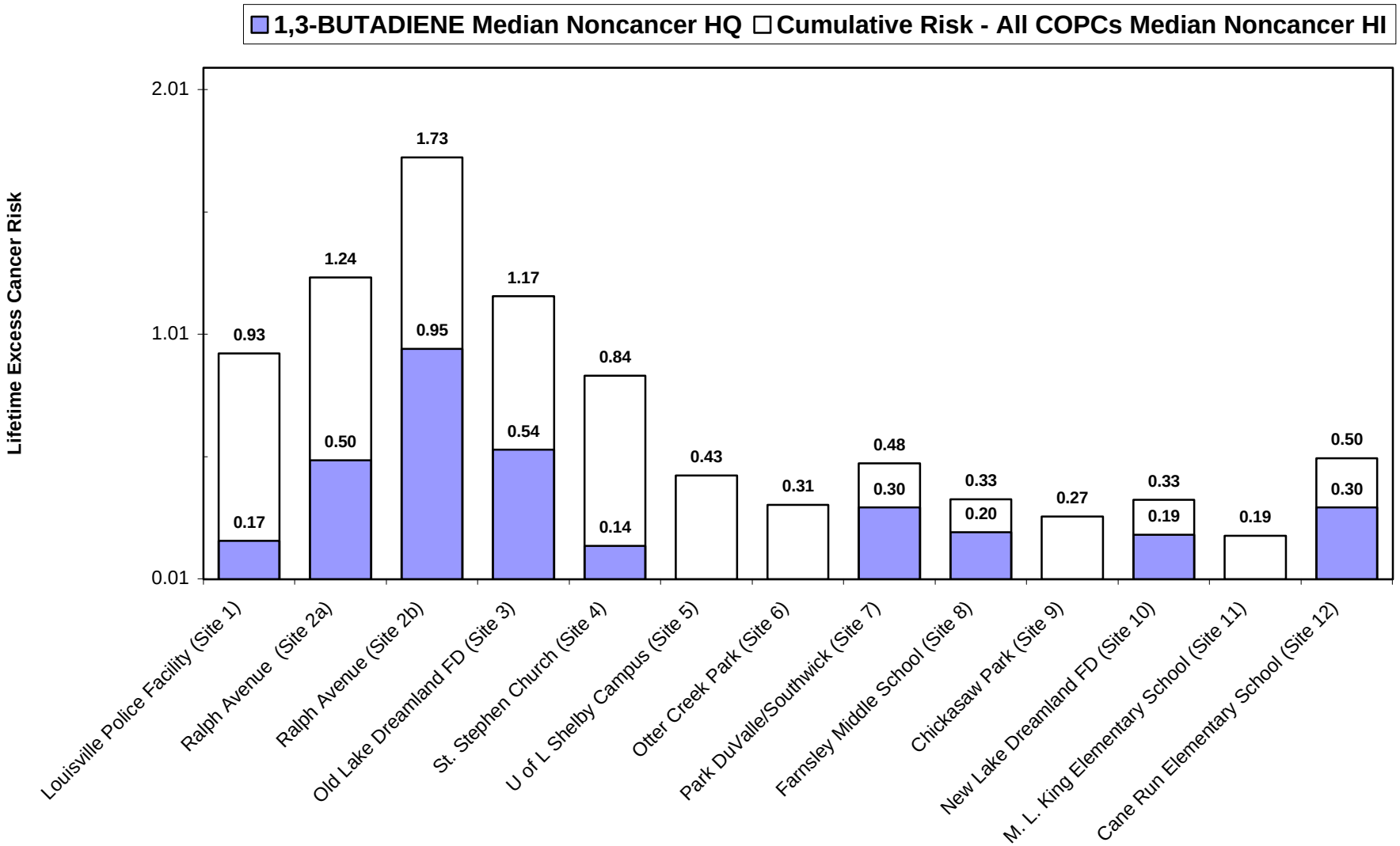

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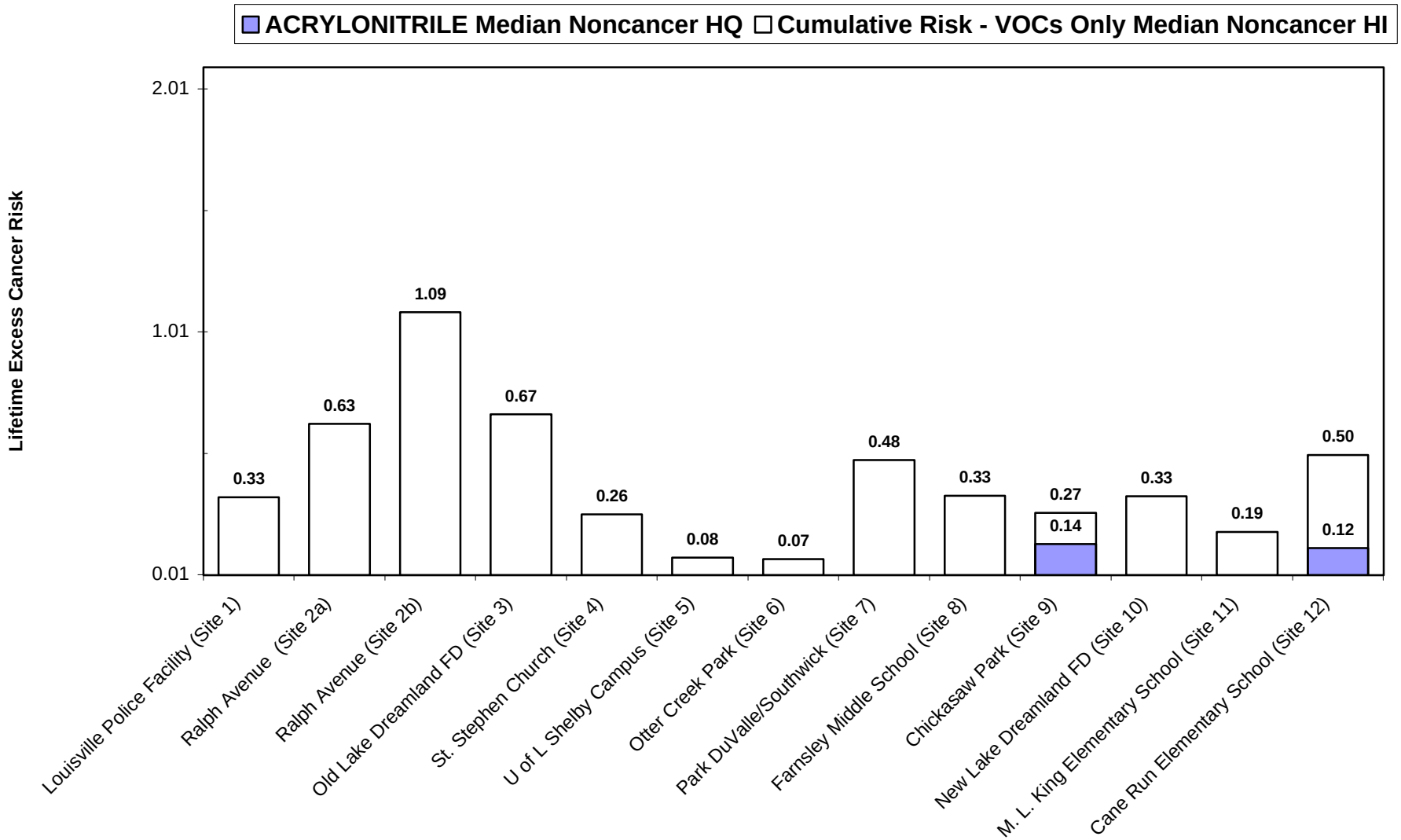

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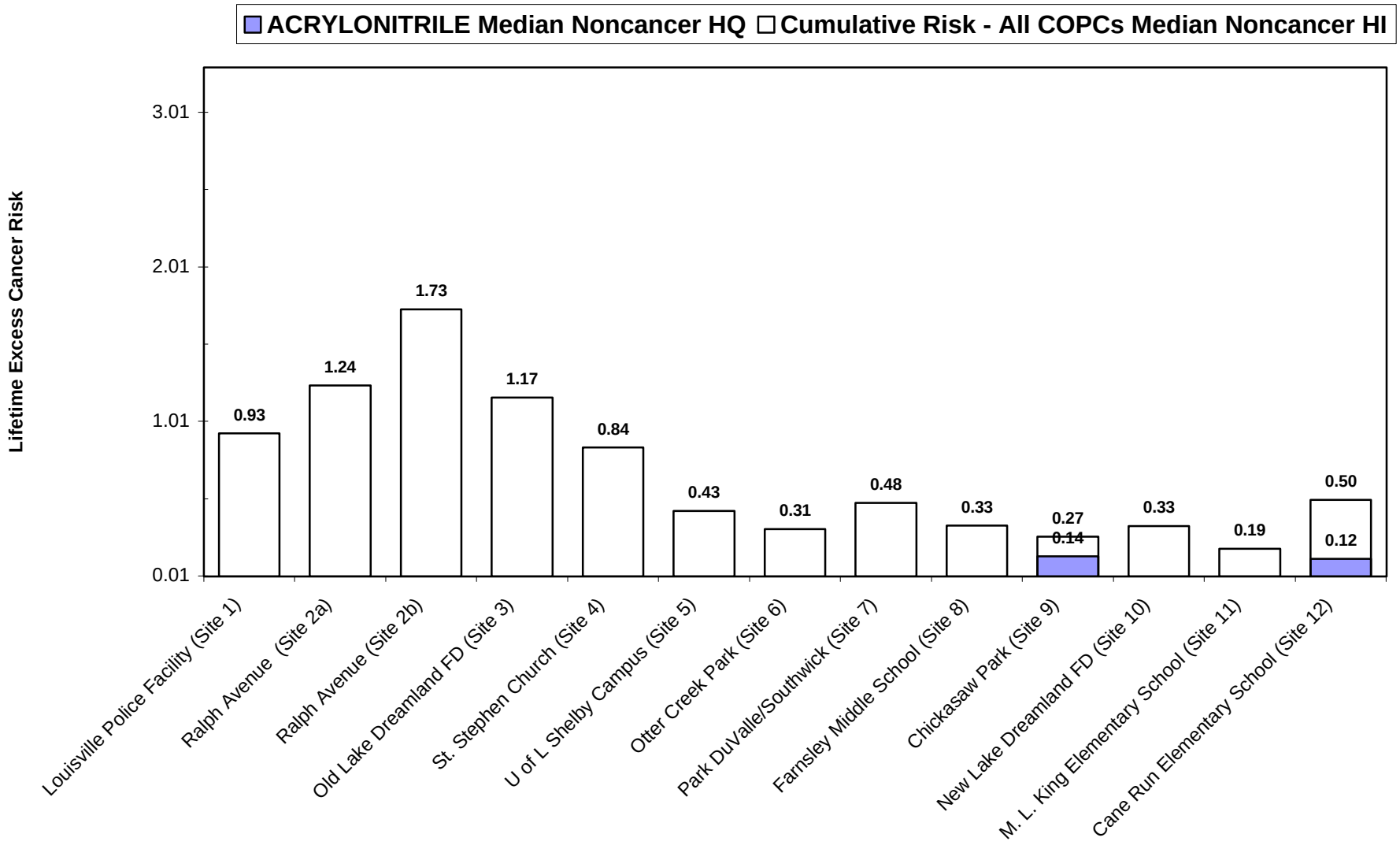

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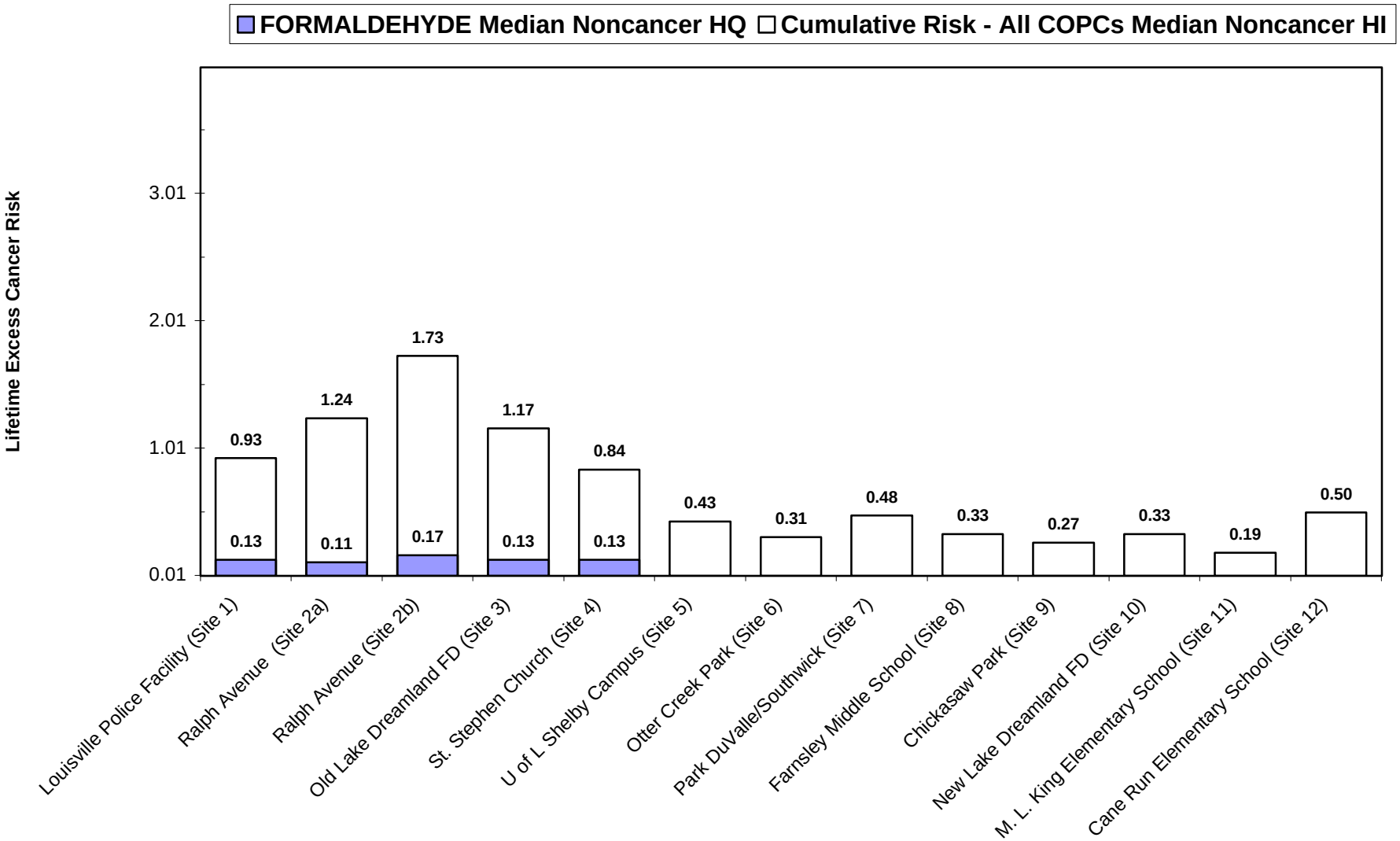

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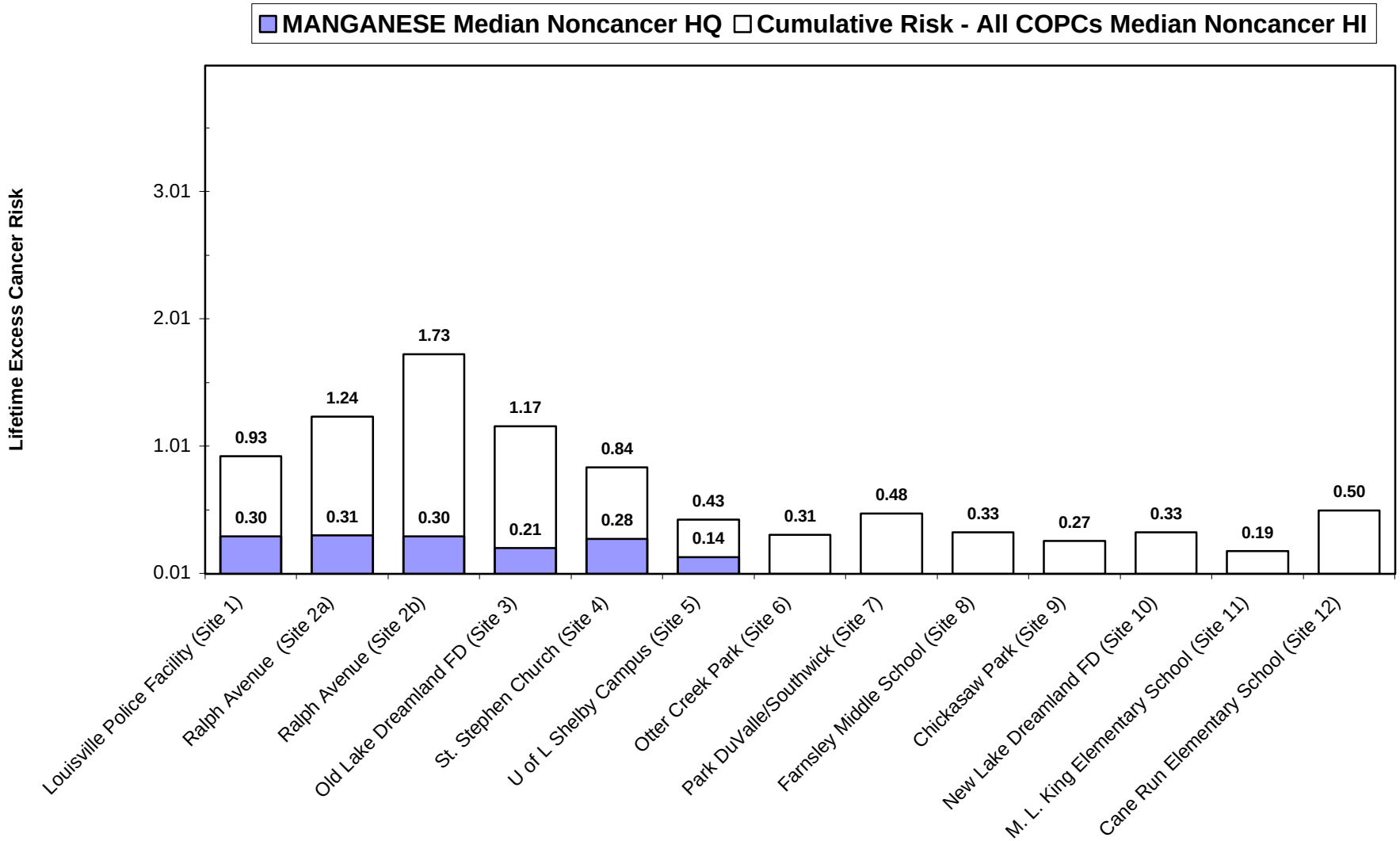

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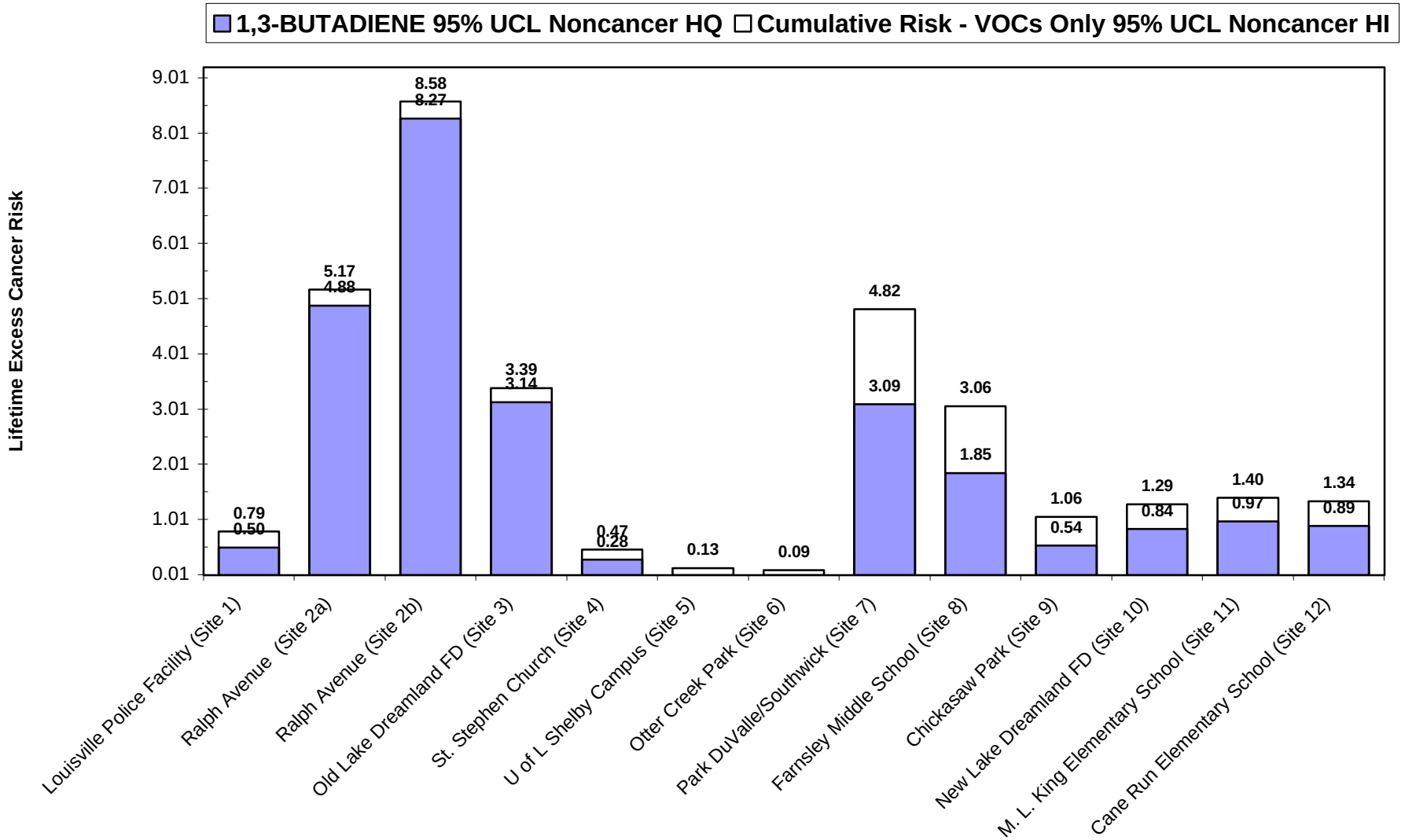

