

August 03, 2005

Client: WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606

Attn: Heidi Gorrill

Work Order: WOH0048  
Project Name: Watertown Tire Fire E. R.  
Project Number: [none]  
Site/Location ID: Yes  
Date Received: 08/02/05

An executed copy of the chain of custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-833-7036

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
WTF08020501	WOH0048-01	08/02/05 10:00
Foam Sample	WOH0048-02	08/02/05 11:00
DOS Sample	WOH0048-03	08/02/05 09:00

SW 8270C analysis performed at Lab ID: 999917160

Samples were received into laboratory on ice.

Wisconsin Certification Number: 128053530, DATCP #266

*Unless subcontracted, volatiles analyses (including VOC, PVOC, GRO, BTEX, and TPH gasoline) performed by TestAmerica Watertown at 1101 Industrial Drive, Units 9&10. All other analyses performed at the address shown in the heading of this report.*

Approved By:



TestAmerica Analytical - Watertown  
David W. Havick For Dan F. Milewsky  
Project Manager

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorrill

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WOH0048-01 (WTF08020501 - Water - NonPotable)							Sampled: 08/02/05 10:00			
General Chemistry Parameters										
Chemical Oxygen Demand	200		mg/L	5.7	20	1	08/02/05 15:51	tds	5080089	EPA 410.4
Oil & Grease	<1.0		mg/L	1.0	3.3	1	08/03/05 06:12	jvk	5080092	SM 5520B
pH	6.8		pH Units	NA	NA	1	08/02/05 14:00	kl5	5080082	EPA 150.1
Total Suspended Solids	1700		mg/L	1.0	3.3	1	08/02/05 23:59	aad	5080086	EPA 160.2
Metals										
Aluminum	22		mg/L	0.015	0.052	1	08/03/05 10:41	ICP	5080094	SW 6010B
Antimony	<0.013		mg/L	0.013	0.045	1	08/03/05 10:42	ICP	5080094	SW 6010B
Arsenic	<0.025		mg/L	0.025	0.087	1	08/03/05 10:42	ICP	5080094	SW 6010B
Barium	0.37		mg/L	0.0012	0.0043	1	08/03/05 10:42	ICP	5080094	SW 6010B
Beryllium	0.0011		mg/L	0.00013	0.00046	1	08/03/05 10:41	ICP	5080094	SW 6010B
Cadmium	0.012	B	mg/L	0.0011	0.0040	1	08/03/05 10:42	ICP	5080094	SW 6010B
Calcium	63	B	mg/L	0.013	0.047	1	08/03/05 10:41	ICP	5080094	SW 6010B
Chromium	0.031		mg/L	0.0021	0.0072	1	08/03/05 10:42	ICP	5080094	SW 6010B
Cobalt	0.023		mg/L	0.0063	0.022	1	08/03/05 10:42	ICP	5080094	SW 6010B
Copper	0.037	J	mg/L	0.018	0.065	1	08/03/05 10:42	ICP	5080094	SW 6010B
Iron	40		mg/L	0.016	0.053	1	08/03/05 10:41	ICP	5080094	SW 6010B
Lead	0.028	J	mg/L	0.013	0.047	1	08/03/05 10:42	ICP	5080094	SW 6010B
Magnesium	24	B	mg/L	0.013	0.047	1	08/03/05 10:41	ICP	5080094	SW 6010B
Manganese	2.2		mg/L	0.00096	0.0032	1	08/03/05 10:41	ICP	5080094	SW 6010B
Mercury	0.00022	J, B	mg/L	0.000092	0.00033	1	08/03/05 14:40	HG	5080114	EPA 245.1
Nickel	0.034	B	mg/L	0.0040	0.014	1	08/03/05 10:42	ICP	5080094	SW 6010B
Potassium	8.2		mg/L	0.019	0.067	1	08/03/05 10:41	ICP	5080094	SW 6010B
Selenium	<0.045		mg/L	0.045	0.16	1	08/03/05 10:42	ICP	5080094	SW 6010B
Silver	0.0028	J	mg/L	0.0013	0.0046	1	08/03/05 10:42	ICP	5080094	SW 6010B
Sodium	170		mg/L	0.0100	0.035	1	08/03/05 10:41	ICP	5080094	SW 6010B
Thallium	0.049	J	mg/L	0.038	0.13	1	08/03/05 10:42	ICP	5080094	SW 6010B
Vanadium	0.073		mg/L	0.0015	0.0052	1	08/03/05 10:42	ICP	5080094	SW 6010B
Zinc	0.22		mg/L	0.0028	0.0095	1	08/03/05 10:42	ICP	5080094	SW 6010B
VOCs by SW8260B										
Benzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Bromobenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Bromochloromethane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Bromodichloromethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Bromoform	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Bromomethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
n-Butylbenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
sec-Butylbenzene	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
tert-Butylbenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Carbon Tetrachloride	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Chlorobenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Chlorodibromomethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Chloroethane	<1.0		ug/L	1.0	3.3	1	08/02/05 18:01	LCG	5080061	SW 8260B
Chloroform	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Chloromethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
2-Chlorotoluene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
4-Chlorotoluene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2-Dibromo-3-chloropropane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2-Dibromoethane (EDB)	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Dibromomethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B

