

**Industrial Hygiene
Personal Air Sampling
Sampling Summary**

Washington River Protection Solutions

Survey Date	Agent	Limit Type	Result	Occupational Exposure Limit (OEL)	Farm
5/29/2014	1, 4-Dichlorobenzene	8 Hr TWA	<0.00008 ppm	10 ppm	SY FARM
5/29/2014	1, 4-Dichlorobenzene	8 Hr TWA	<0.00008 ppm	10 ppm	SY FARM
5/29/2014	1,1 biphenyl	8 Hr TWA	<0.00007 ppm	0.2 ppm	SY FARM
5/29/2014	1,1 biphenyl	8 Hr TWA	<0.00006 ppm	0.2 ppm	SY FARM
5/29/2014	1,1,2,2-Tetrachloroethane	8 Hr TWA	<0.00007 ppm	1 ppm	SY FARM
5/29/2014	1,1,2,2-Tetrachloroethane	8 Hr TWA	<0.00007 ppm	1 ppm	SY FARM
5/29/2014	1,1,2-Trichloroethane	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	1,1,2-Trichloroethane	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	1,1-dichloroethane	8 Hr TWA	<0.0001 ppm	100 ppm	SY FARM
5/29/2014	1,1-dichloroethane	8 Hr TWA	<0.0001 ppm	100 ppm	SY FARM
5/29/2014	1,1-Dichloroethene	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	1,1-Dichloroethene	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	1,2-Dichloroethane	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	1,2-Dichloroethane	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	1,4-Dioxane	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	1,4-Dioxane	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	1-Butanol	8 Hr TWA	<0.0003 ppm	20 ppm	SY FARM
5/29/2014	1-Butanol	8 Hr TWA	<0.0003 ppm	20 ppm	SY FARM
5/29/2014	1-Propanol	8 Hr TWA	<0.0004 ppm	100 ppm	SY FARM

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5/29/2014	1-Propanol	8 Hr TWA	<0.0004 ppm	100 ppm	SY FARM
5/29/2014	2, 4-Dimethylpyridine	8 Hr TWA	<0.0001 ppm	0.5 ppm	SY FARM
5/29/2014	2, 4-Dimethylpyridine	8 Hr TWA	<0.0001 ppm	0.5 ppm	SY FARM
5/29/2014	2,5-Dihydrofuran	8 Hr TWA	<0.173 ppb	1 ppb	SY FARM
5/29/2014	2,5-Dihydrofuran	8 Hr TWA	<0.171 ppb	1 ppb	SY FARM
5/29/2014	2,6,10-Trimethyldodecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	2,6,10-Trimethyldodecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	2-Butanone	8 Hr TWA	<0.0002 ppm	200 ppm	SY FARM
5/29/2014	2-Butanone	8 Hr TWA	<0.0002 ppm	200 ppm	SY FARM
5/29/2014	2-Hepatanone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	2-Hepatanone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	2-Hexanone	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	2-Hexanone	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	2-Methylfuran	8 Hr TWA	<0.148 ppb	1 ppb	SY FARM
5/29/2014	2-Methylfuran	8 Hr TWA	<0.146 ppb	1 ppb	SY FARM
5/29/2014	2-Propenenitrile	8 Hr TWA	<0.0002 ppm	2 ppm	SY FARM
5/29/2014	2-Propenenitrile	8 Hr TWA	<0.0002 ppm	2 ppm	SY FARM
5/29/2014	3-Buten-2-one	8 Hr TWA	<0.0002 ppm	0.2 ppm	SY FARM
5/29/2014	3-Buten-2-one	8 Hr TWA	<0.0002 ppm	0.2 ppm	SY FARM
5/29/2014	3-Heptanone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	3-Heptanone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	4-Methyl-2-hexanone	8 Hr TWA	<0.0001 ppm	0.5 ppm	SY FARM
5/29/2014	4-Methyl-2-hexanone	8 Hr TWA	<0.0001 ppm	0.5 ppm	SY FARM