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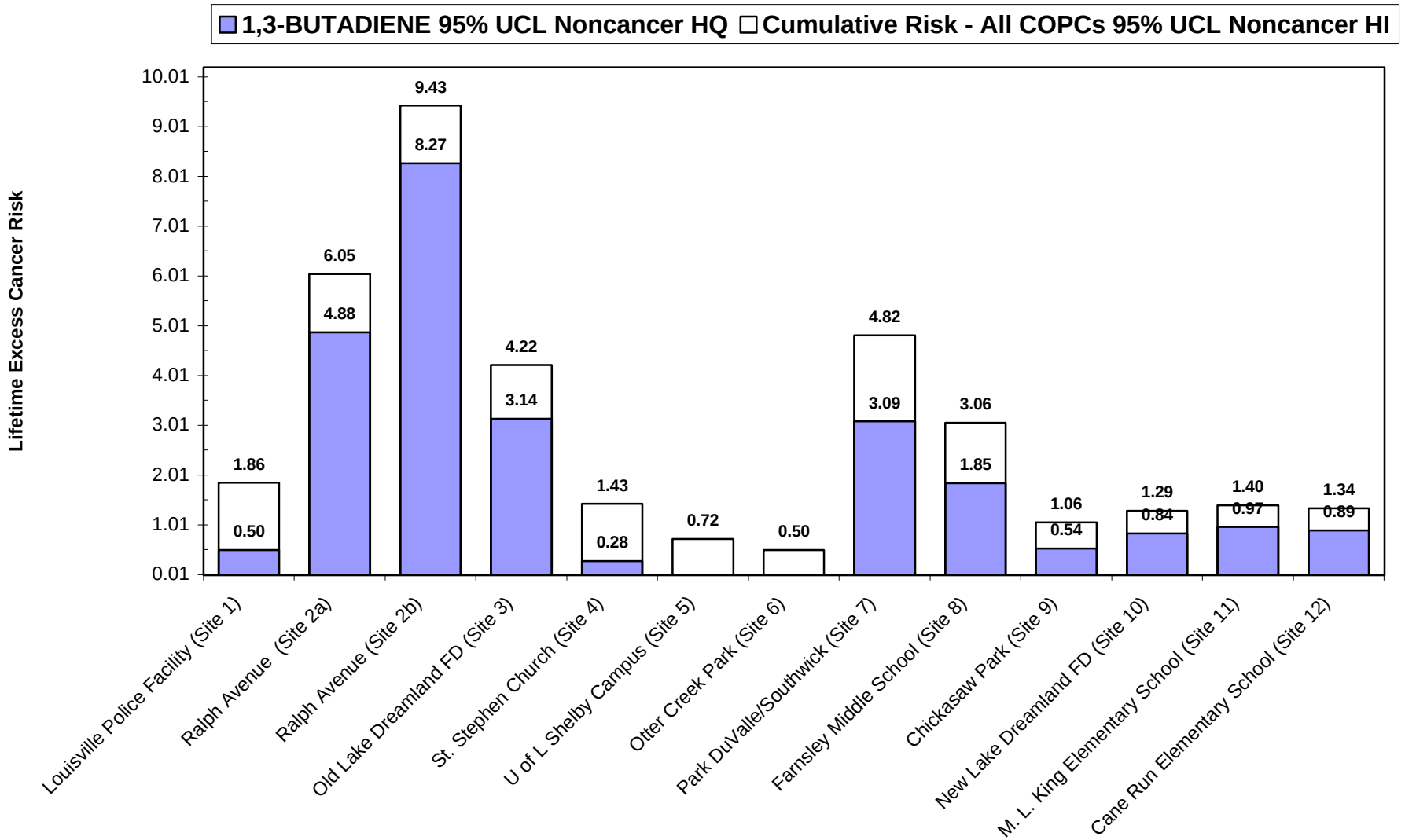

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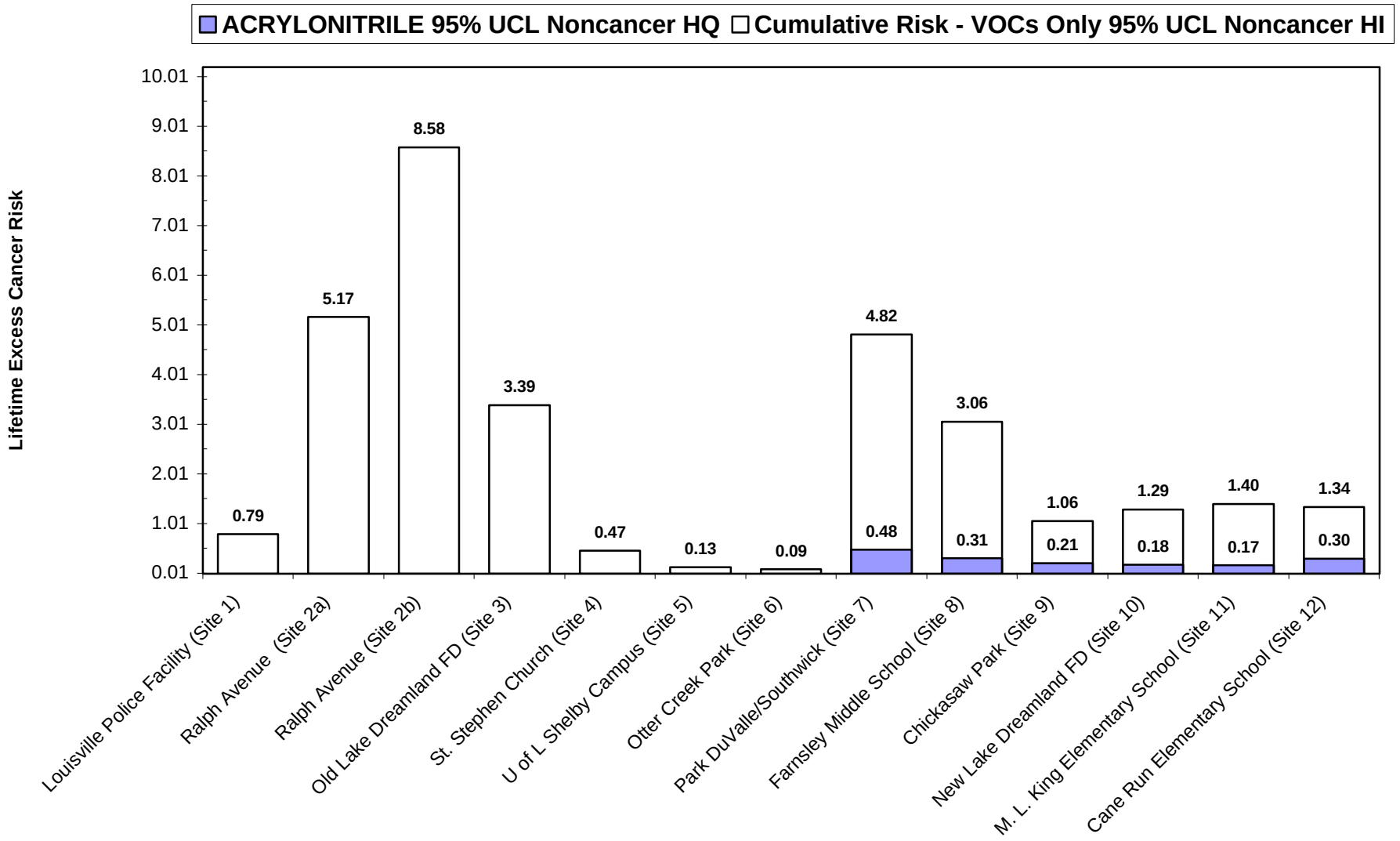

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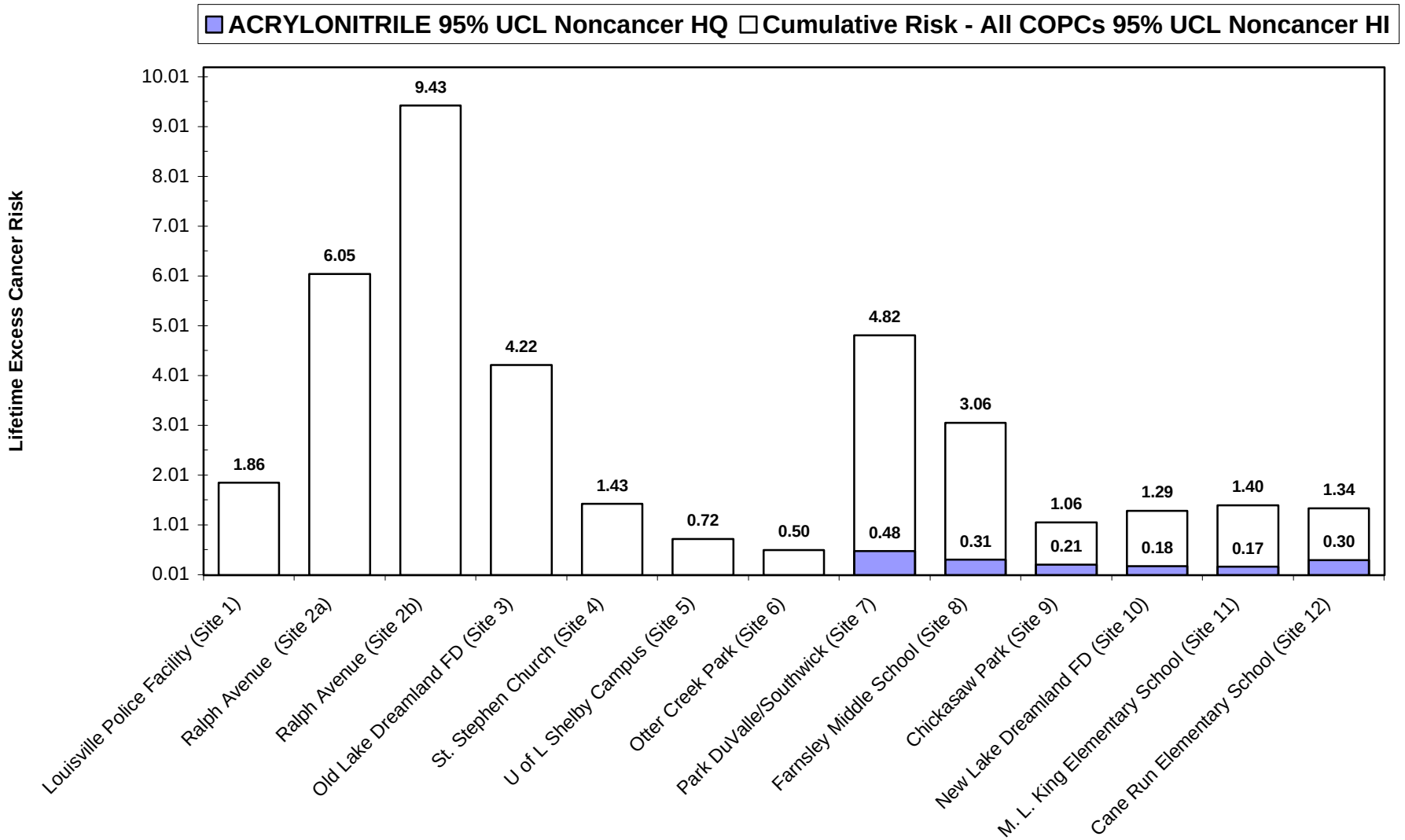

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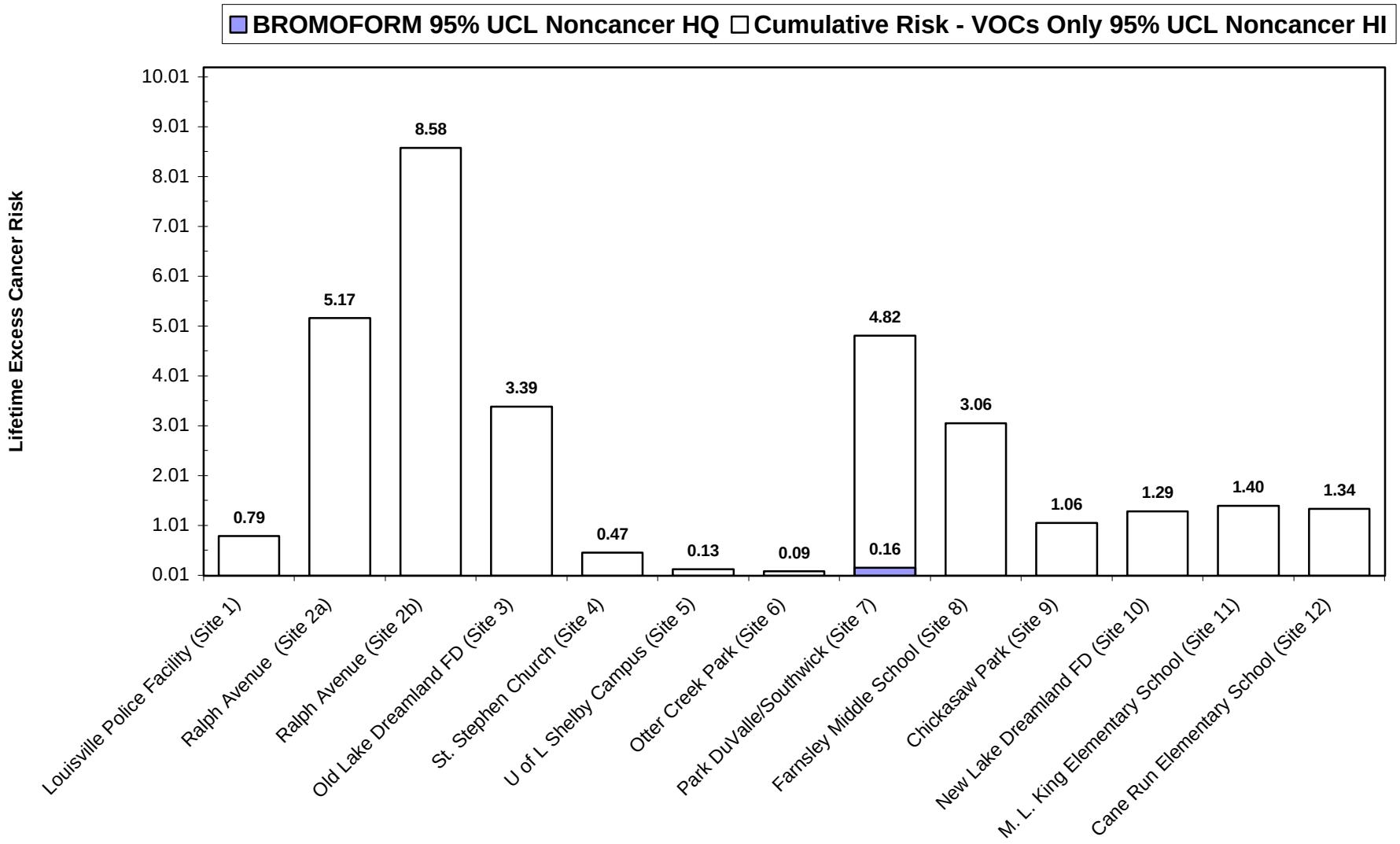

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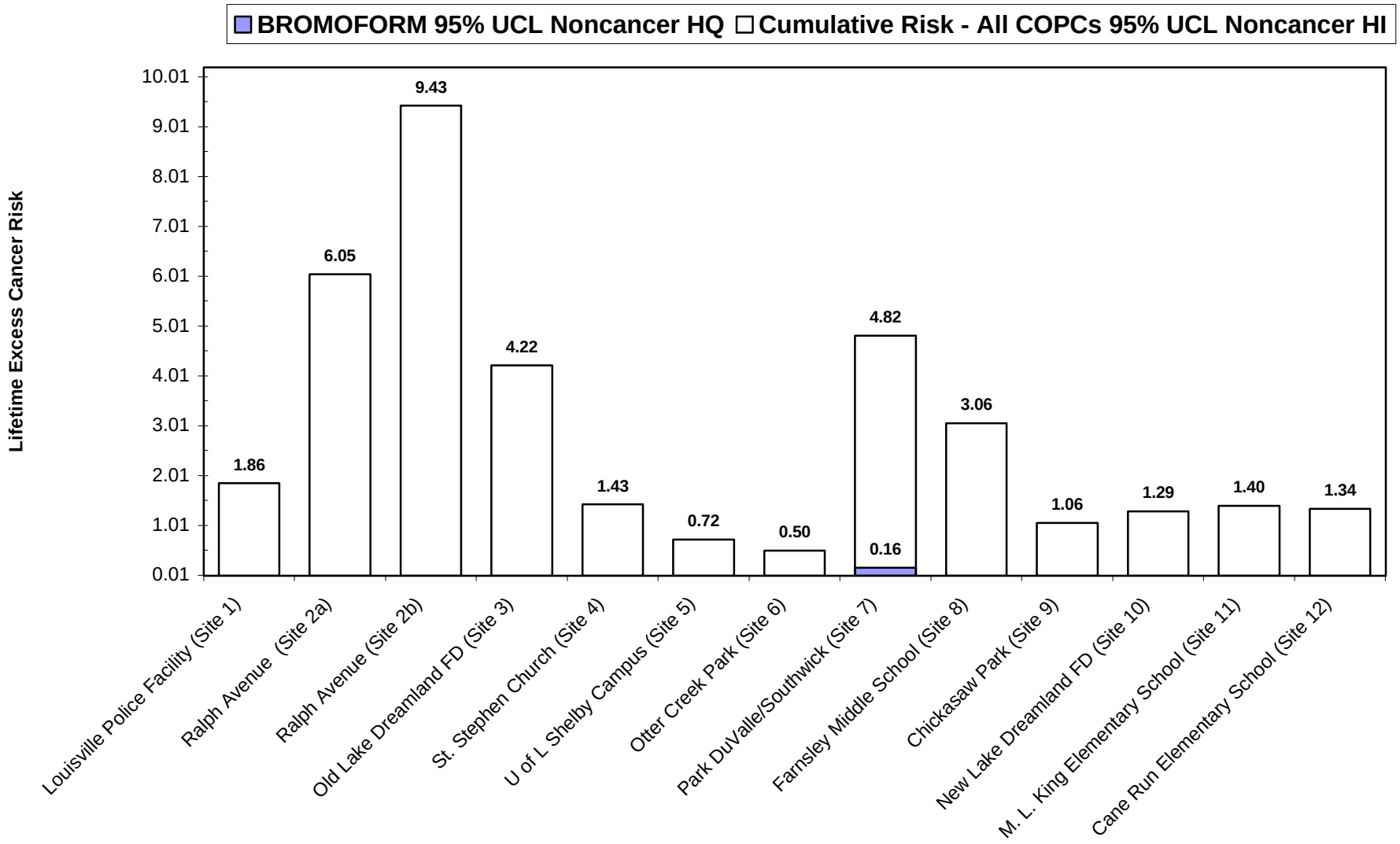

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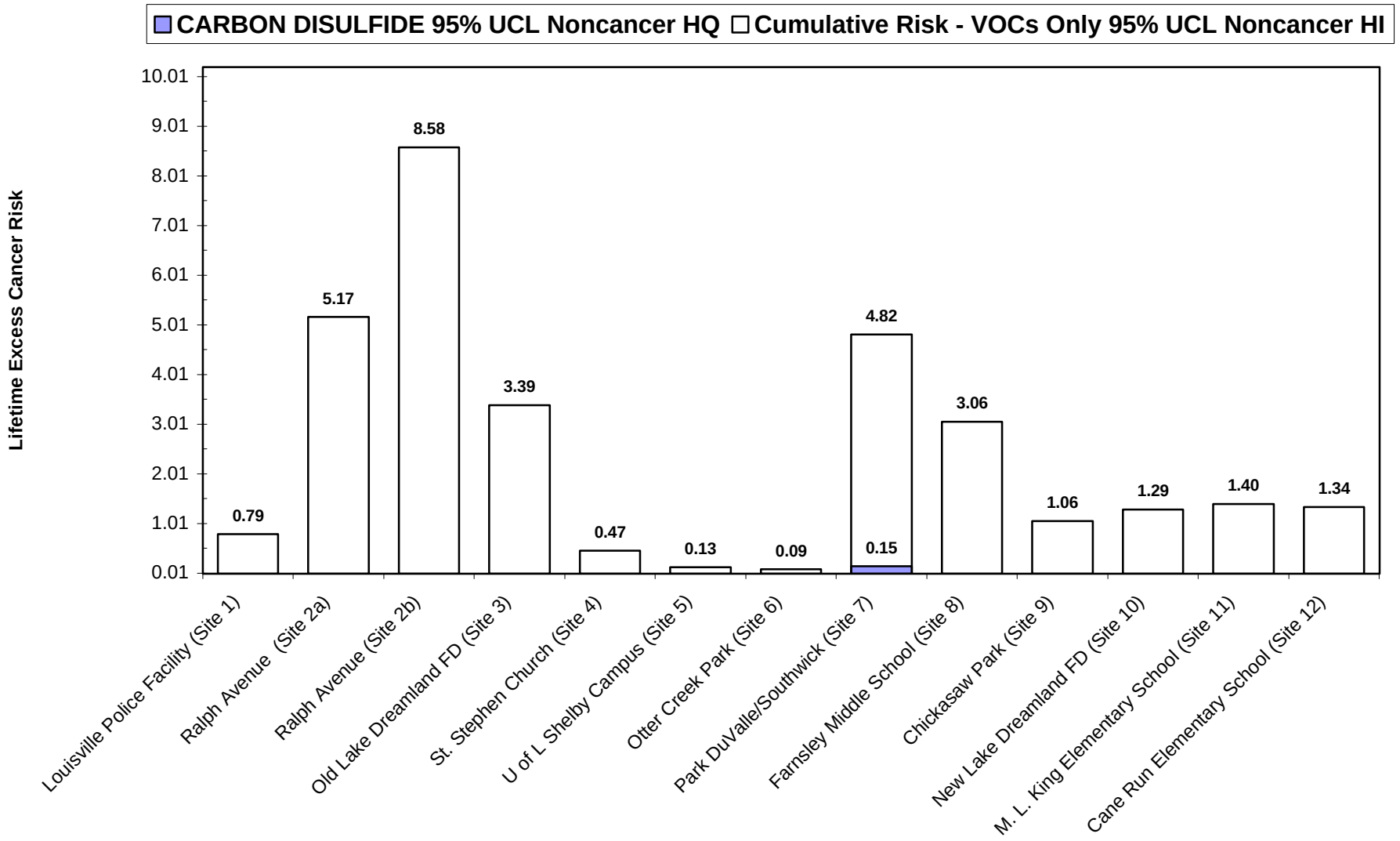