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Received: 08/02/05  
Reported: 08/03/05 16:40

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WOH0048-01 (WTF08020501 - Water - NonPotable) - cont.							Sampled: 08/02/05 10:00			
VOCs by SW8260B - cont.										
1,2-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,3-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,4-Dichlorobenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Dichlorodifluoromethane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1-Dichloroethane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2-Dichloroethane	2.6		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1-Dichloroethene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
cis-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
trans-1,2-Dichloroethene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,3-Dichloropropane	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
2,2-Dichloropropane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1-Dichloropropene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
cis-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
trans-1,3-Dichloropropene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Isopropyl Ether	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Ethylbenzene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Hexachlorobutadiene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Isopropylbenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
p-Isopropyltoluene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Methylene Chloride	<1.0		ug/L	1.0	3.3	1	08/02/05 18:01	LCG	5080061	SW 8260B
Methyl tert-Butyl Ether	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Naphthalene	0.33	J	ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
n-Propylbenzene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Styrene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1,1,2-Tetrachloroethane	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1,2,2-Tetrachloroethane	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Tetrachloroethene	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Toluene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2,3-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2,4-Trichlorobenzene	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1,1-Trichloroethane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,1,2-Trichloroethane	<0.25		ug/L	0.25	0.83	1	08/02/05 18:01	LCG	5080061	SW 8260B
Trichloroethene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Trichlorofluoromethane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2,3-Trichloropropane	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,2,4-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
1,3,5-Trimethylbenzene	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Vinyl chloride	<0.20		ug/L	0.20	0.67	1	08/02/05 18:01	LCG	5080061	SW 8260B
Xylenes, Total	<0.50		ug/L	0.50	1.7	1	08/02/05 18:01	LCG	5080061	SW 8260B
Surr: Dibromofluoromethane (89-119%)	102 %									
Surr: Toluene-d8 (91-109%)	102 %									
Surr: 4-Bromofluorobenzene (89-114%)	102 %									

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Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

Analyte	Sample	Data	Units	MRL	Dilution	Date	Seq/	Batch	Method
	Result	Qualifiers			Factor	Analyzed			
Sample ID: WOH0048-01 (WTF08020501 - Water - NonPotable) - cont.						Sampled: 08/02/05 10:00			
Semivolatile Organic Compounds by EPA Method 8270C		O14, QC							
Acenaphthene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Acenaphthylene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Aniline	3.94		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Anthracene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzidine	<50.0		ug/l	50.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzoic acid	<20.0		ug/l	20.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benz (a) anthracene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzo (a) pyrene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzo (b) fluoranthene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzo (ghi) perylene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzo (k) fluoranthene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Benzyl alcohol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Bis(2-chloroethoxy)methane	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Bis(2-chloroethyl)ether	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Bis(2-chloroisopropyl)ether	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Bis(2-ethylhexyl)phthalate	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Bromophenyl phenyl ether	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Butyl benzyl phthalate	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Carbazole	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Chloroaniline	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Chloro-3-methylphenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2-Chloronaphthalene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2-Chlorophenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Chlorophenyl phenyl ether	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Chrysene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Dibenz (a,h) anthracene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Dibenzofuran	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
1,2-Dichlorobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
1,3-Dichlorobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
1,4-Dichlorobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
3,3'-Dichlorobenzidine	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4-Dichlorophenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Diethyl phthalate	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4-Dimethylphenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Dimethyl phthalate	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Di-n-butyl phthalate	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4,6-Dinitro-2-methylphenol	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4-Dinitrophenol	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4-Dinitrotoluene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,6-Dinitrotoluene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Di-n-octyl phthalate	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
1,2-Diphenylhydrazine	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Fluoranthene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Fluorene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Hexachlorobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Hexachlorobutadiene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Hexachlorocyclopentadiene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Hexachloroethane	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Indeno (1,2,3-cd) pyrene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Isophorone	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2-Methylnaphthalene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C

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Received: 08/02/05  
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Analyte	Sample Result	Data Qualifiers	Units	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WOH0048-01 (WTF08020501 - Water - NonPotable) - cont.						Sampled: 08/02/05 10:00			
Semivolatile Organic Compounds by EPA Method 8270C - contO14, QC									
o-Cresol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
m,p-Cresols	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Naphthalene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2-Nitroaniline	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
3-Nitroaniline	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Nitroaniline	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Nitrobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2-Nitrophenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
4-Nitrophenol	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
N-Nitrosodimethylamine	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
N-Nitrosodi-n-propylamine	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
N-Nitrosodiphenylamine	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Pentachlorophenol	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Phenanthrene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Phenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Pyrene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Pyridine	<5.00		ug/l	5.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
1,2,4-Trichlorobenzene	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4,5-Trichlorophenol	<10.0		ug/l	10.0	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
2,4,6-Trichlorophenol	<2.00		ug/l	2.00	1.01	08/03/05 14:07	pm	5080045	EPA 8270C
Surr: 2-Fluorophenol (10-110%)	0.800 %								
Surr: Phenol-d6 (10-110%)	3.70 %								
Surr: Nitrobenzene-d5 (10-110%)	39.9 %								
Surr: 2-Fluorobiphenyl (10-110%)	37.9 %								
Surr: 2,4,6-Tribromophenol (10-110%)	4.36 %								
Surr: p-Terphenyl-d14 (10-114%)	23.4 %								