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5/29/2014	Acetone	8 Hr TWA	0.0008 ppm	500 ppm	SY FARM
5/29/2014	Acetone	8 Hr TWA	0.0006 ppm	500 ppm	SY FARM
5/29/2014	Acetonitrile	8 Hr TWA	0.015 ppm	20 ppm	SY FARM
5/29/2014	Acetonitrile	8 Hr TWA	0.032 ppm	20 ppm	SY FARM
5/29/2014	Acetophenone	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	Acetophenone	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	Allyl Alcohol	8 Hr TWA	<0.0002 ppm	0.5 ppm	SY FARM
5/29/2014	Allyl Alcohol	8 Hr TWA	<0.0002 ppm	0.5 ppm	SY FARM
5/29/2014	Allyl Chloride	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Allyl Chloride	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Ammonia	8 Hr TWA	<0.06 ppm	25 ppm	SY FARM
5/29/2014	Ammonia	8 Hr TWA	<0.06 ppm	25 ppm	SY FARM
5/29/2014	Benzene	8 Hr TWA	<0.0002 ppm	0.5 ppm	SY FARM
5/29/2014	Benzene	8 Hr TWA	<0.0002 ppm	0.5 ppm	SY FARM
5/29/2014	Butanal	8 Hr TWA	<0.0002 ppm	25 ppm	SY FARM
5/29/2014	Butanal	8 Hr TWA	<0.0002 ppm	25 ppm	SY FARM
5/29/2014	Butanenitrile	8 Hr TWA	<0.0002 ppm	8 ppm	SY FARM
5/29/2014	Butanenitrile	8 Hr TWA	<0.0002 ppm	8 ppm	SY FARM
5/29/2014	Carbon Tetrachloride	8 Hr TWA	<0.00008 ppm	5 ppm	SY FARM
5/29/2014	Carbon Tetrachloride	8 Hr TWA	<0.00008 ppm	5 ppm	SY FARM
5/29/2014	Chlorobenzene	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	Chlorobenzene	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	Chloroform	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM

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5/29/2014	Chloroform	8 Hr TWA	<0.0001 ppm	10 ppm	SY FARM
5/29/2014	cis-1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	cis-1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	Cyclohexane	8 Hr TWA	<0.0001 ppm	100 ppm	SY FARM
5/29/2014	Cyclohexane	8 Hr TWA	<0.0001 ppm	100 ppm	SY FARM
5/29/2014	Decane	8 Hr TWA	0.0004 ppm	200 ppm	SY FARM
5/29/2014	Decane	8 Hr TWA	0.0001 ppm	200 ppm	SY FARM
5/29/2014	Dibutylbutylphosphonate	8 Hr TWA	<0.00004 ppm	0.007 ppm	SY FARM
5/29/2014	Dibutylbutylphosphonate	8 Hr TWA	<0.00004 ppm	0.007 ppm	SY FARM
5/29/2014	Diethylphthalate	8 Hr TWA	<0.0004 mg/m3	5 mg/m3	SY FARM
5/29/2014	Diethylphthalate	8 Hr TWA	<0.0004 mg/m3	5 mg/m3	SY FARM
5/29/2014	Dodecane	8 Hr TWA	0.00007 ppm	200 ppm	SY FARM
5/29/2014	Dodecane	8 Hr TWA	0.0001 ppm	200 ppm	SY FARM
5/29/2014	Ethanol	8 Hr TWA	0.014 ppm	1000 ppm	SY FARM
5/29/2014	Ethanol	8 Hr TWA	0.007 ppm	1000 ppm	SY FARM
5/29/2014	ethyl acetate	8 Hr TWA	<0.0001 ppm	400 ppm	SY FARM
5/29/2014	ethyl acetate	8 Hr TWA	<0.0001 ppm	400 ppm	SY FARM
5/29/2014	Ethyl Benzene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	Ethyl Benzene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	Ethyl Chloride	8 Hr TWA	<0.0002 ppm	100 ppm	SY FARM
5/29/2014	Ethyl Chloride	8 Hr TWA	<0.0002 ppm	100 ppm	SY FARM
5/29/2014	Formaldehyde	8 Hr TWA	<0.0003 ppm	0.3 ppm	SY FARM
5/29/2014	Formaldehyde	8 Hr TWA	<0.0003 ppm	0.3 ppm	SY FARM