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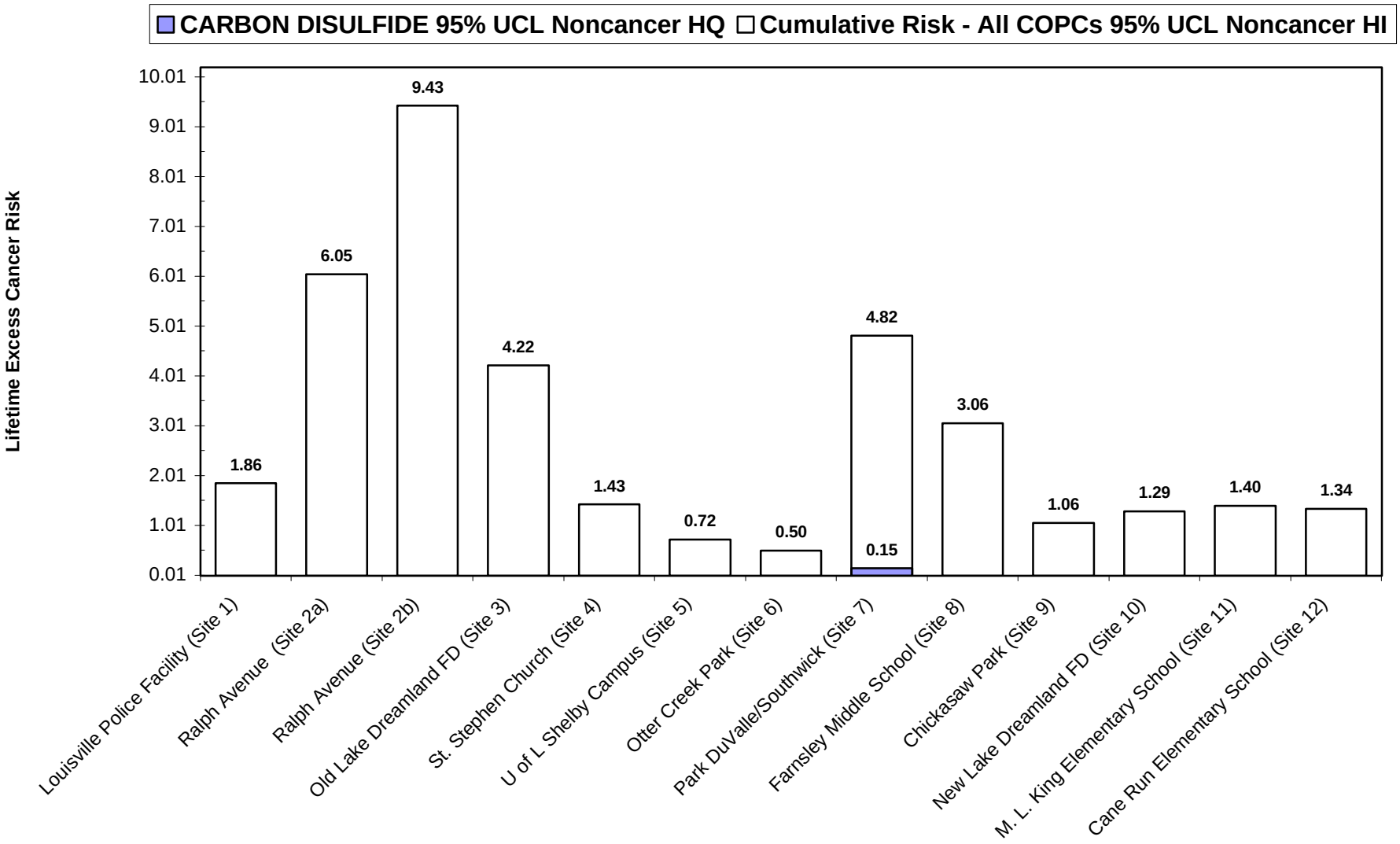

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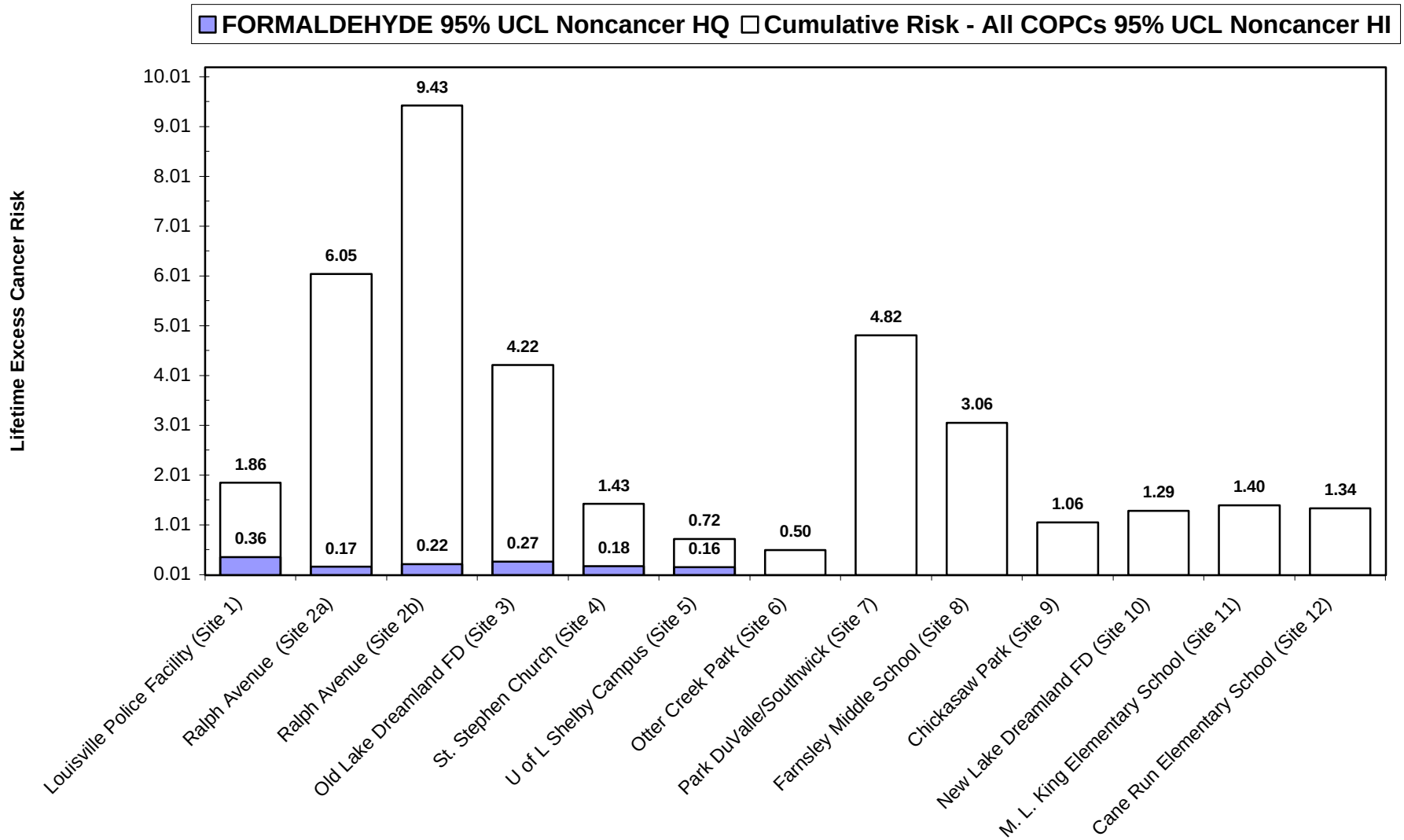

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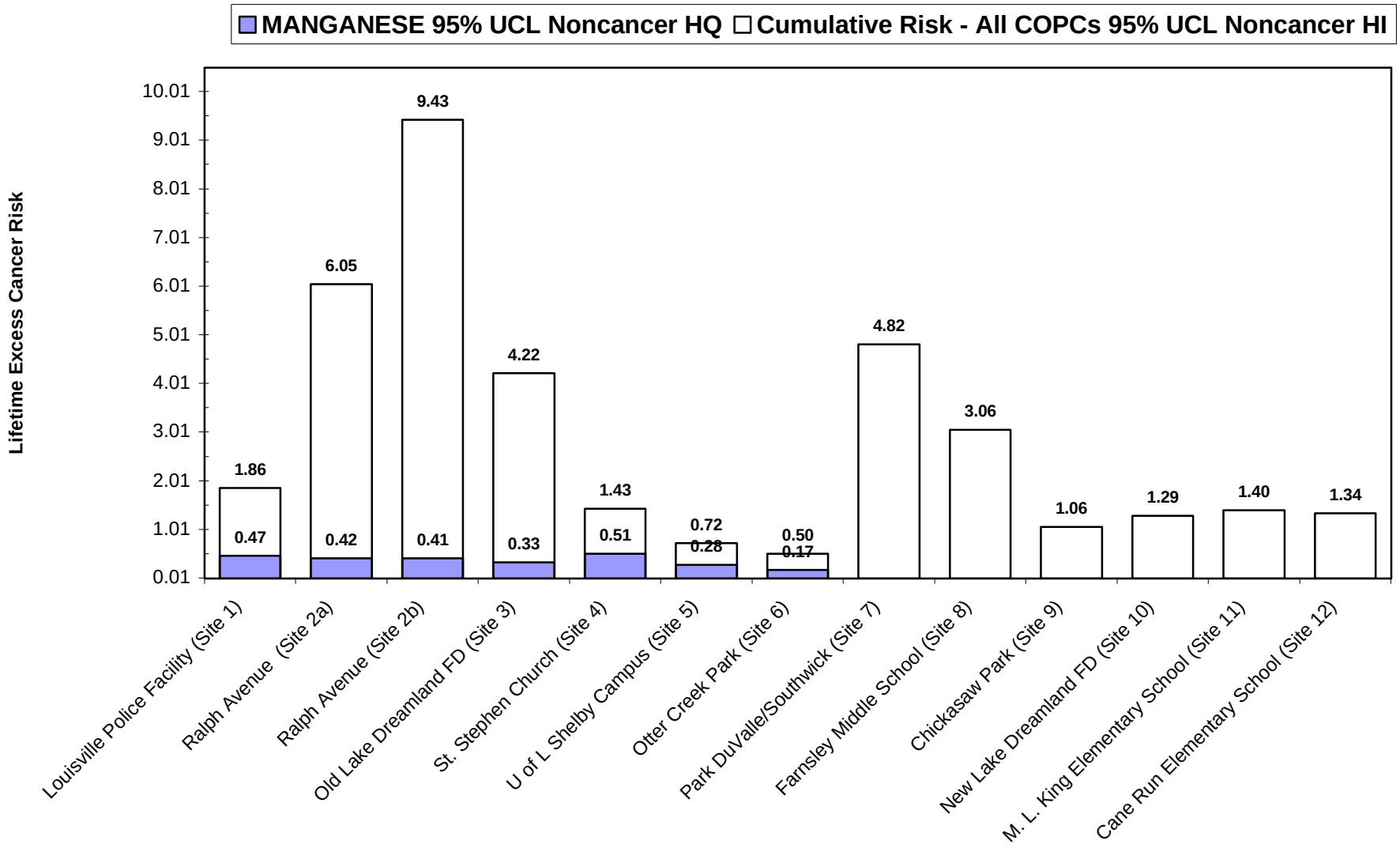

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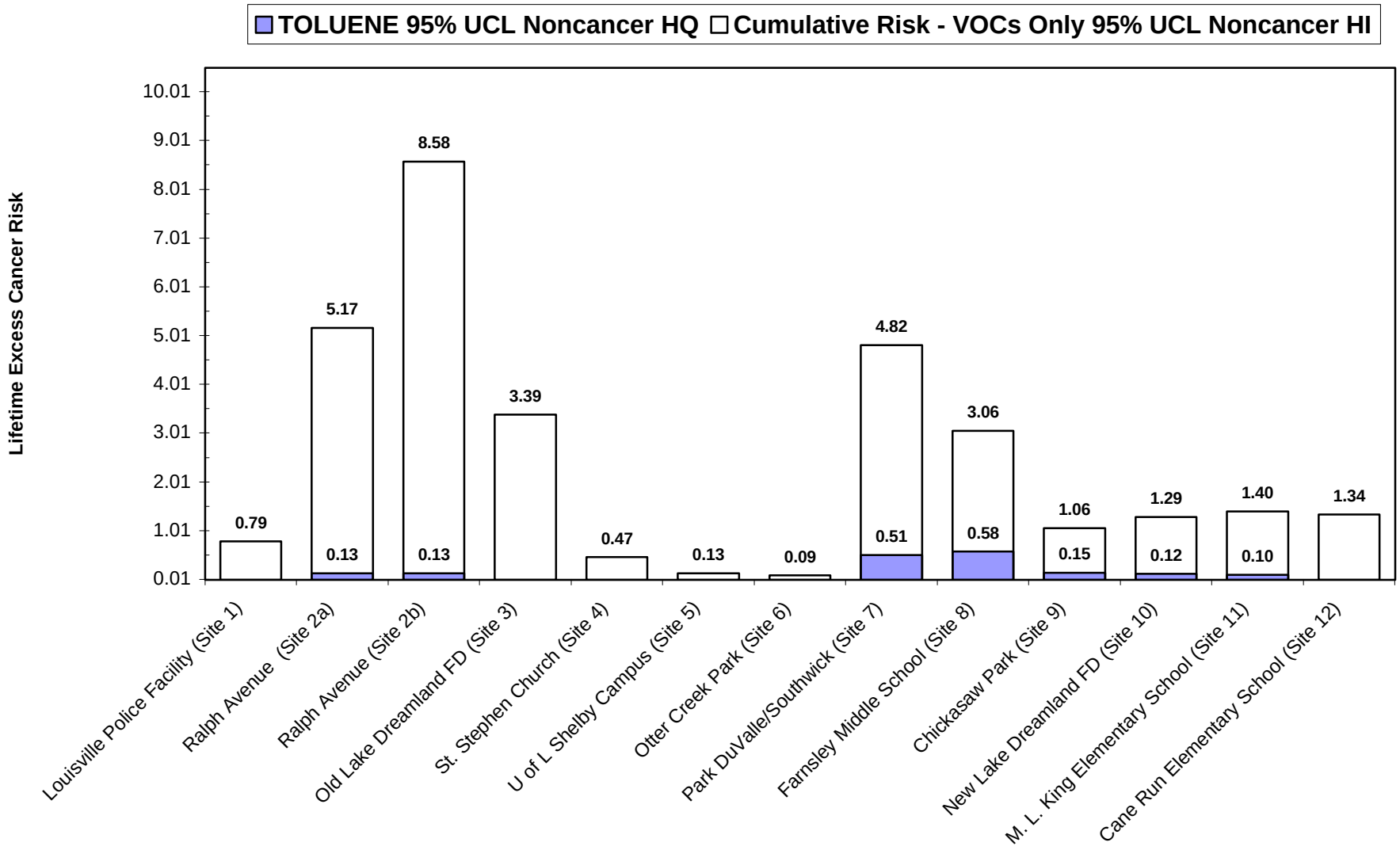

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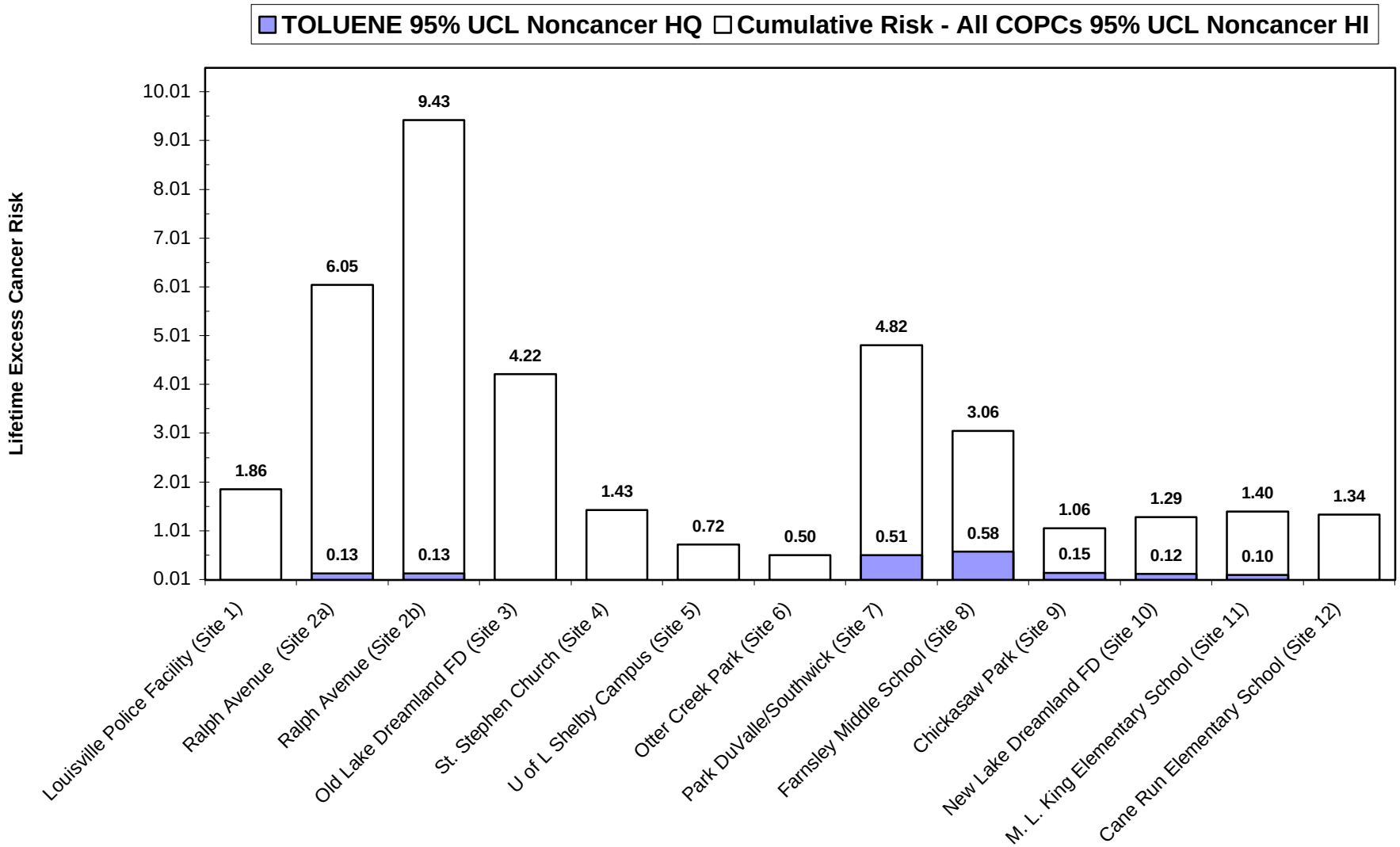

APPENDIX F

Toxicological Profiles

Appendix F Toxicological Profiles

Toxicological profiles included here are those for all chemicals with an estimated hazard index greater than or equal to 0.1 or an estimated incremental cancer risk greater than or equal to $1x10^{-6}$.

References:

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ATSDR (2000). *Toxicological Profile for Toluene (Update).* U.S. Department of Health and Human Services. Atlanta, GA. September 2000.

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California Environmental Protection Agency (1997). *Toxic Air Contaminant Identification List Summaries – Ethyl Acrylate*. Available on the web at http://www.arb.ca.gov/toxics/tac/factshts/ethylacr.pdf. September 1997.
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ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ACRYLONITRILE
CAS # 107-13-1

This fact sheet answers the most frequently asked health questions (FAQs) about acrylonitrile. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to acrylonitrile occurs mostly from breathing it in the air. Acrylonitrile primarily affects the nervous system and lungs. If it is spilled on the skin, the skin will turn red and blisters may form. This chemical has been found in at least 3 of the 1,177 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is acrylonitrile?

(Pronounced ə-krĭl′ō nī-trĭl)

Acrylonitrile is a colorless, liquid, man-made chemical with a sharp, onion- or garlic-like odor. It can be dissolved in water and evaporates quickly.

Acrylonitrile is used to make other chemicals such as plastics, synthetic rubber, and acrylic fibers. A mixture of acrylonitrile and carbon tetrachloride was used as a pesticide in the past; however, all pesticide uses have stopped.

What happens to acrylonitrile when it enters the environment?

- Acrylonitrile may be found in the soil, water, or air near industrial sites where it is made, or at hazardous waste sites where it has been disposed of.
- Because acrylonitrile evaporates easily, most of it is released to the air from facilities where it is produced and used.
- In air, acrylonitrile breaks down quickly (about half will disappear within 5 to 50 hours) by reacting with other chemicals and sunlight.
- Acrylonitrile can enter groundwater by filtering through the soil, but it is not commonly found in groundwater.
- It is broken down by bacteria in surface water.
- When it is released to soil, some of it will be broken down by bacteria, but most of it will evaporate to the air or filter to groundwater.
- Acrylonitrile does not build up in the food chain.

How might I be exposed to acrylonitrile?

- Unless you live near a factory where acrylonitrile is made or near a hazardous waste site that contains acrylonitrile, you are unlikely to be exposed to it.
- Breathing contaminated air near hazardous waste sites that contain acrylonitrile.
- Working in, or living near, industries where it is manufactured or used.
- Swallowing food and water that contains small amounts of acrylonitrile.

How can acrylonitrile affect my health?

Breathing high concentrations of acrylonitrile will cause nose and throat irritation, tightness in the chest, difficulty breathing, nausea, dizziness, weakness, headache, impaired judgment, and convulsions. These symptoms usually disappear when exposure is stopped. If spilled on the skin, acrylonitrile will burn the skin and produce redness and blisters.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

Animal studies show effects from breathing acrylonitrile. These effects include irritation to the nasal cavity and lungs, changes in the breathing rate, fluid accumulation in the lungs, weakness, and paralysis. Decreased fertility and birth defects have been observed in some laboratory animals exposed to high concentrations of acrylonitrile in air or drinking water.

There is evidence that children are much more sensitive to acrylonitrile than adults. In a few cases, children have died following exposure to acrylonitrile vapors that caused only minor nose and throat irritation in adults.

How likely is acrylonitrile to cause cancer?

The Department of Health and Human Services (DHHS) has determined that acrylonitrile may reasonably be anticipated to cause cancer in people. Studies of people are inconclusive, while animal studies have shown cancers of the brain and mammary glands.

Is there a medical test to show whether I've been exposed to acrylonitrile?

There is a test that can detect acrylonitrile in blood. Other tests can be used to measure the breakdown products (metabolites) of acrylonitrile in urine. One of the metabolites (cyanide) could come from other chemicals you might have been exposed to, so it is not a definite indicator of acrylonitrile exposure. The results of these tests could also be affected by cigarette smoking. Special equipment is needed for these tests, and they are not routinely available in a doctor's office.

Has the federal government made recommendations to protect human health?

The EPA recommends that levels in lakes and streams should be limited to 0.058 parts of acrylonitrile per billion parts of water (0.058 ppb) to prevent possible health effects from drinking water or eating fish contaminated with acrylonitrile. Any release to the environment greater than 100 pounds of acrylonitrile must be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a limit of 2 ppm over an 8-hour workday, 40-hour workweek.