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorrell

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WOH0048-02 (Foam Sample - Misc. Liquid)							Sampled: 08/02/05 11:00			
VOCs by SW8260B		P, RL1								
Benzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Bromobenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Bromochloromethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Bromodichloromethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Bromoform	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Bromomethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
n-Butylbenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
sec-Butylbenzene	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
tert-Butylbenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Carbon Tetrachloride	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Chlorobenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Chlorodibromomethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Chloroethane	<100000		ug/L	1.0	3.3	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Chloroform	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Chloromethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
2-Chlorotoluene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
4-Chlorotoluene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2-Dibromo-3-chloropropane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2-Dibromoethane (EDB)	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Dibromomethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2-Dichlorobenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,3-Dichlorobenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,4-Dichlorobenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Dichlorodifluoromethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1-Dichloroethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2-Dichloroethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1-Dichloroethene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
cis-1,2-Dichloroethene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
trans-1,2-Dichloroethene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2-Dichloropropane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,3-Dichloropropane	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
2,2-Dichloropropane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1-Dichloropropene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
cis-1,3-Dichloropropene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
trans-1,3-Dichloropropene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Isopropyl Ether	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Ethylbenzene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Hexachlorobutadiene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Isopropylbenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
p-Isopropyltoluene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Methylene Chloride	<100000		ug/L	1.0	3.3	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Methyl tert-Butyl Ether	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Naphthalene	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
n-Propylbenzene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Styrene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1,1,2-Tetrachloroethane	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1,2,2-Tetrachloroethane	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Tetrachloroethene	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Toluene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2,3-Trichlorobenzene	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2,4-Trichlorobenzene	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorrell

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

Analyte	Sample Result	Data Qualifiers	Units	MDL	MRL	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: WOH0048-02 (Foam Sample - Misc. Liquid) - cont.							Sampled: 08/02/05 11:00			
VOCs by SW8260B - cont.		P, RL1								
1,1,1-Trichloroethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,1,2-Trichloroethane	<25000		ug/L	0.25	0.83	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Trichloroethene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Trichlorofluoromethane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2,3-Trichloropropane	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,2,4-Trimethylbenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
1,3,5-Trimethylbenzene	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Vinyl chloride	<20000		ug/L	0.20	0.67	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Xylenes, Total	<50000		ug/L	0.50	1.7	100000	08/02/05 16:01	LCG	5080061	SW 8260B
Surr: Dibromofluoromethane (89-119%)	103 %									
Surr: Toluene-d8 (91-109%)	102 %									
Surr: 4-Bromofluorobenzene (89-114%)	100 %									

**Sample ID: WOH0048-03 (DOS Sample - Misc. Liquid)**

**Sampled: 08/02/05 09:00**

General Chemistry Parameters - Dissolved

<b>Dissolved Oxygen</b>	<b>5.1</b>		mg/L	NA	NA	1	08/02/05 13:26	sjf	5080121	SM 4500OC
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WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorrill

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>														
Chemical Oxygen Demand	5080089			mg/L	5.7	20	<5.7							
<b>Metals</b>														
Aluminum	5080094			mg/L	0.015	0.052	<0.015							
Antimony	5080094			mg/L	0.013	0.045	<0.013							
Arsenic	5080094			mg/L	0.025	0.087	<0.025							
Barium	5080094			mg/L	0.0012	0.0043	<0.0012							
Beryllium	5080094			mg/L	0.00013	0.00046	<0.00013							
Cadmium	5080094			mg/L	0.0011	0.0040	0.00139							J
Calcium	5080094			mg/L	0.013	0.047	0.109							B
Chromium	5080094			mg/L	0.0021	0.0072	<0.0021							
Cobalt	5080094			mg/L	0.0063	0.022	<0.0063							
Copper	5080094			mg/L	0.018	0.065	<0.018							
Iron	5080094			mg/L	0.016	0.053	<0.016							
Lead	5080094			mg/L	0.013	0.047	<0.013							
Magnesium	5080094			mg/L	0.013	0.047	0.0430							J
Manganese	5080094			mg/L	0.00096	0.0032	<0.00096							
Nickel	5080094			mg/L	0.0040	0.014	0.00416							J
Potassium	5080094			mg/L	0.019	0.067	<0.019							
Selenium	5080094			mg/L	0.045	0.16	<0.045							
Silver	5080094			mg/L	0.0013	0.0046	<0.0013							
Sodium	5080094			mg/L	0.0100	0.035	<0.010							
Thallium	5080094			mg/L	0.038	0.13	<0.038							
Vanadium	5080094			mg/L	0.0015	0.0052	<0.0015							
Zinc	5080094			mg/L	0.0028	0.0095	<0.0028							
Mercury	5080114			mg/L	0.000092	0.00033	0.000190							J
<b>VOCs by SW8260B</b>														
Benzene	5080061			ug/L	0.20	0.67	<0.20							
Bromobenzene	5080061			ug/L	0.20	0.67	<0.20							
Bromochloromethane	5080061			ug/L	0.50	1.7	<0.50							
Bromodichloromethane	5080061			ug/L	0.20	0.67	<0.20							
Bromoform	5080061			ug/L	0.20	0.67	<0.20							
Bromomethane	5080061			ug/L	0.20	0.67	<0.20							
n-Butylbenzene	5080061			ug/L	0.20	0.67	<0.20							
sec-Butylbenzene	5080061			ug/L	0.25	0.83	<0.25							
tert-Butylbenzene	5080061			ug/L	0.20	0.67	<0.20							
Carbon Tetrachloride	5080061			ug/L	0.50	1.7	<0.50							
Chlorobenzene	5080061			ug/L	0.20	0.67	<0.20							
Chlorodibromomethane	5080061			ug/L	0.20	0.67	<0.20							
Chloroethane	5080061			ug/L	1.0	3.3	<1.0							
Chloroform	5080061			ug/L	0.20	0.67	<0.20							
Chloromethane	5080061			ug/L	0.20	0.67	<0.20							
2-Chlorotoluene	5080061			ug/L	0.50	1.7	<0.50							
4-Chlorotoluene	5080061			ug/L	0.20	0.67	<0.20							
1,2-Dibromo-3-chloropropane	5080061			ug/L	0.50	1.7	<0.50							
1,2-Dibromoethane (EDB)	5080061			ug/L	0.20	0.67	<0.20							
Dibromomethane	5080061			ug/L	0.20	0.67	<0.20							
1,2-Dichlorobenzene	5080061			ug/L	0.20	0.67	<0.20							



WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorriall

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
1,3-Dichlorobenzene	5080061			ug/L	0.20	0.67	<0.20							
1,4-Dichlorobenzene	5080061			ug/L	0.20	0.67	<0.20							
Dichlorodifluoromethane	5080061			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethane	5080061			ug/L	0.50	1.7	<0.50							
1,2-Dichloroethane	5080061			ug/L	0.50	1.7	<0.50							
1,1-Dichloroethene	5080061			ug/L	0.50	1.7	<0.50							
cis-1,2-Dichloroethene	5080061			ug/L	0.50	1.7	<0.50							
trans-1,2-Dichloroethene	5080061			ug/L	0.50	1.7	<0.50							
1,2-Dichloropropane	5080061			ug/L	0.50	1.7	<0.50							
1,3-Dichloropropane	5080061			ug/L	0.25	0.83	<0.25							
2,2-Dichloropropane	5080061			ug/L	0.50	1.7	<0.50							
1,1-Dichloropropene	5080061			ug/L	0.50	1.7	<0.50							
cis-1,3-Dichloropropene	5080061			ug/L	0.20	0.67	<0.20							
trans-1,3-Dichloropropene	5080061			ug/L	0.20	0.67	<0.20							
Isopropyl Ether	5080061			ug/L	0.50	1.7	<0.50							
Ethylbenzene	5080061			ug/L	0.50	1.7	<0.50							
Hexachlorobutadiene	5080061			ug/L	0.50	1.7	<0.50							
Isopropylbenzene	5080061			ug/L	0.20	0.67	<0.20							
p-Isopropyltoluene	5080061			ug/L	0.20	0.67	<0.20							
Methylene Chloride	5080061			ug/L	1.0	3.3	<1.0							
Methyl tert-Butyl Ether	5080061			ug/L	0.50	1.7	<0.50							
Naphthalene	5080061			ug/L	0.25	0.83	<0.25							
n-Propylbenzene	5080061			ug/L	0.50	1.7	<0.50							
Styrene	5080061			ug/L	0.20	0.67	<0.20							
1,1,1,2-Tetrachloroethane	5080061			ug/L	0.25	0.83	<0.25							
1,1,2,2-Tetrachloroethane	5080061			ug/L	0.20	0.67	<0.20							
Tetrachloroethene	5080061			ug/L	0.50	1.7	<0.50							
Toluene	5080061			ug/L	0.20	0.67	<0.20							
1,2,3-Trichlorobenzene	5080061			ug/L	0.25	0.83	<0.25							
1,2,4-Trichlorobenzene	5080061			ug/L	0.25	0.83	<0.25							
1,1,1-Trichloroethane	5080061			ug/L	0.50	1.7	<0.50							
1,1,2-Trichloroethane	5080061			ug/L	0.25	0.83	<0.25							
Trichloroethene	5080061			ug/L	0.20	0.67	<0.20							
Trichlorofluoromethane	5080061			ug/L	0.50	1.7	<0.50							
1,2,3-Trichloropropane	5080061			ug/L	0.50	1.7	<0.50							
1,2,4-Trimethylbenzene	5080061			ug/L	0.20	0.67	<0.20							
1,3,5-Trimethylbenzene	5080061			ug/L	0.20	0.67	<0.20							
Vinyl chloride	5080061			ug/L	0.20	0.67	<0.20							
Xylenes, Total	5080061			ug/L	0.50	1.7	<0.50							
Surrogate: Dibromofluoromethane	5080061			ug/L					100		89-119			
Surrogate: Toluene-d8	5080061			ug/L					99		91-109			
Surrogate: 4-Bromofluorobenzene	5080061			ug/L					100		89-114			