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5/29/2014	Furan	8 Hr TWA	<0.178 ppb	1 ppb	SY FARM
5/29/2014	Furan	8 Hr TWA	<0.176 ppb	1 ppb	SY FARM
5/29/2014	Hexanenitrile	8 Hr TWA	<0.0001 ppm	6 ppm	SY FARM
5/29/2014	Hexanenitrile	8 Hr TWA	<0.0001 ppm	6 ppm	SY FARM
5/29/2014	m-cresol	8 Hr TWA	<0.00009 ppm	5 ppm	SY FARM
5/29/2014	m-cresol	8 Hr TWA	<0.00009 ppm	5 ppm	SY FARM
5/29/2014	Mercury	8 Hr TWA	<0.0004 mg/m3	0.025 mg/m3	SY FARM
5/29/2014	Methyl Acrylonitrile	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Methyl Acrylonitrile	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Methyl isobutyl ketone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	Methyl isobutyl ketone	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	Methylene Chloride	8 Hr TWA	<0.0001 ppm	25 ppm	SY FARM
5/29/2014	Methylene Chloride	8 Hr TWA	<0.0001 ppm	25 ppm	SY FARM
5/29/2014	n-Butyl acetate	8 Hr TWA	<0.0001 ppm	150 ppm	SY FARM
5/29/2014	n-Butyl acetate	8 Hr TWA	<0.0001 ppm	150 ppm	SY FARM
5/29/2014	n-Heptadecane	8 Hr TWA	<0.00004 ppm	100 mg/m3	SY FARM
5/29/2014	n-Heptadecane	8 Hr TWA	<0.00004 ppm	100 mg/m3	SY FARM
5/29/2014	N-Heptane	8 Hr TWA	<0.0001 ppm	400 ppm	SY FARM
5/29/2014	N-Heptane	8 Hr TWA	<0.0001 ppm	400 ppm	SY FARM
5/29/2014	n-Hexadecane	8 Hr TWA	<0.00004 ppm	200 ppm	SY FARM
5/29/2014	n-Hexadecane	8 Hr TWA	<0.00004 ppm	200 ppm	SY FARM
5/29/2014	n-Hexane	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM
5/29/2014	n-Hexane	8 Hr TWA	<0.0001 ppm	50 ppm	SY FARM

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5/29/2014	n-Pentadecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	n-Pentadecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	n-Tetradecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	n-Tetradecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	n-Tridecane	8 Hr TWA	<0.00005 ppm	200 ppm	SY FARM
5/29/2014	n-Tridecane	8 Hr TWA	0.00007 ppm	200 ppm	SY FARM
5/29/2014	Naphthalene	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	Naphthalene	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	Nitrobenzene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	Nitrobenzene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	Nitrous Oxide	8 Hr TWA	<0.37 ppm	50 ppm	SY FARM
5/29/2014	Nitrous Oxide	8 Hr TWA	<0.37 ppm	50 ppm	SY FARM
5/29/2014	o-cresol	8 Hr TWA	<0.00009 ppm	5 ppm	SY FARM
5/29/2014	o-cresol	8 Hr TWA	<0.00009 ppm	5 ppm	SY FARM
5/29/2014	Pentanenitrile	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	Pentanenitrile	8 Hr TWA	<0.0001 ppm	5 ppm	SY FARM
5/29/2014	Propanenitrile	8 Hr TWA	<0.0001 ppm	6 ppm	SY FARM
5/29/2014	Propanenitrile	8 Hr TWA	<0.0001 ppm	6 ppm	SY FARM
5/29/2014	Pyridine	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Pyridine	8 Hr TWA	<0.0002 ppm	1 ppm	SY FARM
5/29/2014	Styrene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	Styrene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	Tetrachloroethylene	8 Hr TWA	<0.00007 ppm	25 ppm	SY FARM

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Survey Date	Agent	Limit Type	Result	Occupational Exposure Limit (OEL)	Farm
5/29/2014	Tetrachloroethylene	8 Hr TWA	<0.00007 ppm	25 ppm	SY FARM
5/29/2014	Toluene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	Toluene	8 Hr TWA	<0.0001 ppm	20 ppm	SY FARM
5/29/2014	trans-1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	trans-1,3-Dichloropropene	8 Hr TWA	<0.0001 ppm	1 ppm	SY FARM
5/29/2014	Tri-n-butylphosphate	8 Hr TWA	<0.00004 ppm	0.2 ppm	SY FARM
5/29/2014	Tri-n-butylphosphate	8 Hr TWA	<0.00004 ppm	0.2 ppm	SY FARM
5/29/2014	Trichloroethylene	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	Trichloroethylene	8 Hr TWA	<0.00009 ppm	10 ppm	SY FARM
5/29/2014	Trichlorofluoromethane	8 Hr TWA	<0.00009 ppm	1000 ppm	SY FARM
5/29/2014	Trichlorofluoromethane	8 Hr TWA	<0.00009 ppm	1000 ppm	SY FARM