The National Institute of Occupational Safety and Health (NIOSH) recommends that average workplace air should not exceed 1 part per million (1 ppm) acrylonitrile averaged over a 10-hour period.

The federal recommendations have been updated as of July 1999.

Glossary

CAS: Chemical Abstracts Service.

Evaporate: To change into a vapor or a gas.

National Priorities List: A list of the nation's worst hazardous waste sites.

Pesticide: A substance that kills pests.

ppb: Parts per billion.

ppm: Parts per million.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1990. Toxicological profile for acrylonitrile. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

ARSENIC
CAS # 7440-38-2

Division of Toxicology ToxFAQs™ **July 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about arsenic. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to higher than average levels of arsenic occurs mostly in the workplace, near hazardous waste sites, or in areas with high natural levels. At high levels, inorganic arsenic can cause death. Exposure to lower levels for a long time can cause a discoloration of the skin and the appearance of small corns or warts. Arsenic has been found at 1,014 of the 1,598 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is arsenic?

Arsenic is a naturally occurring element widely distributed in the earth's crust. In the environment, arsenic is combined with oxygen, chlorine, and sulfur to form inorganic arsenic compounds. Arsenic in animals and plants combines with carbon and hydrogen to form organic arsenic compounds.

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides, primarily on cotton plants.

What happens to arsenic when it enters the environment?

❑ Arsenic cannot be destroyed in the environment. It can only change its form.
❑ Arsenic in air will settle to the ground or is washed out of the air by rain.
❑ Many arsenic compounds can dissolve in water.
❑ Fish and shellfish can accumulate arsenic, but the arsenic in fish is mostly in a form that is not harmful.

How might I be exposed to arsenic?

❑ Eating food, drinking water, or breathing air containing arsenic.
❑ Breathing contaminated workplace air.
❑ Breathing sawdust or burning smoke from wood treated with arsenic.
❑ Living near uncontrolled hazardous waste sites containing arsenic.
❑ Living in areas with unusually high natural levels of arsenic in rock.

How can arsenic affect my health?

Breathing high levels of inorganic arsenic can give you a sore throat or irritated lungs. Ingesting high levels of inorganic arsenic can result in death. Lower levels of arsenic can cause nausea and vomiting, decreased production of red and white blood cells, abnormal heart rhythm, damage to blood vessels, and a sensation of "pins and needles" in hands and feet.

Ingesting or breathing low levels of inorganic arsenic for a long time can cause a darkening of the skin and the

appearance of small "corns" or "warts" on the palms, soles, and torso.

Skin contact with inorganic arsenic may cause redness and swelling.

Organic arsenic compounds are less toxic than inorganic arsenic compounds. Exposure to high levels of some organic arsenic compounds may cause similar effects as inorganic arsenic.

How likely is arsenic to cause cancer?

Several studies have shown that inorganic arsenic can increase the risk of lung cancer, skin cancer, bladder cancer, liver cancer, kidney cancer, and prostate cancer. The World Health Organization (WHO), the Department of Health and Human Services (DHHS), and the EPA have determined that inorganic arsenic is a human carcinogen.

How can arsenic affect children?

We do not know if exposure to arsenic will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to inorganic arsenic.

It is likely that health effects seen in children exposed to high amounts of arsenic will be similar to the effects seen in adults.

How can families reduce the risk of exposure to arsenic?

❑ If you use arsenic-treated wood in home projects, you should wear dust masks, gloves, and protective clothing to decrease exposure to sawdust.
❑ If you live in an area with high levels of arsenic in water or soil, you should use cleaner sources of water and limit contact with soil.

Is there a medical test to show whether I've been exposed to arsenic?

There are tests to measure the level of arsenic in blood, urine, hair, or fingernails. The urine test is the most reliable test for arsenic exposure within the last few days. Tests on hair and fingernails can measure exposure to high levels or arsenic over the past 6-12 months. These tests can determine if you have been exposed to above-average levels of arsenic. They cannot predict how the arsenic levels in your body will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set limits on the amount of arsenic that industrial sources can release to the environment and has restricted or canceled many uses of arsenic in pesticides. EPA has set a limit of 0.05 parts per million (ppm) for arsenic in drinking water. The EPA arsenic drinking water standard of 0.01 ppm (10 ppb) reported in the ATSDR February 2001 Arsenic ToxFAQs was based on the EPA final rule for arsenic in drinking water, published on January 22, 2001, in the *Federal Register*. However, the EPA is currently reviewing the science and cost estimate supporting this rule, and, in the interim, has reverted to the previous standard for arsenic. Thus, the current EPA arsenic drinking water standard remains at 0.05 ppm (50 ppb).

The Occupational Safety and Health Administration has set limits of 10 μg arsenic per cubic meter of workplace air (10 $\mu g/m^3$) for 8 hour shifts and 40 hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Arsenic. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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BENZENE
CAS # 71-43-2

This fact sheet answers the most frequently asked health questions (FAQs) about benzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Benzene is a widely used chemical formed from both natural processes and human activities. Breathing benzene can cause drowsiness, dizziness, and unconsciousness; long-term benzene exposure causes effects on the bone marrow and can cause anemia and leukemia. Benzene has been found in at least 813 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is benzene?

(Pronounced bĕn′zēn′)

Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities.

Benzene is widely used in the United States; it ranks in the top 20 chemicals for production volume. Some industries use benzene to make other chemicals which are used to make plastics, resins, and nylon and synthetic fibers. Benzene is also used to make some types of rubbers, lubricants, dyes, detergents, drugs, and pesticides. Natural sources of benzene include volcanoes and forest fires. Benzene is also a natural part of crude oil, gasoline, and cigarette smoke.

What happens to benzene when it enters the environment?

- Industrial processes are the main source of benzene in the environment.
- Benzene can pass into the air from water and soil.
- It reacts with other chemicals in the air and breaks down within a few days.
- Benzene in the air can attach to rain or snow and be carried back down to the ground.
- It breaks down more slowly in water and soil, and can pass through the soil into underground water.
- Benzene does not build up in plants or animals.

How might I be exposed to benzene?

- Outdoor air contains low levels of benzene from tobacco smoke, automobile service stations, exhaust from motor vehicles, and industrial emissions.
- Indoor air generally contains higher levels of benzene from products that contain it such as glues, paints, furniture wax, and detergents.
- Air around hazardous waste sites or gas stations will contain higher levels of benzene.
- Leakage from underground storage tanks or from hazardous waste sites containing benzene can result in benzene contamination of well water.
- People working in industries that make or use benzene may be exposed to the highest levels of it.
- A major source of benzene exposures is tobacco smoke.

How can benzene affect my health?

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection.

Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men.

Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.

How likely is benzene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that benzene is a known human carcinogen. Long-term exposure to high levels of benzene in the air can cause leukemia, cancer of the blood-forming organs.

Is there a medical test to show whether I've been exposed to benzene?

Several tests can show if you have been exposed to benzene. There is test for measuring benzene in the breath; this test must be done shortly after exposure. Benzene can also be measured in the blood, however, since benzene disappears rapidly from the blood, measurements are accurate only for recent exposures.

In the body, benzene is converted to products called metabolites. Certain metabolites can be measured in the urine. However, this test must be done shortly after exposure and is not a reliable indicator of how much benzene you have been exposed to, since the metabolites may be present in urine from other sources.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum permissible level of benzene in drinking water at 0.005 milligrams per liter (0.005 mgL). The EPA requires that spills or accidental releases into the environment of 10 pounds or more of benzene be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit of 1 part of benzene per million parts of air (1 ppm) in the workplace during an 8-hour workday, 40-hour workweek.

Glossary

Anemia: A decreased ability of the blood to transport oxygen.

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Chromosomes: Parts of the cells responsible for the development of hereditary characteristics.

Metabolites: Breakdown products of chemicals.

Milligram (mg): One thousandth of a gram.

Pesticide: A substance that kills pests.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Benzene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

BROMODICHLOROMETHANE
CAS # 75-27-4

Agency for Toxic Substances and Disease Registry ToxFAQs **July 1999**

This fact sheet answers the most frequently asked health questions (FAQs) about bromodichloromethane. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Most bromodichloromethane is formed as a by-product when chlorine is added to water-supply systems. Bromodichloromethane is not known to cause adverse health effects in people, but animal studies show that high concentrations can damage the liver and kidneys and affect the brain. Bromodichloromethane has been found at 5 of the 1,518 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is bromodichloromethane?

(Pronounced brō′mō dī-klôr′ō měth′ān′)

Bromodichloromethane is a colorless, nonflammable liquid. Small amounts are formed naturally by algae in the oceans. Some of it will dissolve in water, but it readily evaporates into air.

Only small quantities of bromodichloromethane are produced in the United States. The small quantities that are produced are used in laboratories or to make other chemicals. However, most bromodichloromethane is formed as a by-product when chlorine is added to drinking water to kill bacteria.

What happens to bromodichloromethane when it enters the environment?

- Bromodichloromethane released to air is slowly broken down by reactions with other chemicals and sunlight or it can be removed by rain.
- In water, it will evaporate to the air and/or be broken down slowly by bacteria.
- When released to soil, most will evaporate to the air but some of it will be broken down by bacteria.
- Some bromodichloromethane may filter into the groundwater.
- Bromodichloromethane does not build up in the food chain.

How might I be exposed to bromodichloromethane?

- The most likely way people are exposed to bromodichloromethane is by drinking chlorinated water.
- You may breathe vapors released from chlorinated water in a swimming pool or in the home (cooking, washing dishes, bathing, etc.).
- Some bromodichloromethane may enter your body directly through your skin when bathing or swimming.
- People who live near a waste site containing bromodichloromethane could be exposed by drinking contaminated groundwater or breathing vapors released to the air.
- People who work at or live near a laboratory or factory that makes or uses this chemical could be exposed by breathing bromodichloromethane in the air.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

How can bromodichloromethane affect my health?

No studies are available regarding health effects in people exposed to bromodichloromethane.

Animal studies indicate that the liver, kidney, and central nervous system are affected by exposure to bromodichloromethane. The effects of high doses on the central nervous system include sleepiness and incoordination. Longer exposure to lower doses causes damage to the liver and kidneys. There is some evidence from animal studies that bromodichloromethane may cause birth defects at doses high enough to make the mother sick. It is not known if lower doses would cause birth defects.

How likely is bromodichloromethane to cause cancer?

There is evidence that eating or drinking bromodichloromethane causes liver, kidney, and intestinal cancer in rats and mice. The Department of Health and Human Services (DHHS) has determined that bromodichloromethane is reasonably anticipated to be a human carcinogen.

Is there a medical test to show whether I've been exposed to bromodichloromethane?

Methods are available to measure low levels of bromodichloromethane in human blood, breath, urine, and fat, but not enough information is available to use such tests to predict if any health effects might occur. Because special equipment is needed, these tests are not usually done in the doctor's office.

Has the federal government made recommendations to protect human health?

The EPA has set a Maximum Contaminant Level (MCL) of 0.1 parts per million (ppm) for the combination of bromodichloromethane and a group of similar compounds (called trihalomethanes) that occur in chlorinated water. The EPA recommends that levels of halomethanes in lakes and streams should be limited to 0.19 ppm to prevent possible health effects from drinking water or eating fish contaminated with this group of chemicals.

Any release to the environment greater than 5,000 pounds of bromodichloromethane must be reported to the EPA.

The federal recommendations have been updated as of July 1999.

Glossary

Carcinogen: A substance that can cause cancer.
CAS: Chemical Abstracts Service.
Evaporate: To change into a vapor or a gas.
National Priorities List: A list of the nation's worst hazardous waste sites.
ppm: Parts per million.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1989. Toxicological profile for bromodichloromethane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

BROMOFORM and CHLORODIBROMOMETHANE

CAS # 75-25-2 and 124-48-1

This fact sheet answers the most frequently asked health questions (FAQs) about bromoform and chlorodibromomethane. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Small amounts of bromoform and chlorodibromomethane are naturally produced by ocean plant life. They are also formed as by-products when chlorine is added to water-supply systems. High levels of bromoform and chlorodibromomethane can damage the liver and kidneys and affect the brain. Bromoform and chlorodibromomethane have been found at 14 of the 1,177 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are bromoform and chlorodibromomethane?

(Pronounced brō′mō fôrm and klôr′ō dī brō′mō měth′ān′)

Bromoform and chlorodibromomethane are colorless, nonflammable liquids with a sweet odor. Small amounts are formed naturally by plants in the oceans. They are somewhat soluble in water and readily evaporate into air. Most of the bromoform and chlorodibromomethane that enters the environment is formed as by-products when chlorine is added to drinking water to kill bacteria.

Only small quantities of bromoform and chlorodibromomethane currently are produced in the United States. These chemicals were used in the past as solvents and flame retardants, or to make other chemicals, but now they are used mainly as laboratory reagents.

What happens to bromoform and chlorodibromomethane when they enter the environment?

- When released to air, bromoform and chlorodibromomethane are slowly broken down by reactions with other chemicals and sunlight or can be removed by rain.
- In water, these chemicals will evaporate to the air and/or be broken down slowly by bacteria.
- When released to soil, most will evaporate to the air, some will be broken down by bacteria, and some may filter into the groundwater.
- Bromoform and chlorodibromomethane do not build up in the food chain.

How might I be exposed to bromoform and chlorodibromomethane?

- The most likely way people are exposed to bromoform and chlorodibromomethane is by drinking chlorinated water.
- You may breathe vapors released from chlorinated water in a swimming pool or in the home (cooking, washing dishes, bathing, etc.).
- Some bromoform and chlorodibromomethane may enter your body directly through your skin while bathing or swimming.
- People that live near a waste site containing bromoform or chlorodibromomethane could be exposed by drinking contaminated groundwater or breathing vapors released to the air.
- Exposure could occur by breathing bromoform and chlorodibromomethane in the air in or near a laboratory or factory that makes or uses this chemical; however, this is not likely for most people.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

How can bromoform and chlorodibromomethane affect my health?

No studies are available about health effects in people exposed to chlorodibromomethane. Bromoform was used as a sedative to treat children with whooping cough during the early 1900s. Several recorded cases of overdose indicate that high doses affect the central nervous system causing unconsciousness, loss of reflexes, shallow breathing, erratic heart rate, and respiratory failure. Milder cases resulted in rapid breathing, constricted pupils, and tremors.

Animal studies indicate that the liver, kidney, and central nervous system are affected by exposure to bromoform and chlorodibromomethane. The effects on the central nervous system appear quickly after exposure to high doses and include labored breathing, incoordination, sedation, and death. Longer-term exposure to lower doses causes drowsiness, increased liver weight, and liver and kidney damage. We do not know if bromoform and chlorodibromomethane cause birth defects or infertility.

How likely are bromoform and chlorodibromomethane to cause cancer?

There is evidence that ingestion of bromoform causes intestinal cancer in rats and ingestion of chlorodibromomethane causes liver cancer in mice. It is not known if they cause cancer in people. The International Agency for Research on Cancer (IARC) has determined that the human carcinogenicity of bromoform and chlorodibromomethane is not classifiable.

Is there a medical test to show whether I've been exposed to bromoform or chlorodibromomethane?

Methods are available to measure low levels of bromoform and chlorodibromomethane in human blood, breath, and fat, but not enough information is available to use such tests to predict if any health effects might occur. Because special equipment is needed, these tests are not usually done in the doctors' office.

Has the federal government made recommendations to protect human health?

The EPA has set a Maximum Contaminant Level (MCL) of 0.1 parts per million (0.1 ppm) for the combination of bromoform and chlorodibromomethane and a group of similar compounds (called trihalomethanes) that occur in chlorinated water.

The EPA recommends that levels of halomethanes in lakes and streams should be limited to 0.19 ppm to prevent possible human health effects from drinking water or eating fish contaminated with this group of chemicals. Any release to the environment greater than 100 pounds of bromoform or chlorodibromomethane must be reported to the EPA.

Because chlorodibromomethane has such a limited use in industry, the Occupational Safety and Health Administration (OSHA) has not set limits of exposure for workplace air. OSHA has set a workplace air concentration limit of 0.5 ppm for bromoform over an 8-hour workday, 40-hour workweek.

The federal recommendations have been updated as of July 1999.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1989. Toxicological profile for bromoform and chlorodibromomethane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,3-BUTADIENE
CAS # 106-99-0

This fact sheet answers the most frequently asked health questions (FAQs) about 1,3-butadiene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to 1,3-butadiene occurs mainly from breathing contaminated air. Effects on the nervous system and irritations of the eyes, nose, and throat have been seen in people who breathed contaminated air. This chemical has been found in at least 7 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

What is 1,3-butadiene?

(Pronounced 1,3-by$\bar{o}\bar{o}$′tə-dī′ēn′)

1,3-Butadiene is a chemical made from the processing of petroleum. It is the 36th highest volume chemical produced in the United States. It is a colorless gas with a mild gasoline-like odor.

About 75% of the manufactured 1,3-butadiene is used to make synthetic rubber. Synthetic rubber is widely used for tires on cars and trucks.

1,3-Butadiene is also used to make plastics including acrylics. Small amounts are found in gasoline.

What happens to 1,3-butadiene when it enters the environment?

- It quickly evaporates to the air as a gas from leaks during production, use, storage, transport, or disposal.
- It breaks down quickly in air by sunlight; in sunny weather, half of it breaks down in about 2 hours.
- When not sunny, it takes a few days for about half of it to break down in the air.
- It evaporates very quickly from water and soil.
- Since it evaporates so easily, it is not expected to be found in water or soil, but adequate tests are not available to measure the amounts.
- 1,3-Butadiene may be broken down by microorganisms in the soil.
- It is not expected to accumulate in fish.

How might I be exposed to 1,3-butadiene?

- Breathing urban and suburban air, but these levels are generally very low except in polluted cities or near chemical, plastic, and rubber facilities that use it.
- Breathing contaminated workplace air where it is manufactured or used.
- Breathing contaminated air from car and truck exhaust, waste incineration, or wood fires.
- Breathing cigarette smoke.
- Drinking contaminated water near production or waste sites.
- Ingesting foods contained in plastic or rubber food containers, but levels are generally very low or not present at all.
- Skin contact with gasoline, but levels are low.

How can 1,3-butadiene affect my health?

Most of the information on the health effects of 1,3-butadiene comes from studies where the exposure was from breathing contaminated air.

Breathing very high levels of 1,3-butadiene for a short time can cause central nervous system damage, blurred vision, nausea, fatigue, headache, decreased blood pressure and pulse rate, and unconsciousness. There are no recorded cases of accidental exposures at high levels that caused death in humans, but this could occur.

Breathing lower levels may cause irritation of the eyes, nose, and throat.

Studies on workers who had longer exposures with lower levels have shown an increase in heart and lung damage, but these workers were also exposed to other chemicals. We don't know for sure which chemical (or chemicals) caused the effects. We also do not know what levels in the air will cause these effects in people when breathed over many years.

Animal studies show that breathing 1,3-butadiene during pregnancy can increase the number of birth defects. Other effects seen in animals that breathed low levels of 1,3-butadiene for one year include kidney and liver disease, and damaged lungs. Some of the animals died.

There is no information on the effects of eating or drinking 1,3-butadiene. Skin contact with liquid 1,3-butadiene can cause irritation and frostbite.

How likely is 1,3-butadiene to cause cancer?

The Department of Health and Human Services has determined that 1,3-butadiene may reasonably be anticipated to be a carcinogen. This is based on animal studies that found increases in a variety of tumor types from exposure to 1,3-butadiene.

Studies on workers are inconclusive because the workers were exposed to other chemicals in addition to 1,3-butadiene.

Is there a medical test to show whether I've been exposed to 1,3-butadiene?

There is currently no reliable medical test to determine whether you have been exposed to 1,3-butadiene. However, scientists are working on methods to measure it in the blood.

Has the federal government made recommendations to protect human health?

The Environmental Protection Agency (EPA) requires that discharges or spills into the environment of 1 pound or more of 1,3-butadiene be reported.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 1,000 parts of 1,3-butadiene per million parts of air (1,000 ppm).

The National Institute for Occupational Safety and Health (NIOSH) recommends that 1,3-butadiene be kept to the lowest feasible concentration because of its potential to cause cancer.

Glossary

Carcinogen: A substance that can cause cancer.

Ingesting: Taking food or drink into your body.

ppm: Parts per million.

Tumor: An abnormal mass of tissue.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1992. Toxicological profile for 1,3-butadiene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CADMIUM
CAS # 7440-43-9

This fact sheet answers the most frequently asked health questions (FAQs) about cadmium. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to cadmium happens mostly in the workplace where cadmium products are made. The general population is exposed from breathing cigarette smoke or eating cadmium contaminated foods. Cadmium damages the lungs, can cause kidney disease, and may irritate the digestive tract. This substance has been found in at least 776 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is cadmium?

(Pronounced kăd′mē-əm)

Cadmium is a natural element in the earth's crust. It is usually found as a mineral combined with other elements such as oxygen (cadmium oxide), chlorine (cadmium chloride), or sulfur (cadmium sulfate, cadmium sulfide).

All soils and rocks, including coal and mineral fertilizers, contain some cadmium. Most cadmium used in the United States is extracted during the production of other metals like zinc, lead, and copper. Cadmium does not corrode easily and has many uses, including batteries, pigments, metal coatings, and plastics.

What happens to cadmium when it enters the environment?

- Cadmium enters air from mining, industry, and burning coal and household wastes.
- Cadmium particles in air can travel long distances before falling to the ground or water.
- It enters water and soil from waste disposal and spills or leaks at hazardous waste sites.
- It binds strongly to soil particles.
- Some cadmium dissolves in water.
- It doesn't break down in the environment, but can change forms.
- Fish, plants, and animals take up cadmium from the environment.
- Cadmium stays in the body a very long time and can build up from many years of exposure to low levels.

How might I be exposed to cadmium?

- Breathing contaminated workplace air (battery manufacturing, metal soldering or welding).
- Eating foods containing it; low levels in all foods (highest in shellfish, liver, and kidney meats).
- Breathing cadmium in cigarette smoke (doubles the average daily intake).
- Drinking contaminated water.
- Breathing contaminated air near the burning of fossil fuels or municipal waste.

How can cadmium affect my health?

Breathing high levels of cadmium severely damages the lungs and can cause death. Eating food or drinking water with very high levels severely irritates the stomach, leading to vomiting and diarrhea. Long-term exposure to lower levels of cadmium in air, food, or water leads to a buildup of cadmium in the kidneys and possible kidney disease.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

Other long-term effects are lung damage and fragile bones. Animals given cadmium in food or water had high blood pressure, iron-poor blood, liver disease, and nerve or brain damage.

We don't know if humans get any of these diseases from eating or drinking cadmium. Skin contact with cadmium is not known to cause health effects in humans or animals.

How likely is cadmium to cause cancer?

The Department of Health and Human Services (DHHS) has determined that cadmium and cadmium compounds may reasonably be anticipated to be carcinogens.