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorrill

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	LOQ	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
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WESTON SOLUTIONS  
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Work Order: WOH0048  
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Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	LOQ	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Semivolatile Organic Compounds by EPA Method 8270C</b>														
Acenaphthene	5080045			ug/l	N/A	2.00	ND							
Acenaphthylene	5080045			ug/l	N/A	2.00	ND							
Aniline	5080045			ug/l	N/A	2.00	ND							
Anthracene	5080045			ug/l	N/A	2.00	ND							
Benzidine	5080045			ug/l	N/A	50.0	ND							
Benzoic acid	5080045			ug/l	N/A	20.0	ND							
Benz (a) anthracene	5080045			ug/l	N/A	2.00	ND							
Benzo (a) pyrene	5080045			ug/l	N/A	2.00	ND							
Benzo (b) fluoranthene	5080045			ug/l	N/A	2.00	ND							
Benzo (ghi) perylene	5080045			ug/l	N/A	2.00	ND							
Benzo (k) fluoranthene	5080045			ug/l	N/A	2.00	ND							
Benzyl alcohol	5080045			ug/l	N/A	2.00	ND							
Bis(2-chloroethoxy)methane	5080045			ug/l	N/A	2.00	ND							
Bis(2-chloroethyl)ether	5080045			ug/l	N/A	2.00	ND							
Bis(2-chloroisopropyl)ether	5080045			ug/l	N/A	2.00	ND							
Bis(2-ethylhexyl)phthalate	5080045			ug/l	N/A	10.0	ND							
4-Bromophenyl phenyl ether	5080045			ug/l	N/A	2.00	ND							
Butyl benzyl phthalate	5080045			ug/l	N/A	10.0	ND							
Carbazole	5080045			ug/l	N/A	2.00	ND							
4-Chloroaniline	5080045			ug/l	N/A	2.00	ND							
4-Chloro-3-methylphenol	5080045			ug/l	N/A	2.00	ND							
2-Chloronaphthalene	5080045			ug/l	N/A	2.00	ND							
2-Chlorophenol	5080045			ug/l	N/A	2.00	ND							
4-Chlorophenyl phenyl ether	5080045			ug/l	N/A	2.00	ND							
Chrysene	5080045			ug/l	N/A	2.00	ND							
Dibenz (a,h) anthracene	5080045			ug/l	N/A	2.00	ND							
Dibenzofuran	5080045			ug/l	N/A	2.00	ND							
1,2-Dichlorobenzene	5080045			ug/l	N/A	2.00	ND							
1,3-Dichlorobenzene	5080045			ug/l	N/A	2.00	ND							
1,4-Dichlorobenzene	5080045			ug/l	N/A	2.00	ND							
3,3'-Dichlorobenzidine	5080045			ug/l	N/A	10.0	ND							
2,4-Dichlorophenol	5080045			ug/l	N/A	2.00	ND							
Diethyl phthalate	5080045			ug/l	N/A	2.00	ND							
2,4-Dimethylphenol	5080045			ug/l	N/A	2.00	ND							
Dimethyl phthalate	5080045			ug/l	N/A	2.00	ND							
Di-n-butyl phthalate	5080045			ug/l	N/A	10.0	ND							
4,6-Dinitro-2-methylphenol	5080045			ug/l	N/A	10.0	ND							
2,4-Dinitrophenol	5080045			ug/l	N/A	10.0	ND							
2,4-Dinitrotoluene	5080045			ug/l	N/A	2.00	ND							
2,6-Dinitrotoluene	5080045			ug/l	N/A	2.00	ND							
Di-n-octyl phthalate	5080045			ug/l	N/A	10.0	ND							
1,2-Diphenylhydrazine	5080045			ug/l	N/A	2.00	ND							
Fluoranthene	5080045			ug/l	N/A	2.00	ND							
Fluorene	5080045			ug/l	N/A	2.00	ND							
Hexachlorobenzene	5080045			ug/l	N/A	2.00	ND							