How can cadmium affect children?

The health effects in children are expected to be similar to those in adults (kidney, lung and intestinal damage).

We don't know if cadmium causes birth defects in people. Cadmium does not readily go from a pregnant woman's body into the developing child, but some portion can cross the placenta. It can also be found in breast milk. The babies of animals exposed to high levels of cadmium during pregnancy had changes in behavior and learning ability. Cadmium may also affect birth weight and the skeleton in developing animals.

Animal studies also indicate that more cadmium is absorbed into the body if the diet is low in calcium, protein, or iron, or is high in fat. A few studies show that younger animals absorb more cadmium and are more likely to lose bone and bone strength than adults.

How can families reduce the risk of exposure to cadmium?

In the home, store substances that contain cadmium safely, and keep nickel-cadmium batteries out of reach of young children. If you work with cadmium, use all safety precautions to avoid carrying cadmium-containing dust home from work on your clothing, skin, hair, or tools.

A balanced diet can reduce the amount of cadmium taken into the body from food and drink.

Is there a medical test to show whether I've been exposed to cadmium?

Tests are available in some medical laboratories that measure cadmium in blood, urine, hair, or nails. Blood levels show recent exposure to cadmium, and urine levels show both recent and earlier exposure. The reliability of tests for cadmium levels in hair or nails is unknown.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 5 parts of cadmium per billion parts of drinking water (5 ppb). EPA doesn't allow cadmium in pesticides.

The Food and Drug Administration (FDA) limits the amount of cadmium in food colors to 15 parts per million (15 ppm).

The Occupational Safety and Health Administration (OSHA) limits workplace air to 100 micrograms cadmium per cubic meter (100 µg/m^3) as cadmium fumes and 200 µg cadmium/m^3 as cadmium dust.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for cadmium. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON DISULFIDE
CAS # 75-15-0

This fact sheet answers the most frequently asked health questions (FAQs) about carbon disulfide. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to carbon disulfide can occur by breathing it in the air and by drinking water or eating foods that contain it. Breathing very high levels can be life threatening because of its effects on the nervous system. Breathing low levels for long periods may result in headaches, tiredness, trouble sleeping, and slight changes in the nerves. Carbon disulfide has been found in at least 210 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is carbon disulfide?

(Pronounced kär′bən dī-sŭl′fīd′)

Pure carbon disulfide is a colorless liquid with a pleasant odor that is like the smell of chloroform. The impure carbon disulfide that is usually used in most industrial processes is a yellowish liquid with an unpleasant odor, like that of rotting radishes.

Carbon disulfide evaporates at room temperature, and the vapor is more than twice as heavy as air. It easily explodes in air and also catches fire very easily.

In nature, small amounts of carbon disulfide are found in gases released to the earth's surface as, for example, in volcanic eruptions or over marshes. Commercial carbon disulfide is made by combining carbon and sulfur at very high temperatures.

What happens to carbon disulfide when it enters the environment?

- Carbon disulfide released into the air through natural processes is difficult to judge because it is so small.
- Carbon disulfide evaporates rapidly when released to the environment.
- Most carbon disulfide in the air and surface water is from manufacturing and processing activities.
- It is found naturally in coastal and ocean waters.
- Carbon disulfide does not stay dissolved in water very long, and it also moves through soils fairly quickly.
- Carbon disulfide does not appear to be taken up in significant amounts by the organisms living in water.

How might I be exposed to carbon disulfide?

- The people most often exposed to carbon disulfide are workers in plants that use carbon disulfide in their manufacturing processes.
- People may be exposed by breathing air, drinking water, or eating foods that contain it.
- People may also be exposed through skin contact with soil, water, or other substances that contain carbon disulfide.

How can carbon disulfide affect my health?

At very high levels, carbon disulfide may be life-threatening because of its effects on the nervous system. People who

breathed carbon disulfide near an accident involving a railroad car showed changes in breathing and some chest pains.

Some workers who breathed high levels during working hours for at least 6 months had headaches, tiredness, and trouble sleeping. However, these workers may have been exposed to other chemicals besides carbon disulfide. Among workers who breathed lower levels, some developed very slight changes in their nerves.

Studies in animals indicate that carbon disulfide can affect the normal functions of the brain, liver, and heart. After pregnant rats breathed carbon disulfide in the air, some of the newborn rats died or had birth defects.

High concentrations of carbon disulfide have caused skin burns when the chemical accidentally touched people's skin.

How likely is carbon disulfide to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC), and the EPA have not classified carbon disulfide for carcinogenicity.

There are no definitive data in humans or animals that indicate a carcinogenic potential for carbon disulfide.

Is there a medical test to show whether I've been exposed to carbon disulfide?

One chemical test using urine can be done to tell whether the levels of breakdown substances from carbon disulfide are higher than normal. However, the test is not specific for carbon disulfide exposure.

A second test based on a specific breakdown substance is more sensitive and specific. It also requires special equipment and cannot tell you exactly how much carbon disulfide you were exposed to or predict whether harmful effects will occur.

These tests aren't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA requires that spills or accidental releases into the environment of 100 pounds or more of carbon disulfide be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a limit of 20 parts of carbon disulfide per million parts of air (20 ppm) for an 8-hour workday for a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that workroom air levels of carbon disulfide not exceed 1 ppm for a 10-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Dissolve: To disappear gradually.

Evaporate: To change into vapor or a gas.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for Carbon Disulfide produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CARBON TETRACHLORIDE

CAS # 56-23-5

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1995**

This fact sheet answers the most frequently asked health questions (FAQs) about carbon tetrachloride. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to carbon tetrachloride results mostly from breathing air, drinking water, or coming in contact with soil that is contaminated with it. This is most likely to occur around hazardous waste sites or in the workplace. In people, exposure to very high amounts of carbon tetrachloride can damage the liver, kidneys, and nervous system. This chemical has been found in at least 326 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

What is carbon tetrachloride?

(Pronounced kär′bən tĕt′rə klôr′īd′)

Carbon tetrachloride is a manufactured compound that does not occur naturally. It's a clear liquid with a sweet smell that can be detected at low levels. It's also called carbon chloride, methane tetrachloride, perchloromethane, tetrachloroethane, or benziform. Trade names include Benzinoform, Freon 10, Halon 104, Tetraform, or Tetrasol.

Carbon tetrachloride is most often found as a colorless gas. It's not flammable and doesn't dissolve in water very easily. It was used in the production of refrigeration fluid and propellants for aerosol cans, as a pesticide, as a cleaning fluid and degreasing agent, in fire extinguishers, and in spot removers. Because of its harmful effects, these uses are now banned and it is only used in some industrial applications.

What happens to carbon tetrachloride when it enters the environment?

- It moves very quickly into the air upon release, so most of it is in the air.
- It evaporates very quickly from soil and surface water.
- Only a small amount sticks to soil particles; the rest evaporates or moves into the groundwater.
- It is very stable in air (lifetime of 30-100 years).
- It can be broken down or transformed in soil and water within several days.
- When it does break down, it forms chemicals that can destroy ozone in the upper atmosphere.
- It doesn't build up in animals. We do not know if it builds up in plants.

How might I be exposed to carbon tetrachloride?

- Breathing contaminated air near manufacturing plants or waste sites.
- Breathing workplace air when it is used.
- Drinking contaminated water near manufacturing plants and waste sites.
- Breathing contaminated air and skin contact with water while showering or cooking with contaminated water.
- Swimming or bathing in contaminated water.
- Contact with or eating contaminated soil at waste sites.

How can carbon tetrachloride affect my health?

High exposure to carbon tetrachloride can cause liver, kidney, and central nervous system damage. These effects result from either eating, drinking, or breathing it, and possibly from exposure to the skin. The liver is especially sensitive to carbon tetrachloride because it swells and cells

are damaged or destroyed. Kidneys are also damaged, causing a buildup of wastes in the blood. If exposure is low and then stops, the liver and kidneys can repair the damaged cells and function normally again.

If exposure is very high, the nervous system, including the brain, is affected. People may feel intoxicated and experience headaches, dizziness, sleepiness, and nausea and vomiting. These effects may subside if exposure is stopped, but in severe cases, coma and even death can occur.

There have been no studies in people on carbon tetrachloride's effects on reproduction or development, but studies in rats showed no adverse effects.

How likely is carbon tetrachloride to cause cancer?

The Department of Health and Human Services has determined that carbon tetrachloride may reasonably be anticipated to be a carcinogen.

Animals that ingested carbon tetrachloride over a long time developed liver cancer. We do not know if breathing carbon tetrachloride causes cancer in animals. We also do not know if breathing or ingesting it will cause cancer in people.

Is there a medical test to show whether I've been exposed to carbon tetrachloride?

Several sensitive and specific tests are available to measure the amount of carbon tetrachloride in your breath, blood, urine, and body tissues. The tests can't tell you how much carbon tetrachloride you were exposed to or whether there will be any effects on your health. The tests must be done soon after exposure because it leaves your body quickly. These tests aren't routinely performed in doctors' offices, but your doctor can tell you where to obtain such a test.

Has the federal government made recommendations to protect human health?

The Environmental Protection Agency (EPA) has set a limit of 0.005 parts of carbon tetrachloride per million parts of drinking water (0.005 ppm). The EPA recommends that drinking water exposures should not exceed 0.3 ppm for adults and 0.07 ppm for children for long periods of time (7 years).

The EPA has also set limits on how much carbon tetrachloride can be released from an industrial plant into wastewater and is preparing to set limits on how much can be released into outside air.

The Occupational Safety and Health Administration (OSHA) set a maximum concentration limit in workplace air of 10 ppm for an 8-hour workday over a 40-hour workweek.

Glossary

Carcinogen: A substance that can cause cancer.

Evaporate: To change into a vapor or a gas.

Ingesting: Taking food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1994. Toxicological profile for carbon tetrachloride. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Agency for Toxic Substances and Disease Registry (ATSDR). 1992. Case studies in environmental medicine. Carbon tetrachloride toxicity. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CHLOROFORM
CAS # 67-66-3

This fact sheet answers the most frequently asked health questions (FAQs) about chloroform. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to chloroform can occur when breathing contaminated air or when drinking or touching the substance or water containing it. Breathing chloroform can cause dizziness, fatigue, and headaches. Breathing chloroform or ingesting chloroform over long periods of time may damage your liver and kidneys. It can cause sores if large amounts touch your skin. This substance has been found in at least 717 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is chloroform?

(Pronounced klôr′ə-fôrm′)

Chloroform is a colorless liquid with a pleasant, nonirritating odor and a slightly sweet taste. It will burn only when it reaches very high temperatures.

In the past, chloroform was used as an inhaled anesthetic during surgery, but it isn't used that way today. Today, chloroform is used to make other chemicals and can also be formed in small amounts when chlorine is added to water.

Other names for chloroform are trichloromethane and methyl trichloride.

What happens to chloroform when it enters the environment?

- Chloroform evaporates easily into the air.
- Most of the chloroform in air breaks down eventually, but it is a slow process.
- The breakdown products in air include phosgene and hydrogen chloride, which are both toxic.
- It doesn't stick to soil very well and can travel through soil to groundwater.
- Chloroform dissolves easily in water and some of it may break down to other chemicals.
- Chloroform lasts a long time in groundwater.
- Chloroform doesn't appear to build up in great amounts in plants and animals.

How might I be exposed to chloroform?

- Drinking water or beverages made using water containing chloroform.
- Breathing indoor or outdoor air containing it, especially in the workplace.
- Eating food that contains it.
- Skin contact with chloroform or water that contains it, such as in swimming pools.

How can chloroform affect my health?

Breathing about 900 parts of chloroform per million parts air (900 ppm) for a short time can cause dizziness, fatigue, and headache. Breathing air, eating food, or drinking water containing high levels of chloroform for long periods of time may damage your liver and kidneys. Large amounts of chloroform can cause sores when chloroform touches your skin.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

It isn't known whether chloroform causes reproductive effects or birth defects in people.

Animal studies have shown that miscarriages occurred in rats and mice that breathed air containing 30 to 300 ppm chloroform during pregnancy and also in rats that ate chloroform during pregnancy. Offspring of rats and mice that breathed chloroform during pregnancy had birth defects. Abnormal sperm were found in mice that breathed air containing 400 ppm chloroform for a few days.

How likely is chloroform to cause cancer?

The Department of Health and Human Services (DHHS) has determined that chloroform may reasonably be anticipated to be a carcinogen.

Rats and mice that ate food or drank water with chloroform developed cancer of the liver and kidneys.

Is there a medical test to show whether I've been exposed to chloroform?

Although the amounts of chloroform in the air that you exhale and in blood, urine, and body tissues can be measured, there is no reliable test to determine how much chloroform you have been exposed to or whether you will experience any harmful effects.

The measurement of chloroform in body fluids and tissues may help to determine if you have come into contact with large amounts of chloroform, but these tests are useful for only a short time after you are exposed. Chloroform in your body might also indicate that you have come into contact with other chemicals.

Has the federal government made recommendations to protect human health?

The EPA drinking water limit for total trihalomethanes, a class of chemicals that includes chloroform, is 100 micrograms per liter of water (100 μg/L).

The EPA requires that spills or accidental releases of 10 pounds or more of chloroform into the environment be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set the maximum allowable concentration of chloroform in workroom air during an 8-hour workday in a 40-hour workweek at 50 ppm.

Glossary

Carcinogenicity: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Ingesting: Taking food or drink into your body.

Microgram (μg): One millionth of a gram.

Miscarriage: Pregnancy loss.

ppm: Parts per million.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Chloroform (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

CHROMIUM
CAS # 7440-47-3

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about chromium. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to chromium occurs from ingesting contaminated food or drinking water or breathing contaminated workplace air. Chromium(VI) at high levels can damage the nose and can cause cancer. Chromium has been found at 1,036 of the 1,591 National Priority List sites identified by the Environmental Protection Agency (EPA).

What is chromium?

Chromium is a naturally occurring element found in rocks, animals, plants, soil, and in volcanic dust and gases. Chromium is present in the environment in several different forms. The most common forms are chromium(0), chromium(III), and chromium(VI). No taste or odor is associated with chromium compounds.

Chromium(III) occurs naturally in the environment and is an essential nutrient. Chromium(VI) and chromium(0) are generally produced by industrial processes.

The metal chromium, which is the chromium(0) form, is used for making steel. Chromium(VI) and chromium(III) are used for chrome plating, dyes and pigments, leather tanning, and wood preserving.

What happens to chromium when it enters the environment?

❑ Chromium enters the air, water, and soil mostly in the chromium(III) and chromium(VI) forms.
❑ In air, chromium compounds are present mostly as fine dust particles which eventually settle over land and water.
❑ Chromium can strongly attach to soil and only a small amount can dissolve in water and move deeper in the soil to underground water.
❑ Fish do not accumulate much chromium in their bodies from water.

How might I be exposed to chromium?

❑ Eating food containing chromium(III).
❑ Breathing contaminated workplace air or skin contact during use in the workplace.
❑ Drinking contaminated well water.
❑ Living near uncontrolled hazardous waste sites containing chromium or industries that use chromium.

How can chromium affect my health?

Chromium(III) is an essential nutrient that helps the body use sugar, protein, and fat.

Breathing high levels of chromium(VI) can cause irritation to the nose, such as runny nose, nosebleeds, and ulcers and holes in the nasal septum.

Ingesting large amounts of chromium(VI) can cause stomach upsets and ulcers, convulsions, kidney and liver damage, and even death.

ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html

Skin contact with certain chromium(VI) compounds can cause skin ulcers. Some people are extremely sensitive to chromium(VI) or chromium(III). Allergic reactions consisting of severe redness and swelling of the skin have been noted.

How likely is chromium to cause cancer?

Several studies have shown that chromium(VI) compounds can increase the risk of lung cancer. Animal studies have also shown an increased risk of cancer.

The World Health Organization (WHO) has determined that chromium(VI) is a human carcinogen.

The Department of Health and Human Services (DHHS) has determined that certain chromium(VI) compounds are known to cause cancer in humans.

The EPA has determined that chromium(VI) in air is a human carcinogen.

How can chromium affect children?

We do not know if exposure to chromium will result in birth defects or other developmental effects in people. Birth defects have been observed in animals exposed to chromium(VI).

It is likely that health effects seen in children exposed to high amounts of chromium will be similar to the effects seen in adults.

How can families reduce the risk of exposure to chromium?

❑ Children should avoid playing in soils near uncontrolled hazardous waste sites where chromium may have been discarded.

❑ Although chromium(III) is an essential nutrient, you should avoid excessive use of dietary supplements containing chromium.

Is there a medical test to show whether I've been exposed to chromium?

Since chromium(III) is an essential element and naturally occurs in food, there will always be some level of chromium in your body. There are tests to measure the level of chromium in hair, urine, and blood. These tests are most useful for people exposed to high levels. These tests cannot determine the exact levels of chromium that you may have been exposed to or predict how the levels in your tissues will affect your health.

Has the federal government made recommendations to protect human health?

EPA has set a limit of 100 µg chromium(III) and chromium(VI) per liter of drinking water (100 µg/L).

The Occupational Safety and Health Administration (OSHA) has set limits of 500 µg water soluble chromium(III) compounds per cubic meter of workplace air (500 $\mu g/m^3$), 1,000 $\mu g/m^3$ for metallic chromium(0) and insoluble chromium compounds, and 52 $\mu g/m^3$ for chromium(VI) compounds for 8-hour work shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Chromium. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,2-DICHLOROETHANE

CAS #107-06-2

Division of Toxicology ToxFAQs™ **September 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about 1,2-Dichloroethane. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It is important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to 1,2-dichloroethane usually occurs by breathing contaminated air in workplaces that use 1,2-dichloroethane. Breathing or ingesting high levels of 1,2-dichloroethane can cause damage to the nervous system, liver, kidneys, and lungs and may cause cancer. This substance has been found in at least 570 of the 1,585 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is 1,2-dichloroethane?

1,2-Dichloroethane, also called ethylene dichloride, is a manufactured chemical that is not found naturally in the environment. It is a clear liquid and has a pleasant smell and sweet taste.

The most common use of 1,2-dichloroethane is in the production of vinyl chloride which is used to make a variety of plastic and vinyl products including polyvinyl chloride (PVC) pipes, furniture and automobile upholstery, wall coverings, housewares, and automobile parts. It is also used to as a solvent and is added to leaded gasoline to remove lead.

What happens to 1,2-dichloroethane when it enters the environment?

❑ Most of the 1,2-dichloroethane released to the environment is released to the air. In the air, 1,2-dichloroethane breaks down by reacting with other compounds formed by sunlight. It can stay in the air for more than 5 months before it is broken down.
❑ 1,2-Dichloroethane can also be released into rivers and lakes. It breaks down very slowly in water and most of it will evaporate to the air.
❑ 1,2-Dichloroethane released in soil will either evaporate into the air or travel down through the soil and enter underground water.

How might I be exposed to 1,2-dichloroethane?

❑ The general population may be exposed to 1,2-dichloroethane by breathing air or drinking water that contains 1,2-dichloroethane.
❑ People who work or live near a factory where 1,2-dichloroethane is used, may be exposed to higher than usual levels.
❑ People living near uncontrolled hazardous waste sites may also be exposed to higher than usual levels of 1,2-dichloroethane.

How can 1,2-dichloroethane affect my health?

Nervous system disorders, liver and kidney diseases, and lung effects have been reported in humans ingesting or inhaling large amounts of 1,2-dichloroethane.

In laboratory animals, breathing or ingesting large amounts of 1,2-dichloroethane have also caused nervous system disorders and liver, kidney, and lung effects. Animal studies also suggest that 1,2-dichloroethane may damage the

immune system. Kidney disease has also been seen in animals ingesting low doses of 1,2-dichloroethane for a long time. Studies in animals indicate that 1,2-dichloroethane does not affect reproduction.

How likely is 1,2-dichloroethane to cause cancer?

Human studies examining whether 1,2-dichloroethane can cause cancer have been considered inadequate. In animals, increases in the occurrence of stomach, mammary gland, liver, lung, and endometrium cancers have been seen following inhalation, oral, and dermal exposure.

The Department of Health and Human Services (DHHS) has determined that 1,2-dichloroethane may reasonably be expected to cause cancer. The EPA has determined that 1,2-dichloroethane is a probable human carcinogen and the International Agency for Cancer Research (IARC) considers it to be a possible human carcinogen.

How can 1,2-dichloroethane affect children?

We do not know if exposure to 1,2-dichloroethane will result in birth defects or other developmental effects in people. Studies in animals suggest that 1,2-dichloroethane does not produce birth defects.

It is likely that health effects seen in children exposed to high levels of 1,2-dichloroethane will be similar to the effects seen in adults.

How can families reduce the risk of exposure to 1,2-dichloroethane?

The general population is not likely to be exposed to large amounts of 1,2-dichloroethane. In the past, it was used in small amounts in household products such as cleaning agents, pesticides, and wallpaper and carpet glue. Risk of exposure from this source could be eliminated if these older products were immediately discarded.

Children should avoid playing in soils near uncontrolled hazardous waste sites where 1,2-dichloroethane may have been discarded.

Is there a medical test to show whether I've been exposed to 1,2-dichloroethane?

Tests are available to measure 1,2-dichloroethane in breath, blood, breast milk, and urine of exposed people. Because 1,2-dichloroethane leaves the body fairly quickly, these tests need to be done within a couple of days of exposure. These tests cannot be used to predict the nature or severity of toxic effects. These tests are not usually done in the doctor's office.

Has the federal government made recommendations to protect human health?

The EPA allows 0.005 milligrams of 1,2-dichloroethane per liter of drinking water (0.005 mg/L).

The Occupational Safety and Health Administration has set a limit of 50 parts of 1,2-dichloroethane per million parts of air (50 ppm) in workplace air for 8 hour shifts and 40 hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2001. Toxicological Profile for 1,2-Dichloroethane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html. ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,2-DICHLOROETHENE
CAS # 540-59-0, 156-59-2, and 156-60-5

This fact sheet answers the most frequently asked health questions (FAQs) about 1,2-dichloroethene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to 1,2-dichloroethene occurs mainly in workplaces where it is made or used. Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired. *cis*-1,2-Dichloroethene has been found in at least 146 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA). *trans*-1,2-Dichloroethene was found in at least 563 NPL sites. 1,2-Dichloroethene was found at 336 sites, but the isomer (*cis*- or *trans*-) was not specified.

What is 1,2-dichloroethene?

(Pronounced 1,2-dī-klôr′ ō-ĕth′ēn)

1,2-Dichloroethene, also called 1,2-dichloroethylene, is a highly flammable, colorless liquid with a sharp, harsh odor. It is used to produce solvents and in chemical mixtures. You can smell very small amounts of 1,2-dichloroethene in air (about 17 parts of 1,2-dichloroethene per million parts of air [17 ppm]).

There are two forms of 1,2-dichloroethene; one is called *cis*-1,2-dichloroethene and the other is called *trans*-1,2-dichloroethene. Sometimes both forms are present as a mixture.

What happens to 1,2-dichloroethene when it enters the environment?

- 1,2-Dichloroethene evaporates rapidly into air.
- In the air, it takes about 5-12 days for half of it to break down.
- Most 1,2-dichloroethene in the soil surface or bodies of water will evaporate into air.
- 1,2-Dichloroethene can travel through soil or dissolve in water in the soil. It is possible that it can contaminate groundwater.
- In groundwater, it takes about 13-48 weeks to break down.
- There is a slight chance that 1,2-dichloroethene will break down into vinyl chloride, a different chemical which is believed to be more toxic than 1,2-dichloroethene.

How might I be exposed to 1,2-dichloroethene?

- Breathing 1,2-dichloroethene that has leaked from hazardous waste sites and landfills.
- Drinking contaminated tap water or breathing vapors from contaminated water while cooking, bathing, or washing dishes.
- Breathing 1,2-dichloroethene, touching it, or touching contaminated materials in the workplace.

How can 1,2-dichloroethene affect my health?

Breathing high levels of 1,2-dichloroethene can make you feel nauseous, drowsy, and tired; breathing very high levels can kill you.

When animals breathed high levels of *trans*-1,2-dichloroethene for short or longer periods of time, their livers and lungs were damaged and the effects were more severe with longer exposure times. Animals that breathed very high

levels of *trans*-1,2-dichloroethene had damaged hearts.

Animals that ingested extremely high doses of *cis*- or *trans*-1,2-dichloroethene died.

Lower doses of *cis*-1,2-dichloroethene caused effects on the blood, such as decreased numbers of red blood cells, and also effects on the liver.

The long-term (365 days or longer) human health effects after exposure to low concentrations of 1,2-dichloroethene aren't known. One animal study suggested that an exposed fetus may not grow as quickly as one that hasn't been exposed.

Exposure to 1,2-dichloroethene hasn't been shown to affect fertility in people or animals.

How likely is 1,2-dichloroethene to cause cancer?

The EPA has determined that *cis*-1,2-dichloroethene is not classifiable as to its human carcinogenicity.

No EPA cancer classification is available for *trans*-1,2-dichloroethene.

Is there a medical test to show whether I've been exposed to 1,2-dichloroethene?

Tests are available to measure concentrations of the breakdown products of 1,2-dichloroethene in blood, urine, and tissues. However, these tests aren't used routinely to determine whether a person has been exposed to this compound. This is because after you are exposed to 1,2-dichloroethene, the breakdown products in your body that are detected with these tests may be the same as those that come from exposure to other chemicals. These tests aren't available in most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set the maximum allowable level of *cis*-1,2-dichloroethene in drinking water at 0.07 milligrams per liter of water (0.07 mg/L) and *trans*-1,2-dichloroethene at 0.1 mg/L.

The EPA requires that any spills or accidental release of 1,000 pounds or more of 1,2-dichloroethene must be reported to the EPA.

The Occupational Health Safety and Health Administration (OSHA) has set the maximum allowable amount of 1,2-dichloroethene in workroom air during an 8-hour workday in a 40-hour workweek at 200 parts of 1,2-dichloroethene per million parts of air (200 ppm).

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Fertility: Ability to reproduce.

Ingest: To eat or drink something.

Milligram (mg): One thousandth of a gram.

ppm: Parts per million.

Solvent: A chemical that can dissolve other substances.

References

This ToxFAQs information is taken from the 1996 Toxicological Profile for 1,2-Dichloroethene produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,4-DICHLOROBENZENE
CAS # 106-46-7

This fact sheet answers the most frequently asked health questions (FAQs) about 1,4-dichlorobenzene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to 1,4-dichlorobenzene happens mostly from breathing high levels in indoor air or workplace air. Extremely high exposures can cause dizziness, headaches, and liver problems. 1,4-Dichlorobenzene has been found in at least 281 of 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is 1,4-dichlorobenzene?

(Pronounced 1,4-dī′ klôr′ ō bĕn′ zēn′)

1,4-Dichlorobenzene is a chemical used to control moths, molds, and mildew, and to deodorize restrooms and waste containers. It is also called para-DCB or p-DCB. Other names include Paramoth, Para crystals, and Paracide reflecting its widespread use to kill moths.

At room temperature, p-DCB is a white solid with a strong, pungent odor. When exposed to air, it slowly changes from a solid to a vapor. It is the vapor that acts as a deodorizer or insect killer. Most people recognize the odor as the smell of mothballs, and can smell p-DCB in the air at very low levels. Most p-DCB in our environment comes from its use in moth repellent products and in toilet deodorizer blocks.

What happens to 1,4-dichlorobenzene when it enters the environment?

- In air, it breaks down to harmless products in about a month.
- It does not dissolve easily in water.
- It is not easily broken down by soil organisms.
- It evaporates easily from water and soil, so most is found in the air.
- It is taken up and retained by plants and fish.

How might I be exposed to 1,4-dichlorobenzene?

- Breathing indoor air in public restrooms and homes that use p-DCB as a deodorizer.
- Breathing air around some mothballs (check the label).
- Breathing workplace air where p-DCB is manufactured.
- Drinking contaminated water around hazardous waste sites.
- Eating foods such as pork, chicken, and eggs that are contaminated with p-DCB from its use as an odor control product in animal stalls.
- Eating fish from contaminated waters.

How can 1,4-dichlorobenzene affect my health?

There is no evidence that moderate use of common household products that contain p-DCB will result in harmful effects to your health. Harmful effects, however, may occur from high exposures. Very high usage of p-DCB products in the home can result in dizziness, headaches, and liver problems. Some of the patients who developed these symptoms had been using the products for months or even years after

they first began to feel ill.

Workers breathing high levels of p-DCB (1,000 times more than levels in deodorized rooms) have reported painful irritation of the nose and eyes. There are cases of people who have eaten p-DCB products regularly for months to years because of its sweet taste. These people had skin blotches and lower numbers of red blood cells.

How likely is 1,4-dichlorobenzene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that p-DCB may reasonably be anticipated to be a carcinogen. There is no direct evidence that p-DCB can cause cancer in humans. However, animals given very high levels in water developed liver and kidney tumors.

How can 1,4-dichlorobenzene affect children?

Children are exposed to p-DCB in many of the same ways that adults are. Children may be at higher risk, due to accidental exposures such as swallowing p-DCB used in the home in mothballs or toilet bowl deoderant blocks. There is very little information on how children react to p-DCB exposure, but children would probably show the same effects as adults.

No studies in people or animals show that p-DCB crosses the placenta or can be found in fetal tissues. Based on other similar chemicals, it is possible that this could occur. There is no credible evidence that p-DCB causes birth defects. One study found dichlorobenzenes in breast milk, but p-DCB has not been specifically measured.

How can families reduce the risk of exposure to 1,4-dichlorobenzene?

You should not let children play with or drink toilet bowl water because it may contain p-DCB. Do not let children rub mothballs or cleaners containing p-DCB on their skin. Pesticides, bathroom deoderizers, and mothballs containg p-DCB should be stored out of reach of young children. Always store household chemicals in their original containers. Never store them in containers children would find attractive to eat or drink from, such as old soda bottles.

Is there a medical test to show whether I've been exposed to 1,4-dichlorobenzene?

Tests are available to measure your exposure to p-DCB. The most common test measures a breakdown product of p-DCB called 2,5-dichlorophenol in urine and blood. If there is 2,5-dichlorophenol in the urine, it indicates that the person was exposed to p-DCB within the previous day or two. The test that measures p-DCB in your blood is less common.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level of 75 micrograms of p-DCB per liter of drinking water (75 µg/L).

p-DCB is also an EPA-registered pesticide. Manufacturers must provide certain information to EPA for it to be used as a pesticide.

The Occupational Safety and Health Administration (OSHA) has set a maximum level of 75 parts of p-DCB per million parts air in the workplace (75 ppm) for an 8-hour day, 40-hour workweek.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1998. Toxicological profile for 1,4-dichlorobenzene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,3-DICHLOROPROPENE
CAS # 542-75-6

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1995**

This fact sheet answers the most frequently asked health questions (FAQs) about 1,3-dichloropropene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to 1,3-dichloropropene occurs mainly on farms where it is used to treat crops or in factories where it is made. When breathed at very high levels, 1,3-dichloropropene may irritate the skin, eyes, nose, and throat, and other effects. This chemical has been found in at least 94 of 1,416 National Priorities List sites identified by the Environmental Protection Agency.

What is 1,3-dichloropropene?

(Pronounced 1,3-dī klôr′ō prō′pēn)

1,3-Dichloropropene is a manufactured chemical that does not occur naturally in the environment. It is a colorless liquid with a sweet smell.

There are two forms of 1,3-dichloropropene: cis-1,3-dichloropropene and trans-1,3-dichloropropene. These forms are very similar to each other and are usually combined in different amounts to form mixtures.

It is used mainly in farming to kill nematodes, which are pests that eat the roots of crops. It is often sprayed undiluted directly on the soils of vegetable and tobacco crops.

Much smaller amounts are used to dissolve or to make other chemicals.

What happens to 1,3-dichloropropene when it enters the environment?

- 1,3-Dichloropropene rapidly evaporates from water and soil into the air where it is broken down by sunlight.
- When in soil, it is likely to be broken down by small organisms.
- It dissolves in water and breaks down slowly in water.
- It may travel deeper into the ground and reach underground water supplies; however, in states where it is often used, very little has been found in the groundwater.
- Other chemicals often found in hazardous waste sites may slow the breakdown of 1,3-dichloropropene.
- We do not know if 1,3-dichloropropene accumulates in fish. Studies with animals show that most of it leaves the body within 2 days.

How might I be exposed to 1,3-dichloropropene?

- Breathing contaminated air or touching it during its use to treat farm crops.
- Breathing contaminated workplace air or air around hazardous waste sites that contain it.
- Drinking contaminated water near where it's produced or used, or near hazardous waste sites that contain it.

How can 1,3-dichloropropene affect my health?

Most of the adverse health effects from 1,3-dichloropropene come from breathing or touching it when it's produced or used on farm crops. Workers who breathed high

levels of 1,3-dichloropropene had irritated skin, eyes, nose, and throat, and coughing, nausea, headache, and fatigue. Short-term high level and long-term lower level studies in animals also show damage to the nose and lung tissues.

The effects from ingesting 1,3-dichloropropene are not known. Animal studies have reported damage to the stomach lining, lung congestion, difficulty walking, and effects on the liver and kidneys from ingesting high levels.

The skin of some workers who made a pesticide that contained 1,3-dichloropropene became sensitive to further exposure. When 1,3-dichloropropene was applied to the skin of animals, irritation of the skin, hair loss, and bleeding from the lungs and stomach occurred.

How likely is 1,3-dichloropropene to cause cancer?

The Department of Health and Human Services has determined that 1,3-dichloropropene may reasonably be anticipated to be a carcinogen.

Studies in animals show an increase in tumors of the stomach, urinary bladder, and lungs from ingestion of 1,3-dichloropropene. Studies in people suggest that 1,3-dichloropropene may be carcinogenic, but no definite conclusion can be made.

Is there a medical test to show whether I've been exposed to 1,3-dichloropropene?

Tests are available to measure the amount of 1,3-dichloropropene or its breakdown products in blood and urine. However, the presence of 1,3-dichloropropene or its breakdown products could also mean that you were exposed to some other chemical that breaks down into 1,3-dichloropropene.

These tests are only accurate for recent exposures, because 1,3-dichloropropene leaves the body within 1 to 2 days. These tests can't determine if adverse health effects will occur from exposure to 1,3-dichloropropene.

Has the federal government made recommendations to protect human health?

The Environmental Protection Agency (EPA) requires that discharges or spills of 100 pounds or more of 1,3-dichloropropene into the environment be reported.

The National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) have recommended an occupational exposure limit of 1 part 1,3-dichloropropene per million parts of workplace air (1 ppm). These agencies advise avoiding eye and skin contact because this may be a route of significant exposure.

Glossary

Carcinogen: A substance that can cause cancer.

Ingesting: Taking food or drink into your body.

ppm: Parts per million.

Short-term: Lasting 14 days or less.

Long-term: Lasting one year or longer.

Tumor: An abnormal mass of tissue.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1992. Toxicological profile for 1,3-dichloropropene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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ETHYL ACRYLATE

Ethyl acrylate is a federal hazardous air pollutant and was identified as a toxic air contaminant in April 1993 under AB 2728.

CAS Registry Number: 140-88-5 $H_2C=CHCO_2C_2H_5$

Molecular Formula: $C_5H_8O_2$

Ethyl acrylate is a colorless, flammable liquid which forms a transparent, elastic polymer on standing. The polymerization process is accelerated by heat, light, peroxides, and azeotropes. It has a pungent, acrid odor and is a lacrimator. Ethyl acrylate is soluble in alcohol and ether (Merck, 1989; Sax, 1989).

Physical Properties of Ethyl Acrylate

Synonyms: 2-propenoic acid ethyl ester; acrylic acid ethyl ester; ethyl propenoate

Molecular Weight:	100.11
Boiling Point:	99.4 ^oC
Melting Point:	-71.2 ^oC
Vapor Density:	3.45 (air = 1)
Density/Specific Gravity:	0.9234 at 20/4 ^oC (water = 1)
Log/Octanol Water Partition Coefficient:	1.32
Heat of vaporization:	8.27 kcal/mol
Water solubility:	2 g/100 ml at 20 ^oC
Conversion Factor:	1 ppm = 4.09 mg/m^3

(HSDB, 1991; Merck, 1989; U.S. EPA, 1994a)

SOURCES AND EMISSIONS

A. Sources

Ethyl acrylate is used primarily as an intermediate in the production of emulsion-based polymers (NTP, 1991). These are used in textile treatment, surface coatings, paper treatment, polishes, adhesives, leather treatment, and other emulsion-based polymers. Ethyl acrylate is also used in the production of other polymers (HSDB, 1991).

Ethyl acrylate was registered for use as a pesticide; however as of December 31, 1991, it is no

longer registered for pesticidal use in California (DPR, 1996).

The primary sources that have reported emissions of ethyl acrylate in California are manufacturers of plastics and synthetic materials, manufacturers of aircraft and parts, and manufacturers of electronic components and accessories (ARB, 1997b).

B. Emissions

The total emissions of ethyl acrylate from stationary sources in California are estimated to be at least 400 pounds per year, based on data reported under the Air Toxics "Hot Spots" Program (AB 2588) (ARB, 1997b).

C. Natural Occurrence

Ethyl acrylate has been reported to be a volatile component of pineapple (HSDB, 1991).

AMBIENT CONCENTRATIONS

No Air Resources Board data exist for ambient measurements of ethyl acrylate. However, a 1990-91 United States Environmental Protection Agency (U.S. EPA) study reported all ambient concentrations of ethyl acrylate were below a detection limit of 0.83 micrograms per cubic meter ($\mu g/m^3$) or 0.20 parts per billion (U.S. EPA, 1993a).

INDOOR SOURCES AND CONCENTRATIONS

Potential indoor sources of ethyl acrylate include latex paints, various waxes, polishes and sealants, and floor finishes (Hodgson and Wooley, 1991). Emissions of ethyl acrylate in environmental tobacco smoke from brands of cigarettes popular in California were below the detection limit of 3 micrograms per cigarette (Daisey et al., 1994).

ATMOSPHERIC PERSISTENCE

Ethyl acrylate released to the atmosphere is expected to exist almost entirely in the gas phase based on its vapor pressure. The dominant atmospheric loss process for ethyl acrylate is expected to be by the reaction with the hydroxyl radical. The rate constant for this reaction has not been measured and its estimation is uncertain, although an upper limit to the rate constant can be estimated. Based on this estimated rate constant, the atmospheric half-life and lifetime is calculated to be greater than 10 hours and 15 hours, respectively (Atkinson, 1995). Its reaction products include epoxides and formaldehyde (Kao, 1994).

AB 2588 RISK ASSESSMENT INFORMATION

The Office of Environmental Health Hazard Assessment reviews risk assessments submitted under the Air Toxics "Hot Spots" Program (AB 2588). Of the risk assessments reviewed as of December 1996, ethyl acrylate was not listed in any of the risk assessments (OEHHA, 1996a,b).

HEALTH EFFECTS

Probable routes of human exposure to ethyl acrylate are inhalation and dermal contact.

Non-Cancer: Ethyl acrylate is a potent irritant of the eyes and respiratory tract. Acute inhalation exposure to ethyl acrylate has also been reported to cause adverse effects on the central nervous system and the gastrointestinal system in humans. Symptoms included lethargy, headache, convulsions and nausea (U.S. EPA, 1994a). Two manufacturers have reported sensitization through skin contact with the liquid (HSDB, 1991).

A chronic non-cancer Reference Exposure Level (REL) of 48 $\mu g/m^3$ is listed for ethyl acrylate in the California Air Pollution Control Officers Association Air Toxics "Hot Spots" Program, Revised 1992 Risk Assessment Guidelines. The toxicological endpoints considered for chronic toxicity are the kidney, gastrointestinal system, liver, and respiratory system (CAPCOA, 1993). The U.S. EPA has not established a Reference Concentration (RfC) or an oral Reference Dose (RfD) for ethyl acrylate (U.S. EPA, 1994a).

No information is available on human developmental or reproductive effects. Decreased body weights, but no major malformations, were observed in offspring of rats exposed to ethyl acrylate by inhalation (U.S. EPA, 1994a).

Cancer: The U.S. EPA has indicated that a causal relationship for an increased incidence of colorectal cancer in workers occupationally exposed to ethyl acrylate/methyl methacrylate has been suggested, but there is conflicting evidence regarding this relationship. The carcinogenicity of ethyl acrylate is under review by the U.S. EPA (U.S. EPA, 1995b). The International Agency for Research on Cancer has classified ethyl acrylate in Group 2B: Possible human carcinogen based on sufficient evidence in animals (IARC, 1987a). The State of California has determined under Proposition 65 that ethyl acrylate is a carcinogen (CCR, 1996).

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

FORMALDEHYDE
CAS # 50-00-0

This fact sheet answers the most frequently asked health questions (FAQs) about formaldehyde. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Everyone is exposed to small amounts of formaldehyde in air and some foods and products. Formaldehyde can cause irritation of the skin, eyes, nose, and throat. High levels of exposure may cause some types of cancers. This substance has been found in at least 26 of the 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is formaldehyde?

(Pronounced fôr-măl′də-hīd′)

At room temperature, formaldehyde is a colorless, flammable gas that has a distinct, pungent smell. It is also known as methanal, methylene oxide, oxymethyline, methylaldehyde, and oxomethane. Formaldehyde is naturally produced in small amounts in our bodies.

It is used in the production of fertilizer, paper, plywood, and urea-formaldehyde resins. It is also used as a preservative in some foods and in many products used around the house, such as antiseptics, medicines, and cosmetics.

What happens to formaldehyde when it enters the environment?

- Formaldehyde dissolves easily but does not last a long time in water.
- Most formaldehyde in the air breaks down during the day.
- The breakdown products of formaldehyde are formic acid and carbon monoxide.
- Formaldehyde does not build up in plants and animals.

How might I be exposed to formaldehyde?

- Smog is a major source of formaldehyde exposure.
- Cigarettes and other tobacco products, gas cookers, and open fireplaces are sources of formaldehyde exposure.
- It is used in many industries and in hospitals and laboratories.
- Formaldehyde is given off as a gas from the manufactured wood products used in new mobile homes.
- The amount of formaldehyde in foods is very small.
- Household sources, such as fiberglass, carpets, permanent press fabrics, paper products, and some household cleaners.

How can formaldehyde affect my health?

Low levels of formaldehyde can cause irritation of the eyes, nose, throat, and skin. It is possible that people with asthma may be more sensitive to the effects of inhaled formaldehyde.

Drinking large amounts of formaldehyde can cause severe pain, vomiting, coma, and possible death.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

How likely is formaldehyde to cause cancer?

Some studies of people exposed to formaldehyde in workplace air found more cases of cancer of the nose and throat than expected, but other studies did not confirm this finding.

In animal studies, rats exposed to high levels of formaldehyde in air developed nose cancer. The Department of Health and Human Services (DHHS) has determined that formaldehyde may reasonably be anticipated to be a carcinogen.

How can formaldehyde affect children?

The most common route of exposure is by breathing it, which is likely to cause nose and eye irritation (burning, itchy, tearing, and sore throat) in children as well as in adults.

Animal studies suggest that formaldhyde will not cause birth defects in humans. It is not likely to be transferred to a child in breast milk.

How can families reduce the risk of exposure to formaldehyde?

Formaldehyde is usually found in the air, and levels are usually higher indoors than outdoors. Opening windows and using fans to bring fresh air indoors are the easiest ways to lower levels in the house. Not smoking and not using unvented heaters indoors can lower the formaldehyde levels.

Removing formaldehyde sources in the home can reduce exposure. Formaldehyde is given off from a number of products used in the home. Providing fresh air, sealing unfinished manufactured wood surfaces, and washing new permanent press clothing before wearing can help lower exposure.

Is there a medical test to show whether I've been exposed to formaldehyde?

Laboratory tests can measure formaldehyde in blood, urine, and breath. These tests do not tell you how much formaldehyde you have been exposed to or if harmful effects will occur. The tests are not routinely available at your doctor's office.

What recommendations has the federal government made to protect human health?

The EPA recommends that an adult should not drink water containing more than 1 milligram of formaldehyde per liter of water (1 mg/L) for a lifetime exposure, and a child should not drink water containing more than 10 mg/L for 1 day or 5 mg/L for 10 days.

The Occupational Safety and Health Administration (OSHA) has set a permissable exposure limit for formaldehyde of 0.75 parts per million (ppm) for an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends an exposure limit of 0.016 ppm.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1999. Toxicological profile for formaldehyde. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Services.

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ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

MANGANESE
CAS # 127-18-4

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about manganese. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Manganese is a trace element and eating a small amount from food or water is needed to stay healthy. Exposure to excess levels of manganese may occur from breathing air, particularly where manganese is used in manufacturing, and from drinking water and eating food. At high levels, it can cause damage to the brain, liver, kidneys, and the developing fetus. This chemical has been found in at least 603 of 1,467 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is manganese?
(Pronounced măng′ gə-nēz′)

Manganese is a naturally occurring metal that is found in many types of rocks. Pure manganese is silver-colored, but does not occur naturally. It combines with other substances such as oxygen, sulfur, or chlorine. Manganese can also be combined with carbon to make organic manganese compounds. Common organic manganese compounds include pesticides, such as maneb or mancozeb, and methylcyclopentadienyl manganese tricarbonyl (MMT), a fuel additive in some gasolines. Manganese is an essential trace element and is necessary for good health. Manganese can be found in several food items, including grains and cereals, and is found in high amounts in other foods, such as tea.