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
Heidi Gorriell

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	LOQ	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Semivolatile Organic Compounds by EPA Method 8270C</b>														
Hexachlorobutadiene	5080045			ug/l	N/A	2.00	ND							
Hexachlorocyclopentadiene	5080045			ug/l	N/A	2.00	ND							
Hexachloroethane	5080045			ug/l	N/A	2.00	ND							
Indeno (1,2,3-cd) pyrene	5080045			ug/l	N/A	2.00	ND							
Isophorone	5080045			ug/l	N/A	2.00	ND							
2-Methylnaphthalene	5080045			ug/l	N/A	2.00	ND							
o-Cresol	5080045			ug/l	N/A	2.00	ND							
m,p-Cresols	5080045			ug/l	N/A	2.00	ND							
Naphthalene	5080045			ug/l	N/A	2.00	ND							
2-Nitroaniline	5080045			ug/l	N/A	10.0	ND							
3-Nitroaniline	5080045			ug/l	N/A	10.0	ND							
4-Nitroaniline	5080045			ug/l	N/A	10.0	ND							
Nitrobenzene	5080045			ug/l	N/A	2.00	ND							
2-Nitrophenol	5080045			ug/l	N/A	2.00	ND							
4-Nitrophenol	5080045			ug/l	N/A	10.0	ND							
N-Nitrosodimethylamine	5080045			ug/l	N/A	2.00	ND							
N-Nitrosodi-n-propylamine	5080045			ug/l	N/A	2.00	ND							
N-Nitrosodiphenylamine	5080045			ug/l	N/A	2.00	ND							
Pentachlorophenol	5080045			ug/l	N/A	10.0	ND							
Phenanthrene	5080045			ug/l	N/A	2.00	ND							
Phenol	5080045			ug/l	N/A	2.00	ND							
Pyrene	5080045			ug/l	N/A	2.00	ND							
Pyridine	5080045			ug/l	N/A	5.00	ND							
1,2,4-Trichlorobenzene	5080045			ug/l	N/A	2.00	ND							
2,4,5-Trichlorophenol	5080045			ug/l	N/A	10.0	ND							
2,4,6-Trichlorophenol	5080045			ug/l	N/A	2.00	ND							
Surrogate: 2-Fluorophenol	5080045			ug/l					28		10-110			
Surrogate: Phenol-d6	5080045			ug/l					19		10-110			
Surrogate: Nitrobenzene-d5	5080045			ug/l					77		10-110			
Surrogate: 2-Fluorobiphenyl	5080045			ug/l					75		10-110			
Surrogate: 2,4,6-Tribromophenol	5080045			ug/l					70		10-110			
Surrogate: p-Terphenyl-d14	5080045			ug/l					69		10-114			

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Received: 08/02/05  
Reported: 08/03/05 16:40

## CCB QC Data

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Metals</b>														
Aluminum	5H03007			mg/kg wet	N/A	N/A	ND							
Antimony	5H03007			mg/kg wet	N/A	N/A	0.00168							
Arsenic	5H03007			mg/kg wet	N/A	N/A	0.0154							
Barium	5H03007			mg/kg wet	N/A	N/A	ND							
Beryllium	5H03007			mg/kg wet	N/A	N/A	0.000692							
Cadmium	5H03007			mg/kg wet	N/A	N/A	0.00170							
Chromium	5H03007			mg/kg wet	N/A	N/A	0.00145							
Cobalt	5H03007			mg/kg wet	N/A	N/A	ND							
Copper	5H03007			mg/kg wet	N/A	N/A	ND							
Iron	5H03007			mg/kg wet	N/A	N/A	0.00253							
Lead	5H03007			mg/kg wet	N/A	N/A	0.00507							
Magnesium	5H03007			mg/kg wet	N/A	N/A	0.00132							
Manganese	5H03007			mg/kg wet	N/A	N/A	0.000654							
Nickel	5H03007			mg/kg wet	N/A	N/A	0.000676							
Potassium	5H03007			mg/kg wet	N/A	N/A	0.0320							
Selenium	5H03007			mg/kg wet	N/A	N/A	0.00198							
Silver	5H03007			mg/kg wet	N/A	N/A	0.000821							
Sodium	5H03007			mg/kg wet	N/A	N/A	0.0212							
Thallium	5H03007			mg/kg wet	N/A	N/A	0.0789							
Vanadium	5H03007			mg/kg wet	N/A	N/A	0.00152							
Zinc	5H03007			mg/kg wet	N/A	N/A	0.000245							
Aluminum	5H03007			mg/kg wet	N/A	N/A	0.0267							
Antimony	5H03007			mg/kg wet	N/A	N/A	ND							
Arsenic	5H03007			mg/kg wet	N/A	N/A	0.00911							
Barium	5H03007			mg/kg wet	N/A	N/A	0.00132							
Beryllium	5H03007			mg/kg wet	N/A	N/A	0.000680							
Cadmium	5H03007			mg/kg wet	N/A	N/A	0.00160							
Chromium	5H03007			mg/kg wet	N/A	N/A	0.0000308							
Cobalt	5H03007			mg/kg wet	N/A	N/A	0.000923							
Copper	5H03007			mg/kg wet	N/A	N/A	ND							
Iron	5H03007			mg/kg wet	N/A	N/A	0.0255							
Lead	5H03007			mg/kg wet	N/A	N/A	0.00631							
Magnesium	5H03007			mg/kg wet	N/A	N/A	0.0362							
Manganese	5H03007			mg/kg wet	N/A	N/A	0.00104							
Nickel	5H03007			mg/kg wet	N/A	N/A	0.00322							
Potassium	5H03007			mg/kg wet	N/A	N/A	0.0426							
Selenium	5H03007			mg/kg wet	N/A	N/A	ND							
Silver	5H03007			mg/kg wet	N/A	N/A	0.00118							
Sodium	5H03007			mg/kg wet	N/A	N/A	0.311							
Thallium	5H03007			mg/kg wet	N/A	N/A	0.0462							
Vanadium	5H03007			mg/kg wet	N/A	N/A	0.000489							
Zinc	5H03007			mg/kg wet	N/A	N/A	0.000475							
Mercury	5H03016			ug/L	N/A	N/A	0.171							
Mercury	5H03016			ug/L	N/A	N/A	0.166							
<b>Total Metals per EPA 6000 Series Methods</b>														
Calcium	5H03007			mg/kg wet	N/A	N/A	ND							
Calcium	5H03007			mg/kg wet	N/A	N/A	0.0516							

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
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Heidi Gorrell

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>														
pH	5080082		7.00	pH Units	N/A	N/A	7.04		101		98.6-101.4			
pH	5080082		7.00	pH Units	N/A	N/A	7.04		101		98.6-101.4			
<b>Metals</b>														
Aluminum	5H03007		5.00	mg/kg wet	N/A	N/A	4.93		99		90-110			
Barium	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Potassium	5H03007		50.0	mg/kg wet	N/A	N/A	49.4		99		90-110			
Silver	5H03007		1.00	mg/kg wet	N/A	N/A	1.00		100		90-110			
Sodium	5H03007		5.00	mg/kg wet	N/A	N/A	5.22		104		90-110			
Antimony	5H03007		5.00	mg/kg wet	N/A	N/A	4.89		98		90-110			
Arsenic	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Beryllium	5H03007		5.00	mg/kg wet	N/A	N/A	5.11		102		90-110			
Cadmium	5H03007		5.00	mg/kg wet	N/A	N/A	5.12		102		90-110			
Chromium	5H03007		5.00	mg/kg wet	N/A	N/A	5.13		103		90-110			
Cobalt	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Copper	5H03007		5.00	mg/kg wet	N/A	N/A	5.05		101		90-110			
Iron	5H03007		5.00	mg/kg wet	N/A	N/A	5.26		105		90-110			
Lead	5H03007		5.00	mg/kg wet	N/A	N/A	5.09		102		90-110			
Magnesium	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Manganese	5H03007		5.00	mg/kg wet	N/A	N/A	5.06		101		90-110			
Nickel	5H03007		5.00	mg/kg wet	N/A	N/A	5.10		102		90-110			
Selenium	5H03007		5.00	mg/kg wet	N/A	N/A	5.03		101		90-110			
Thallium	5H03007		5.00	mg/kg wet	N/A	N/A	5.23		105		90-110			
Vanadium	5H03007		5.00	mg/kg wet	N/A	N/A	5.12		102		90-110			
Zinc	5H03007		5.00	mg/kg wet	N/A	N/A	5.09		102		90-110			
Aluminum	5H03007		5.00	mg/kg wet	N/A	N/A	4.99		100		90-110			
Barium	5H03007		5.00	mg/kg wet	N/A	N/A	5.08		102		90-110			
Potassium	5H03007		50.0	mg/kg wet	N/A	N/A	49.7		99		90-110			
Silver	5H03007		1.00	mg/kg wet	N/A	N/A	1.02		102		90-110			
Sodium	5H03007		5.00	mg/kg wet	N/A	N/A	5.43		109		90-110			
Antimony	5H03007		5.00	mg/kg wet	N/A	N/A	4.84		97		90-110			
Arsenic	5H03007		5.00	mg/kg wet	N/A	N/A	4.95		99		90-110			
Beryllium	5H03007		5.00	mg/kg wet	N/A	N/A	4.97		99		90-110			
Cadmium	5H03007		5.00	mg/kg wet	N/A	N/A	4.98		100		90-110			
Chromium	5H03007		5.00	mg/kg wet	N/A	N/A	5.01		100		90-110			
Cobalt	5H03007		5.00	mg/kg wet	N/A	N/A	4.95		99		90-110			
Copper	5H03007		5.00	mg/kg wet	N/A	N/A	4.99		100		90-110			
Iron	5H03007		5.00	mg/kg wet	N/A	N/A	5.12		102		90-110			
Lead	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Magnesium	5H03007		5.00	mg/kg wet	N/A	N/A	4.98		100		90-110			
Manganese	5H03007		5.00	mg/kg wet	N/A	N/A	4.95		99		90-110			
Nickel	5H03007		5.00	mg/kg wet	N/A	N/A	4.98		100		90-110			
Selenium	5H03007		5.00	mg/kg wet	N/A	N/A	4.97		99		90-110			
Thallium	5H03007		5.00	mg/kg wet	N/A	N/A	5.20		104		90-110			
Vanadium	5H03007		5.00	mg/kg wet	N/A	N/A	5.02		100		90-110			
Zinc	5H03007		5.00	mg/kg wet	N/A	N/A	4.98		100		90-110			
Mercury	5H03016		5.00	ug/L	N/A	N/A	5.25		105		90-110			
Mercury	5H03016		5.00	ug/L	N/A	N/A	5.21		104		90-110			