What happens to manganese when it enters the environment?

❑ Manganese can enter the air from iron, steel, and power plants, coke ovens, and from dust from mining operations.
❑ It can enter the water and soil from natural deposits, disposal of wastes or deposits from airborne sources.
❑ Manganese exists naturally in rivers, lakes, and under-ground water.
❑ Plants in the water can take up some of the manganese from water and concentrate it.

How might I be exposed to manganese?

❑ Everyone is exposed to small amounts of manganese in air, water, and food.
❑ Individuals who work in occupations that mine or use manganese are likely to be exposed to excess levels in their work environment.
❑ People who improperly use pesticides such as maneb and mancozeb, may be exposed to excess levels.

How can manganese affect my health?

Some individuals exposed to very high levels of manganese for long periods of time in their work developed mental and emotional disturbances and slow and clumsy body movements. This combination of symptoms is a disease called "manganism." Workers usually do not develop symptoms of manganism unless they have been exposed to manganese for many months or years. Manganism occurs because too much manganese injures a part of the brain that helps control body movements.

Exposure to high levels of airborne manganese, such as in a manganese foundry or battery plant, can affect motor skills such as holding one's hand steady, performing fast hand movements, and maintaining balance. Exposure to high levels of the metal may also cause respiratory problems and sexual dysfunction.

ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html

How likely is manganese to cause cancer?

There are no human cancer data available for manganese. Exposure to high levels of manganese in food resulted in a slightly increased incidence of pancreatic tumors in male rats and thyroid tumors in male and female mice.

The EPA has determined that manganese is not classifiable as to human carcinogenicity.

How can manganese affect children?

Daily intake of small amounts of manganese is needed for growth and good health in children. Manganese is constantly present in the mother and is available to the developing fetus during pregnancy. Manganese is also transferred from a nursing mother to her infant in breast milk at levels that are appropriate for proper development.

Children, as well as adults, who lose the ability to remove excess manganese from their bodies develop nervous system problems. Because at certain ages children take in more than adults, there is concern that children may be more susceptible to the toxic effects of excess manganese.

Animal studies indicate that exposure to high levels of manganese can cause birth defects in the unborn. There is no information on whether mothers exposed to excess levels of manganese can transfer the excess to their developing fetus during pregnancy or to their nursing infant in breast milk.

How can families reduce the risk of exposure to manganese?

In most situations, there is no need to reduce one's exposure to manganese because it is an essential nutrient for good health.

Excess levels of manganese may be present in soils, especially at or near hazardous waste sites. Therefore, it is important to discourage hand-to-mouth activity in young children, especially near hazardous waste sites or in areas that may have increased manganese levels in the soil.

Manganese is also present in pesticides that may be used around the home. These pesticides should be used in a manner consistent with manufacturer's instructions.

Is there a medical test to show whether I've been exposed to manganese?

Tests are available that show levels of manganese in different body fluids. Measurements of manganese in blood, urine, feces, and scalp hair can be used to determine exposure to excess levels of manganese by testing whether levels of the metal in your body tissues are greater than normal. However, these tests cannot predict how the levels in your tissues will affect your health. Your doctor can take samples and send them to a testing laboratory.

Has the federal government made recommendations to protect human health?

The EPA has set a non-enforceable guideline for the level of manganese in drinking water at 0.05 milligrams per liter (0.05 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 5 milligrams manganese per cubic meter (5 mg/m 3) of workplace air for the average amount of manganese during an 8-hour workday, 40-hour workweek.

The National Research Council has recommended safe and adequate daily intake levels for manganese that range from 0.3 to 1 mg/day for children up to 1 year, 1 to 2 mg/day for children up to age 10, and 2 to 5 mg/day for children 10 and older.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological profile for manganese. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

METHYLENE CHLORIDE
CAS # 75-09-2

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about methylene chloride. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to methylene chloride occurs mostly from breathing contaminated air, but may also occur through skin contact or by drinking contaminated water. Breathing in large amounts of methylene chloride can damage the central nervous system. Contact of eyes or skin with methylene chloride can result in burns. Methylene chloride has been found in at least 882 of 1,569 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is methylene chloride?

Methylene chloride is a colorless liquid with a mild, sweet odor. Another name for it is dichloromethane. Methylene chloride does not occur naturally in the environment.

Methylene chloride is used as an industrial solvent and as a paint stripper. It may also be found in some aerosol and pesticide products and is used in the manufacture of photographic film.

What happens to methylene chloride when it enters the environment?

❑ Methylene chloride is mainly released to the environment in air. About half of the methylene chloride in air disappears in 53 to 127 days.

❑ Methylene chloride does not easily dissolve in water, but small amounts may be found in drinking water.

❑ We do not expect methylene chloride to build up in plants or animals.

How might I be exposed to methylene chloride?

❑ The most likely way to be exposed to methylene chloride is by breathing contaminated air.

❑ Breathing the vapors given off by products containing methylene chloride. Exposure to high levels of methylene chloride is likely if methylene chloride or a product containing it is used in a room with inadequate ventilation.

How can methylene chloride affect my health?

If you breathe in large amounts of methylene chloride you may feel unsteady, dizzy, and have nausea and a tingling or numbness of your finger and toes. A person breathing smaller amounts of methylene chloride may become less attentive and less accurate in tasks requiring hand-eye coordination. Skin contact with methylene chloride causes burning and redness of the skin.

How likely is methylene chloride to cause cancer?

We do not know if methylene chloride can cause cancer in humans. An increased cancer risk was seen in mice

breathing large amounts of methylene chloride for a long time.

The World Health Organization (WHO) has determined that methylene chloride may cause cancer in humans.

The Department of Health and Human Services (DHHS) has determined that methylene chloride can be reasonably anticipated to be a cancer-causing chemical.

The EPA has determined that methylene chloride is a probable cancer-causing agent in humans.

How can methylene chloride affect children?

It is likely that health effects seen in children exposed to high amounts of methylene chloride will be similar to the effects seen in adults. We do not know if methylene chloride can affect the ability of people to have children or if it causes birth defects. Some birth defects have been seen in animals inhaling very high levels of methylene chloride.

How can families reduce the risk of exposure to methylene chloride?

❏ Families may be exposed to methylene chloride while using products such as paint removers. Such products should always be used in well-ventilated areas and skin contact should be avoided.
❏ Children should not be allowed to remain near indoor paint removal activities.

Is there a medical test to show whether I've been exposed to methylene chloride?

❏ Several tests can measure exposure to methylene chloride. These tests are not routinely available in your doctor's office.
❏ Methylene chloride can be detected in the air you breathe out and in your blood. These tests are only useful for detecting exposures that have occurred within a few days.
❏ It is also possible to measure carboxyhemoglobin (a chemical formed in the blood as methylene chloride breaks down in the body) in the blood or formic acid (a breakdown product of methylene chloride) in the urine. These tests are not specific for methylene chloride.

Has the federal government made recommendations to protect human health?

❏ The EPA requires that releases of methylene chloride of 1,000 pounds or more be reported to the federal government.
❏ The EPA recommends that exposure of children to methylene chloride be limited to less than 10 milligrams per liter of drinking water (10 mg/L) for 1 day or 2 mg/L for 10 days.
❏ The Food and Drug Administration (FDA) has established limits on the amounts of methylene chloride that can remain after processing of spices, hops extract, and decaffeinated coffee.
❏ The Occupational Safety and Health Administration (OSHA) has set limits of 25 parts methylene chloride per million parts of workplace air (25 ppm) for 8-hour shifts and 40-hour work weeks.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for methylene chloride. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

NAPHTHALENE
CAS # 91-20-3

This fact sheet answers the most frequently asked health questions (FAQs) about naphthalene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to naphthalene happens mostly from breathing air contaminated from the burning of wood or fossil fuels, industrial discharges, tobacco smoke, or moth repellents. Exposure to large amounts of naphthalene may damage or destroy some of your red blood cells. Naphthalene has been found in at least 536 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is naphthalene?

(Pronounced năfʹthə-lēnʹ)

Naphthalene is a white solid that is found naturally in fossil fuels. Burning tobacco or wood produces naphthalene. It has a strong, but not unpleasant smell.

The major products made from naphthalene are moth repellents. It is also used for making dyes, resins, leather, tanning agents, and the insecticide, carbaryl.

What happens to naphthalene when it enters the environment?

- Naphthalene enters the environment from industrial uses, and from its use as a moth repellent.
- It also enters from the burning of wood or tobacco, and from accidental spills.
- Naphthalene evaporates easily.
- In air, moisture and sunlight break it down, often within 1 day.
- Naphthalene in water is destroyed by bacteria or evaporates into the air.
- Naphthalene binds weakly to soils and sediment.
- It does not accumulate in animals or fish.
- If dairy cows are exposed to naphthalene, some of it will be in their milk.
- If laying hens are exposed, some of it will be in their eggs.

How might I be exposed to naphthalene?

- Breathing low levels in outdoor air.
- Breathing air contaminated from industrial discharges or from burning wood or fossil fuels.
- Breathing air in homes or businesses where cigarettes are smoked, wood is burned, or moth repellents are used.
- Drinking water from contaminated wells.
- Touching clothing, blankets, or coverlets that are treated with naphthalene.

How can naphthalene affect my health?

Exposure to large amounts of naphthalene may damage or destroy some of your red blood cells. This could cause you to have too few red blood cells until your body replaces the destroyed cells. People, particularly children, have developed this problem after eating naphthalene-containing mothballs or deodorant blocks. Some of the symptoms of this

problem are fatigue, lack of appetite, restlessness, and pale skin. Exposure to large amounts of naphthalene may also cause nausea, vomiting, diarrhea, blood in the urine, and a yellow color to the skin.

Animals sometimes develop cloudiness in their eyes after swallowing naphthalene. It is not clear if this also develops in people.

When mice were repeatedly exposed to naphthalene vapors for 2 years, their noses and lungs became inflamed and irritated.

How likely is naphthalene to cause cancer?

The Department of Health and Human Services (DHHS), the International Agency for Research on Cancer (IARC) and the EPA have not classified naphthalene as to its human carcinogenicity.

No studies are available in people. Naphthalene has caused cancer in studies in female mice, but not in male mice or in rats of either sex.

Is there a medical test to show whether I've been exposed to naphthalene?

Tests are available that measure levels of naphthalene and its breakdown products in urine, stool, blood, or maternal milk. A small sample of your body fat can also be removed and analyzed for naphthalene. These tests are not routinely available in a doctor's office. However, a sample taken in a doctor's office can be sent to a special laboratory, if needed.

These tests cannot determine exactly how much naphthalene you were exposed to or predict whether harmful effects will occur.

Has the federal government made recommendations to protect human health?

The EPA recommends that children not drink water containing over 0.5 parts of naphthalene per million parts of water (0.5 ppm) for more than 10 days, or 0.4 ppm for longer than 7 years. Adults should not drink water with more than 1 ppm for more than 7 years. For water consumed over a lifetime, the EPA suggests it contain no more than 0.02 ppm naphthalene. The EPA requires that discharges or spills into the environment of 100 pounds or more be reported.

The Occupational Safety and Health Administration (OSHA) has set a limit of 10 parts per million (10 ppm) for the level of naphthalene in workplace air over an 8-hour workday, 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) considers more than 250 ppm of naphthalene in air to be immediately dangerous to life or health. This is the exposure level of a chemical that is likely to cause permanent health problems or death.

Glossary

Carcinogenicity: Ability of a substance to cause cancer.

CAS: Chemical Abstracts Service.

Insecticide: A substance that kills insects.

Sediment: Mud and debris that have settled to the bottom of a body of water.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene (update). Atlanta, GA: U.S. Department of Health and Human Services, Public Health Services.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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NICKEL
CAS # 7440-02-0

This fact sheet answers the most frequently asked health questions (FAQs) about nickel. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Nickel is a hard, silvery-white metal used to make stainless steel and other metal alloys. Skin effects are the most common effects in people who are sensitive to nickel. Workers who breathed very large amounts of nickel compounds have developed lung and nasal sinus cancers. Nickel has been found in at least 709 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is nickel?

(Pronounced nĭkʹəl)

Nickel is a very abundant element. In the environment, it is found primarily combined with oxygen (oxides) or sulfur (sulfides). It is found in all soils and is emitted from volcanos.

Pure nickel is a hard, silvery-white metal that is combined with other metals to form mixtures called alloys. Some of the metals that nickel can be alloyed with are iron, copper, chromium, and zinc. These alloys are used in the making of metal coins and jewelry and in industry for making metal items.

Nickel compounds are also used for nickel plating, to color ceramics, to make some batteries, and as substances known as catalysts that increase the rate of chemical reactions. Nickel and its compounds have no characteristic odor or taste.

What happens to nickel when it enters the environment?

- Small nickel particles in the air settle to the ground or are taken out of the air in rain.
- Much of the nickel in the environment is found with soil and sediments because nickel attaches to particles that contain iron or manganese, which are often present in soil and sediments.
- Nickel does not appear to collect in fish, plants, or animals used for food.

How might I be exposed to nickel?

- By breathing air or smoking tobacco containing nickel.
- By eating food containing nickel, which is the major source of exposure for most people.
- By drinking water which contains small amounts of nickel.
- By handling coins and touching other metals containing nickel, such as jewelry.

How can nickel affect my health?

Nickel is required to maintain health in animals. A small amount of nickel is probably essential for humans, although a lack of nickel has not been found to affect the health of humans.

The most common adverse health effect of nickel in humans is an allergic reaction. People can become sensitive to nickel when jewelry or other things containing it are in direct contact with the skin. Once a person is sensitized to nickel, further contact with it will produce a reaction. The most common reaction is a skin rash at the site of contact.

Less frequently, some people who are sensitive to nickel

have asthma attacks following exposure to nickel. People who are sensitive to nickel have reactions when it is in contact with the skin, and some sensitized persons react when they eat nickel in food, drink it in water, or breathe dust containing it.

Lung effects, including chronic bronchitis and reduced lung function, have been observed in workers who breathed large amounts of nickel. Current levels of nickel in workplace air are much lower than in the past, and today few workers show symptoms of nickel exposure.

People who are not sensitive to it must eat very large amounts of nickel to show adverse health effects. Workers who accidently drank water containing very high levels of nickel (100,000 times more than in normal drinking water) had stomachaches and effects on their blood and kidneys.

Animal studies show that breathing high levels of nickel compounds may result in inflammation of the respiratory tract. Eating or drinking large amounts of nickel has been reported to cause lung disease in dogs and rats and to affect the stomach, blood, liver, kidneys, immune system, and reproduction and development in rats and mice.

How likely is nickel to cause cancer?

The Department of Health and Human Services (DHHS) has determined that nickel and certain nickel compounds may reasonably be anticipated to be carcinogens. Cancers of the lung and nasal sinus have resulted when workers breathed dust containing high levels of nickel compounds while working in nickel refineries or nickel processing plants.

When rats and mice breathed nickel compounds for a lifetime, nickel compounds that were hard to dissolve caused cancer, while a soluble nickel compound did not cause cancer.

Is there a medical test to show whether I've been exposed to nickel?

Measurements of the amount of nickel in your blood, feces, and urine can be used to estimate your exposure to nickel. These measurements are most useful if the type of nickel compound you have been exposed to is known. However, these tests cannot predict whether you will experience any health effects.

Has the federal government made recommendations to protect human health?

The EPA recommends that children drink water containing no more than 0.04 milligrams of nickel per liter of water (0.04 mg/L) for 1-10 days of exposure.

The Occupational Safety and Health Administration (OSHA) has set an occupational exposure limit of 1 milligram of nickel per cubic meter of air (l mg/m^3) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

Sediments: Mud and debris that have settled to the bottom of a body of water.

Soluble: Dissolves in water.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Nickel (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

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n-NITROSODI-*n*-PROPYLAMINE

CAS # 621-64-7

This fact sheet answers the most frequently asked health questions (FAQs) about *n*-nitrosodi-*n*-propylamine. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: *N*-Nitrosodi-*n*-propylamine is a chemical produced by industry in small amounts for research. Evidence from animal studies indicates that it may cause cancer. This chemical has been found in at least 1 of the 1,177 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is *n*-nitrosodi-*n*-propylamine?

(Pronounced n-nī-trō′sō-dī'n-prō′pŭl-ə'mēn**)**

n-Nitrosodi-*n*-propylamine is a chemical produced by industry in small amounts for research. It is a yellow liquid at room temperature. Small amounts of *n*-nitrosodi-*n*-propylamine are produced as a side reaction during some manufacturing processes, as a contaminant in some weed killers, and during the manufacture of some rubber products.

What happens to *n*-nitrosodi-*n*-propylamine when it enters the environment?

- Low levels of *n*-nitrosodi-*n*-propylamine could be released to the environment from contaminated products or from disposal of waste containing this chemical.
- If released to the air, it is broken down by sunlight within a few hours.
- Low levels of *n*-nitrosodi-*n*-propylamine could occur in water from use of weed killers containing it.
- It is broken down in water within a few hours.
- It evaporates from the soil surface or is broken down by bacteria.

How might I be exposed to *n*-nitrosodi-*n*-propylamine?

- People may be exposed to low levels by eating foods treated with sodium-nitrite preservatives and by drinking certain alcoholic beverages.
- Low levels may occur in cigarette smoke.
- Workers in the rubber industry could be exposed to *n*-nitrosodi-*n*-propylamine.
- People applying contaminated weed killers could be exposed to low levels of the chemical.

How can *n*-nitrosodi-*n*-propylamine affect my health?

No information is available on the effects of *n*-nitrosodi-*n*-propylamine in people. Studies in animals have shown effects on the liver, lung, stomach, kidneys, and heart at very high doses.

How likely is *n*-nitrosodi-*n*-propylamine to cause cancer?

No studies are available on whether or not *n*-nitrosodi-*n*-propylamine causes cancer in people. Animal studies have shown an increase in cancer of the liver, nose, and stomach from *n*-nitrosodi-*n*-propylamine exposure. The Department of Health and Human Services (DHHS) has determined that *n*-nitrosodi-*n*-propylamine may reasonably be anticipated to be a human carcinogen.

Is there a medical test to show whether I've been exposed to *n*-nitrosodi-*n*-propylamine?

Samples of your blood and urine can be tested to determine if you have been recently exposed to *n*-nitrosodi-*n*-propylamine. These tests must be done soon after the exposure occurred. These tests will not tell you whether your health will be affected by *n*-nitrosodi-*n*-propylamine. The tests are not routinely available in hospitals and clinics because they require special equipment.

Has the federal government made recommendations to protect human health?

The EPA recommends that levels in lakes and streams should be limited to 0.005 parts *n*-nitrosodi-*n*-propylamine per billion parts of water (0.005 ppb) to prevent possible health effects from drinking water or ingesting fish contaminated with *n*-nitrosodi-*n*-propylamine.

The federal recommendations have been updated as of July 1999.

Glossary

Carcinogen: A substance that can cause cancer.
CAS: Chemical Abstracts Service.
Evaporate: To change into a vapor or a gas.
National Priorities List: A list of the nation's worst hazardous waste sites.
ppb: Parts per billion.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1989. Toxicological profile for *n*-nitrosodi-*n*-propylamine. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1996**

This fact sheet answers the most frequently asked health questions (FAQs) about polycyclic aromatic hydrocarbons (PAHs). For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

SUMMARY: Exposure to polycyclic aromatic hydrocarbons usually occurs by breathing air contaminated by wild fires or coal tar, or by eating foods that have been grilled. PAHs have been found in at least 600 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What are polycyclic aromatic hydrocarbons?

(Pronounced pŏl′ĭ-sī′klĭk ăr′ə-măt′ĭk hī′drə-kar′bənz)

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 different chemicals that are formed during the incomplete burning of coal, oil and gas, garbage, or other organic substances like tobacco or charbroiled meat. PAHs are usually found as a mixture containing two or more of these compounds, such as soot.

Some PAHs are manufactured. These pure PAHs usually exist as colorless, white, or pale yellow-green solids. PAHs are found in coal tar, crude oil, creosote, and roofing tar, but a few are used in medicines or to make dyes, plastics, and pesticides.

What happens to PAHs when they enter the environment?

- PAHs enter the air mostly as releases from volcanoes, forest fires, burning coal, and automobile exhaust.
- PAHs can occur in air attached to dust particles.
- Some PAH particles can readily evaporate into the air from soil or surface waters.
- PAHs can break down by reacting with sunlight and other chemicals in the air, over a period of days to weeks.
- PAHs enter water through discharges from industrial and wastewater treatment plants.
- Most PAHs do not dissolve easily in water. They stick to solid particles and settle to the bottoms of lakes or rivers.
- Microorganisms can break down PAHs in soil or water after a period of weeks to months.
- In soils, PAHs are most likely to stick tightly to particles; certain PAHs move through soil to contaminate underground water.
- PAH contents of plants and animals may be much higher than PAH contents of soil or water in which they live.

How might I be exposed to PAHs?

- Breathing air containing PAHs in the workplace of coking, coal-tar, and asphalt production plants; smokehouses; and municipal trash incineration facilities.
- Breathing air containing PAHs from cigarette smoke, wood smoke, vehicle exhausts, asphalt roads, or agricultural burn smoke.
- Coming in contact with air, water, or soil near hazardous waste sites.
- Eating grilled or charred meats; contaminated cereals, flour, bread, vegetables, fruits, meats; and processed or pickled foods.
- Drinking contaminated water or cow's milk.

- Nursing infants of mothers living near hazardous waste sites may be exposed to PAHs through their mother's milk.

How can PAHs affect my health?

Mice that were fed high levels of one PAH during pregnancy had difficulty reproducing and so did their offspring. These offspring also had higher rates of birth defects and lower body weights. It is not known whether these effects occur in people.

Animal studies have also shown that PAHs can cause harmful effects on the skin, body fluids, and ability to fight disease after both short- and long-term exposure. But these effects have not been seen in people.

How likely are PAHs to cause cancer?

The Department of Health and Human Services (DHHS) has determined that some PAHs may reasonably be expected to be carcinogens.

Some people who have breathed or touched mixtures of PAHs and other chemicals for long periods of time have developed cancer. Some PAHs have caused cancer in laboratory animals when they breathed air containing them (lung cancer), ingested them in food (stomach cancer), or had them applied to their skin (skin cancer).

Is there a medical test to show whether I've been exposed to PAHs?

In the body, PAHs are changed into chemicals that can attach to substances within the body. There are special tests that can detect PAHs attached to these substances in body tissues or blood. However, these tests cannot tell whether any health effects will occur or find out the extent or source of your exposure to the PAHs. The tests aren't usually available in your doctor's office because special equipment is needed to conduct them.

Has the federal government made recommendations to protect human health?

The Occupational Safety and Health Administration (OSHA) has set a limit of 0.2 milligrams of PAHs per cubic meter of air (0.2 mg/m^3). The OSHA Permissible Exposure Limit (PEL) for mineral oil mist that contains PAHs is 5 mg/m^3 averaged over an 8-hour exposure period.

The National Institute for Occupational Safety and Health (NIOSH) recommends that the average workplace air levels for coal tar products not exceed 0.1 mg/m^3 for a 10-hour workday, within a 40-hour workweek. There are other limits for workplace exposure for things that contain PAHs, such as coal, coal tar, and mineral oil.

Glossary

Carcinogen: A substance that can cause cancer.

Ingest: Take food or drink into your body.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1995. Toxicological profile for polycyclic aromatic hydrocarbons. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

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TETRACHLOROETHYLENE
CAS # 127-18-4

Agency for Toxic Substances and Disease Registry ToxFAQs **September 1997**

This fact sheet answers the most frequently asked health questions (FAQs) about tetrachloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Tetrachloroethylene is a manufactured chemical used for dry cleaning and metal degreasing. Exposure to very high concentrations of tetrachloroethylene can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death. Tetrachloroethylene has been found in at least 771 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is tetrachloroethylene?

(Pronounced tĕt′rə-klôr′ ō-ĕth′ə-lēn′)

Tetrachloroethylene is a manufactured chemical that is widely used for dry cleaning of fabrics and for metal-degreasing. It is also used to make other chemicals and is used in some consumer products.

Other names for tetrachloroethylene include perchloroethylene, PCE, and tetrachloroethene. It is a nonflammable liquid at room temperature. It evaporates easily into the air and has a sharp, sweet odor. Most people can smell tetrachloroethylene when it is present in the air at a level of 1 part tetrachloroethylene per million parts of air (1 ppm) or more, although some can smell it at even lower levels.

What happens to tetrachloroethylene when it enters the environment?

- Much of the tetrachloroethylene that gets into water or soil evaporates into the air.
- Microorganisms can break down some of the tetrachloroethylene in soil or underground water.
- In the air, it is broken down by sunlight into other chemicals or brought back to the soil and water by rain.
- It does not appear to collect in fish or other animals that live in water.

How might I be exposed to tetrachloroethylene?

- When you bring clothes from the dry cleaners, they will release small amounts of tetrachloroethylene into the air.
- When you drink water containing tetrachloroethylene, you are exposed to it.

How can tetrachloroethylene affect my health?

High concentrations of tetrachloroethylene (particularly in closed, poorly ventilated areas) can cause dizziness, headache, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death.

Irritation may result from repeated or extended skin contact with it. These symptoms occur almost entirely in work (or hobby) environments when people have been accidentally exposed to high concentrations or have intentionally used tetrachloroethylene to get a "high."

In industry, most workers are exposed to levels lower than those causing obvious nervous system effects. The health effects of breathing in air or drinking water with low levels of tetrachloroethylene are not known.

Results from some studies suggest that women who work in dry cleaning industries where exposures to tetrachloroethyl-

ene can be quite high may have more menstrual problems and spontaneous abortions than women who are not exposed. However, it is not known if tetrachloroethylene was responsible for these problems because other possible causes were not considered.

Results of animal studies, conducted with amounts much higher than those that most people are exposed to, show that tetrachloroethylene can cause liver and kidney damage. Exposure to very high levels of tetrachloroethylene can be toxic to the unborn pups of pregnant rats and mice. Changes in behavior were observed in the offspring of rats that breathed high levels of the chemical while they were pregnant.

How likely is tetrachloroethylene to cause cancer?

The Department of Health and Human Services (DHHS) has determined that tetrachloroethylene may reasonably be anticipated to be a carcinogen. Tetrachloroethylene has been shown to cause liver tumors in mice and kidney tumors in male rats.

Is there a medical test to show whether I've been exposed to tetrachloroethylene?

One way of testing for tetrachloroethylene exposure is to measure the amount of the chemical in the breath, much the same way breath-alcohol measurements are used to determine the amount of alcohol in the blood.

Because it is stored in the body's fat and slowly released into the bloodstream, tetrachloroethylene can be detected in the breath for weeks following a heavy exposure.

Tetrachloroethylene and trichloroacetic acid (TCA), a breakdown product of tetrachloroethylene, can be detected in the blood. These tests are relatively simple to perform. These tests aren't available at most doctors' offices, but can be performed at special laboratories that have the right equipment.

Because exposure to other chemicals can produce the same breakdown products in the urine and blood, the tests for breakdown products cannot determine if you have been exposed to tetrachloroethylene or the other chemicals.

Has the federal government made recommendations to protect human health?

The EPA maximum contaminant level for the amount of tetrachloroethylene that can be in drinking water is 0.005 milligrams tetrachloroethylene per liter of water (0.005 mg/L).

The Occupational Safety and Health Administration (OSHA) has set a limit of 100 ppm for an 8-hour workday over a 40-hour workweek.

The National Institute for Occupational Safety and Health (NIOSH) recommends that tetrachloroethylene be handled as a potential carcinogen and recommends that levels in workplace air should be as low as possible.

Glossary

Carcinogen: A substance with the ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

Nonflammable: Will not burn.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Tetrachloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone:1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TOLUENE
CAS # 108-88-3

Division of Toxicology ToxFAQs™ **February 2001**

This fact sheet answers the most frequently asked health questions (FAQs) about toluene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to toluene occurs from breathing contaminated workplace air, in automobile exhaust, some consumer products paints, paint thinners, fingernail polish, lacquers, and adhesives. Toluene affects the nervous system. Toluene has been found at 959 of the 1,591 National Priority List sites identified by the Environmental Protection Agency

What is toluene?

Toluene is a clear, colorless liquid with a distinctive smell. Toluene occurs naturally in crude oil and in the tolu tree. It is also produced in the process of making gasoline and other fuels from crude oil and making coke from coal.

Toluene is used in making paints, paint thinners, fingernail polish, lacquers, adhesives, and rubber and in some printing and leather tanning processes.

What happens to toluene when it enters the environment?

❑ Toluene enters the environment when you use materials that contain it. It can also enter surface water and groundwater from spills of solvents and petrolieum products as well as from leasking underground storage tanks at gasoline stations and other facilities.

❑ When toluene-containing products are placed in landfills or waste disposal sites, the toluene can enter the soil or water near the waste site.

❑ Toluene does not usually stay in the environment long.

❑ Toluene does not concentrate or buildup to high levels in animals.

How might I be exposed to toluene?

❑ Breathing contaminated workplace air or automobile exhaust.

❑ Working with gasoline, kerosene, heating oil, paints, and lacquers.

❑ Drinking contaminated well-water.

❑ Living near uncontrolled hazardous waste sites containing toluene products.

How can toluene affect my health?

Toluene may affect the nervous system. Low to moderate levles can cause tiredness, confusion, weakness, drunken-type actions, memory loss, nausea, loss of appetite, and

hearing and color vision loss. These symptoms usually disappear when exposure is stopped.

Inhaling High levels of toluene in a short time can make you feel light-headed, dizzy, or sleepy. It can also cause unconsciousness, and even death.

High levels of toluene may affect your kidneys.

How likely is toluene to cause cancer?

Studies in humans and animals generally indicate that toluene does not cause cancer.

The EPA has determined that the carcinogenicity of toluene can not be classified.

How can toluene affect children?

It is likely that health effects seen in children exposed to toluene will be similar to the effects seen in adults. Some studies in animals suggest that babies may be more sensitive than adults.

Breathing very high levels of toluene during pregnancy can result in children with birth defects and retard mental abilities, and growth. We do not know if toluene harms the unborn child if the mother is exposed to low levels of toluene during pregnancy.

How can families reduce the risk of exposure to toluene?

❑ Use toluene-containing products in well-ventilated areas.

❑ When not in use, toluene-containing products should be tightly covered to prevent evaporation into the air.

Is there a medical test to show whether I've been exposed to toluene?

There are tests to measure the level of toluene or its breakdown products in exhaled air, urine, and blood. To determine if you have been exposed to toluene, your urine or blood must be checked within 12 hours of exposure. Several other chemicals are also changed into the same breakdown products as toluene, so some of these tests are not specific for toluene.

Has the federal government made recommendations to protect human health?

EPA has set a limit of 1 milligram per liter of drinking water (1 mg/L).

Discharges, releases, or spills of more than 1,000 pounds of toluene must be reported to the National Response Center.

The Occupational Safety and Health Administration has set a limit of 200 parts toluene per million of workplace air (200 ppm).

References

Agency for Toxic Substances and Disease Registry (ATSDR). 2000. Toxicological Profile for Toluene. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

1,1,2-TRICHLOROETHANE
CAS # 79-00-5

This fact sheet answers the most frequently asked health questions (FAQs) about 1,1,2-trichloroethane. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: 1,1,2-Trichloroethane is primarily used as a solvent and a chemical intermediate in industry. Breathing high levels of it caused effects on the liver, kidney, and nervous system in animals. This chemical has been found in at least 45 of the 1,177 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is 1,1,2-trichloroethane?

(Pronounced 1,1,2-trī-klôr′ō-ĕth′ān′)

1,1,2-Trichloroethane is a colorless, sweet-smelling liquid. It does not burn easily, can be dissolved in water, and evaporates easily. It is used as a solvent (a chemical that dissolves other substances) and as an intermediate in the production of the chemical, 1,1-dichloroethane. 1,1,2-Trichloroethane is sometimes present as an impurity in other chemicals, and it may be formed when another chemical breaks down in the environment under conditions where there is no air.

What happens to 1,1,2-trichloroethane when it enters the environment?

- Most 1,1,2-trichloroethane released into the environment will go into the air.
- 1,1,2-Trichloroethane breaks down slowly in air; it takes approximately 49 days for half of it to break down.
- 1,1,2-Trichloroethane may enter the groundwater by filtering through the soil.
- It appears to stay in water for a long time; it takes years for it to break down.

How might I be exposed to 1,1,2-trichloroethane?

- Breathing outdoor air that contains it from industrial releases.
- Drinking contaminated water.
- Breathing contaminated workplace air.
- Touching it when used as a solvent in the workplace.
- Breathing air near a hazardous waste site that contains 1,1,2-trichloroethane.

How can 1,1,2-trichloroethane affect my health?

No information is available on how breathing or swallowing 1,1,2-trichloroethane may affect your health. Applying 1,1,2-trichloroethane to the skin of a person resulted in stinging and burning of the skin.

When animals breathed high levels of 1,1,2-trichloroethane, it affected the liver and kidneys. Nervous system effects, such as excitation and sleepiness, were also seen. When animals swallowed food or water containing 1,1,2-trichloroethane, effects on the stomach, blood, liver, kidneys, and nervous system were seen.

ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html

We do not know whether 1,1,2-trichloroethane can affect reproduction in people. Animal studies have not shown the chemical to affect normal reproduction and development.

How likely is 1,1,2-trichloroethane to cause cancer?

No information is available on whether or not 1,1,2-trichloroethane will cause cancer in people. Only one study is available on the ability of 1,1,2-trichloroethane to cause cancer in animals. This study found an increase in liver cancer in mice, but not in rats, who were fed the chemical for their lifetime.

The International Agency for Research on Cancer (IARC) has determined that 1,1,2-trichloroethane is not classifiable as to its carcinogenicity to humans.

Is there a medical test to show whether I've been exposed to 1,1,2-trichloroethane?

Samples of your breath, blood, and urine can be tested to determine if you have been recently exposed to 1,1,2-trichloroethane. These tests must be done soon after the exposure occurred. These tests will not tell you whether your health will be affected by 1,1,2-trichloroethane and are not routinely available in hospitals and clinics because they require special equipment.

Has the federal government made recommendations to protect human health?

The EPA has set a limit of 0.005 milligrams of 1,1,2-trichloroethane per liter of drinking water (0.005 mg/L).

Discharges, spills, or accidental releases of 100 pounds or more of 1,1,2-trichloroethane must be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set a permissible exposure limit of 45 milligrams 1,1,2-trichloroethane per cubic meter of air (45 mg/m^3) for an 8-hour workday in a 40-hour workweek.

The American Conference of Governmental and Industrial Hygienists (ACGIH) and the National Institute for Occupational Safety and Health (NIOSH) also recommend an occupational exposure limit of 45 mg/m^3 for 1,1,2-trichloroethane.

The federal recommendations have been updated as of July 1999.

Glossary

Carcinogenicity: Ability to cause cancer.

CAS: Chemical Abstracts Service.

Milligram (mg): One thousandth of a gram.

National Priorities List: A list of the nation's worst hazardous waste sites.

Solvent: A substance that dissolves another substance.

References

Agency for Toxic Substances and Disease Registry (ATSDR). 1989. Toxicological profile for 1,1,2-trichloroethane. Atlanta, GA: U.S. Department of Health and Human Services, Public Health Service.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

TRICHLOROETHYLENE

CAS # 79-01-6

Division of Toxicology ToxFAQs™ **July 2003**

This fact sheet answers the most frequently asked health questions (FAQs) about trichloroethylene. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. This information is important because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Trichloroethylene is a colorless liquid which is used as a solvent for cleaning metal parts. Drinking or breathing high levels of trichloroethylene may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma, and possibly death. Trichloroethylene has been found in at least 852 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is trichloroethylene?

Trichloroethylene (TCE) is a nonflammable, colorless liquid with a somewhat sweet odor and a sweet, burning taste. It is used mainly as a solvent to remove grease from metal parts, but it is also an ingredient in adhesives, paint removers, typewriter correction fluids, and spot removers.

Trichloroethylene is not thought to occur naturally in the environment. However, it has been found in underground water sources and many surface waters as a result of the manufacture, use, and disposal of the chemical.

What happens to trichloroethylene when it enters the environment?

- Trichloroethylene dissolves a little in water, but it can remain in ground water for a long time.
- Trichloroethylene quickly evaporates from surface water, so it is commonly found as a vapor in the air.
- Trichloroethylene evaporates less easily from the soil than from surface water. It may stick to particles and remain for a long time.
- Trichloroethylene may stick to particles in water, which will cause it to eventually settle to the bottom sediment.
- Trichloroethylene does not build up significantly in plants and animals.

How might I be exposed to trichloroethylene?

- Breathing air in and around the home which has been contaminated with trichloroethylene vapors from shower water or household products such as spot removers and typewriter correction fluid.
- Drinking, swimming, or showering in water that has been contaminated with trichloroethylene.
- Contact with soil contaminated with trichloroethylene, such as near a hazardous waste site.
- Contact with the skin or breathing contaminated air while manufacturing trichloroethylene or using it at work to wash paint or grease from skin or equipment.

How can trichloroethylene affect my health?

Breathing small amounts may cause headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating.

Breathing large amounts of trichloroethylene may cause impaired heart function, unconsciousness, and death. Breathing it for long periods may cause nerve, kidney, and liver damage.

ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html

Drinking large amounts of trichloroethylene may cause nausea, liver damage, unconsciousness, impaired heart function, or death.

Drinking small amounts of trichloroethylene for long periods may cause liver and kidney damage, impaired immune system function, and impaired fetal development in pregnant women, although the extent of some of these effects is not yet clear.

Skin contact with trichloroethylene for short periods may cause skin rashes.

How likely is trichloroethylene to cause cancer?

Some studies with mice and rats have suggested that high levels of trichloroethylene may cause liver, kidney, or lung cancer. Some studies of people exposed over long periods to high levels of trichloroethylene in drinking water or in workplace air have found evidence of increased cancer. Although, there are some concerns about the studies of people who were exposed to trichloroethylene, some of the effects found in people were similar to effects in animals.

In its 9th Report on Carcinogens, the National Toxicology Program (NTP) determined that trichloroethylene is "reasonably anticipated to be a human carcinogen." The International Agency for Research on Cancer (IARC) has determined that trichloroethylene is "probably carcinogenic to humans."

Is there a medical test to show whether I've been exposed to trichloroethylene?

If you have recently been exposed to trichloroethylene, it can be detected in your breath, blood, or urine. The breath test, if it is performed soon after exposure, can tell if you have been exposed to even a small amount of trichloroethylene.

Exposure to larger amounts is assessed by blood and urine tests, which can detect trichloroethylene and many of its breakdown products for up to a week after exposure. However, exposure to other similar chemicals can produce the same breakdown products, so their detection is not absolute proof of exposure to trichloroethylene. This test isn't available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA has set a maximum contaminant level for trichloroethylene in drinking water at 0.005 milligrams per liter (0.005 mg/L) or 5 parts of TCE per billion parts water.

The EPA has also developed regulations for the handling and disposal of trichloroethylene.

The Occupational Safety and Health Administration (OSHA) has set an exposure limit of 100 parts of trichloroethylene per million parts of air (100 ppm) for an 8-hour workday, 40-hour workweek.

Glossary

Carcinogenicity: The ability of a substance to cause cancer.
CAS: Chemical Abstracts Service.
Evaporate: To change into a vapor or gas.
Milligram (mg): One thousandth of a gram.
Nonflammable: Will not burn.
ppm: Parts per million.
Sediment: Mud and debris that have settled to the bottom of a body of water.
Solvent: A chemical that dissolves other substances.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Trichloroethylene (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-639-6359. ToxFAQs™ Internet address is http://www.atsdr.cdc.gov/toxfaq.html . ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

VINYL CHLORIDE
CAS # 75-01-4

This fact sheet answers the most frequently asked health questions (FAQs) about vinyl chloride. For more information, call the ATSDR Information Center at 1-888-422-8737. This fact sheet is one in a series of summaries about hazardous substances and their health effects. It's important you understand this information because this substance may harm you. The effects of exposure to any hazardous substance depend on the dose, the duration, how you are exposed, personal traits and habits, and whether other chemicals are present.

HIGHLIGHTS: Exposure to vinyl chloride occurs mainly in the workplace. Breathing high levels of vinyl chloride for short periods of time can cause dizziness, sleepiness, unconsciousness, and at extremely high levels can cause death. Breathing vinyl chloride for long periods of time can result in permanent liver damage, immune reactions, nerve damage, and liver cancer. This substance has been found in at least 496 of the 1,430 National Priorities List sites identified by the Environmental Protection Agency (EPA).

What is vinyl chloride?

(Pronounced vī′nəl klôr′īd′)

Vinyl chloride is a colorless, flammable gas at normal temperatures with a mild, sweet odor. It is a manufactured substance that is used to make polyvinyl chloride (PVC). PVC is used to make a variety of plastic products, including pipes, wire and cable coatings, and the furniture and automobile upholstery.

Vinyl chloride also results from the breakdown of other substances, such as trichloroethane, trichloroethylene, and tetrachloroethylene. Vinyl chloride is also known as chloroethene, chloroethylene, and ethylene monochloride.

What happens to vinyl chloride when it enters the environment?

- Liquid vinyl chloride evaporates easily into the air. Vinyl chloride, if it is near the surface of soil or water, can also evaporate.
- Vinyl chloride in the air can break down within a few days to other substances, some of which can be harmful.
- Small amounts of vinyl chloride can dissolve in water.
- Vinyl chloride formed from the breakdown of other chemicals can enter groundwater.
- Vinyl chloride is unlikely to build up in plants or animals.

How might I be exposed to vinyl chloride?

- Breathing vinyl chloride that has been released from plastics industries, hazardous waste sites, and landfills.
- Breathing vinyl chloride in air or during contact with your skin or eyes in the workplace.
- Drinking water from contaminated wells.

How can vinyl chloride affect my health?

Breathing high levels of vinyl chloride can cause you to feel dizzy or sleepy. Breathing very high levels can cause you to pass out, and breathing extremely high levels can cause death.

Most of the studies on long-term exposure (365 days or longer) to vinyl chloride are about workers that make or use vinyl chloride. They were exposed to much higher levels of vinyl chloride in the air than is the general population. People who breathe vinyl chloride for long periods of time can have changes to the structure of their livers.

People who work with vinyl chloride have developed nerve damage and immune reactions. Other workers have

developed problems with the blood flow in their hands; the tips of their fingers turn white and hurt when they are in cold temperatures. Sometimes, the bones in the tips of their fingers have broken down.

Animal studies have shown that long-term (365 days or longer) exposure to vinyl chloride can damage the sperm and testes. It has not been proven that vinyl chloride causes birth defects in humans, but animal studies have shown that breathing vinyl chloride can harm unborn offspring and may also cause increases in early miscarriages.

The effects of drinking high levels of vinyl chloride are unknown. If you spill vinyl chloride on your skin, it will cause numbness, redness, and blisters.

How likely is vinyl chloride to cause cancer?

The Department of Health and Human Services (DHHS) has determined that vinyl chloride is a known human carcinogen. Vinyl chloride exposure results in liver cancer in people.

Is there a medical test to show whether I've been exposed to vinyl chloride?

The results of several tests can sometimes show if you've been exposed to vinyl chloride. If breath samples are taken just after exposure, vinyl chloride can be measured, but this is not helpful for measuring very low levels of the chemical.

Better information is gotten by measuring a breakdown product of vinyl chloride, thiodiglycolic acid, in the urine shortly after exposure. However, this test will not give information on the level of exposure. Exposure to other chemicals can produce the same breakdown product in the urine.

The binding of vinyl chloride to genetic material in your blood or tissue can tell whether you have been exposed to vinyl chloride, but this is not sensitive enough to determine the effects resulting from exposure. These tests are not available at most doctors' offices, but can be done at special laboratories that have the right equipment.

Has the federal government made recommendations to protect human health?

The EPA requires that the amount of vinyl chloride in drinking water not exceed 0.002 milligrams of vinyl chloride per liter of water (0.002 mg/L). The EPA requires that spills or accidental releases into the environment of 1 pound or more of vinyl chloride be reported to the EPA.

The Occupational Safety and Health Administration (OSHA) has set the maximum allowable level of vinyl chloride in workroom air during an 8-hour workday in a 40-hour workweek at 1 part vinyl chloride per million parts of air (1 ppm).

Glossary

Carcinogen: A substance with the ability to cause cancer.

Immune reaction: Sensitizing response of the body to a chemical.

Milligram (mg): One thousandth of a gram.

Miscarriage: Pregnancy loss.

ppm: Parts per million.

References

This ToxFAQs information is taken from the 1997 Toxicological Profile for Vinyl Chloride (update) produced by the Agency for Toxic Substances and Disease Registry, Public Health Service, U.S. Department of Health and Human Services, Public Health Service in Atlanta, GA.

Where can I get more information? For more information, contact the Agency for Toxic Substances and Disease Registry, Division of Toxicology, 1600 Clifton Road NE, Mailstop E-29, Atlanta, GA 30333. Phone: 1-888-422-8737, FAX: 404-498-0093. ToxFAQs Internet address via WWW is http://www.atsdr.cdc.gov/toxfaq.html ATSDR can tell you where to find occupational and environmental health clinics. Their specialists can recognize, evaluate, and treat illnesses resulting from exposure to hazardous substances. You can also contact your community or state health or environmental quality department if you have any more questions or concerns.