WESTON SOLUTIONS  
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Received: 08/02/05  
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## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Total Metals per EPA 6000 Series Methods</b>														
Calcium	5H03007		5.00	mg/kg wet	N/A	N/A	5.10		102		90-110			
Calcium	5H03007		5.00	mg/kg wet	N/A	N/A	4.98		100		90-110			
<b>VOCs by SW8260B</b>														
Benzene	5H02008		50.0	ug/kg wet	N/A	N/A	48.7		97		80-120			
Bromobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	51.2		102		80-120			
Bromochloromethane	5H02008		50.0	ug/kg wet	N/A	N/A	49.1		98		80-120			
Bromodichloromethane	5H02008		50.0	ug/kg wet	N/A	N/A	49.5		99		80-120			
Bromoform	5H02008		50.0	ug/kg wet	N/A	N/A	51.9		104		80-120			
Bromomethane	5H02008		50.0	ug/kg wet	N/A	N/A	59.3		119		80-120			
n-Butylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	49.2		98		80-120			
sec-Butylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	49.6		99		80-120			
tert-Butylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.5		101		80-120			
Carbon Tetrachloride	5H02008		50.0	ug/kg wet	N/A	N/A	50.4		101		80-120			
Chlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.9		102		80-120			
Chlorodibromomethane	5H02008		50.0	ug/kg wet	N/A	N/A	52.1		104		80-120			
Chloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	48.3		97		80-120			
Chloroform	5H02008		50.0	ug/kg wet	N/A	N/A	49.6		99		80-120			
Chloromethane	5H02008		50.0	ug/kg wet	N/A	N/A	44.2		88		80-120			
2-Chlorotoluene	5H02008		50.0	ug/kg wet	N/A	N/A	48.0		96		80-120			
4-Chlorotoluene	5H02008		50.0	ug/kg wet	N/A	N/A	46.1		92		80-120			
1,2-Dibromo-3-chloropropane	5H02008		50.0	ug/kg wet	N/A	N/A	52.1		104		80-120			
1,2-Dibromoethane (EDB)	5H02008		50.0	ug/kg wet	N/A	N/A	51.3		103		80-120			
Dibromomethane	5H02008		50.0	ug/kg wet	N/A	N/A	52.2		104		80-120			
1,2-Dichlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.3		101		80-120			
1,3-Dichlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.1		100		80-120			
1,4-Dichlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.2		100		80-120			
Dichlorodifluoromethane	5H02008		50.0	ug/kg wet	N/A	N/A	59.7		119		80-120			
1,1-Dichloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	47.4		95		80-120			
1,2-Dichloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	51.3		103		80-120			
1,1-Dichloroethene	5H02008		50.0	ug/kg wet	N/A	N/A	49.5		99		80-120			
cis-1,2-Dichloroethene	5H02008		50.0	ug/kg wet	N/A	N/A	50.8		102		80-120			
trans-1,2-Dichloroethene	5H02008		50.0	ug/kg wet	N/A	N/A	51.8		104		80-120			
1,2-Dichloropropane	5H02008		50.0	ug/kg wet	N/A	N/A	47.1		94		80-120			
1,3-Dichloropropane	5H02008		50.0	ug/kg wet	N/A	N/A	48.9		98		80-120			
2,2-Dichloropropane	5H02008		50.0	ug/kg wet	N/A	N/A	51.6		103		80-120			
1,1-Dichloropropene	5H02008		50.0	ug/kg wet	N/A	N/A	47.8		96		80-120			
cis-1,3-Dichloropropene	5H02008		50.0	ug/kg wet	N/A	N/A	49.6		99		80-120			
trans-1,3-Dichloropropene	5H02008		50.0	ug/kg wet	N/A	N/A	51.0		102		80-120			
2,3-Dichloropropene	5H02008		50.0	ug/kg wet	N/A	N/A	52.4		105		80-120			
Isopropyl Ether	5H02008		50.0	ug/kg wet	N/A	N/A	49.3		99		80-120			
Ethylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.4		101		80-120			
Hexachlorobutadiene	5H02008		50.0	ug/kg wet	N/A	N/A	47.5		95		80-120			
Isopropylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	49.6		99		80-120			



WESTON SOLUTIONS  
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Received: 08/02/05  
Reported: 08/03/05 16:40

## CCV QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
p-Isopropyltoluene	5H02008		50.0	ug/kg wet	N/A	N/A	49.8		100		80-120			
Methylene Chloride	5H02008		50.0	ug/kg wet	N/A	N/A	49.9		100		80-120			
Methyl tert-Butyl Ether	5H02008		50.0	ug/kg wet	N/A	N/A	52.8		106		80-120			
Naphthalene	5H02008		50.0	ug/kg wet	N/A	N/A	50.9		102		80-120			
n-Propylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.6		101		80-120			
Styrene	5H02008		50.0	ug/kg wet	N/A	N/A	52.4		105		80-120			
1,1,1,2-Tetrachloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	51.7		103		80-120			
1,1,2,2-Tetrachloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	49.2		98		80-120			
Tetrachloroethene	5H02008		50.0	ug/kg wet	N/A	N/A	49.8		100		80-120			
Toluene	5H02008		50.0	ug/kg wet	N/A	N/A	49.7		99		80-120			
1,2,3-Trichlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.7		101		80-120			
1,2,4-Trichlorobenzene	5H02008		50.0	ug/kg wet	N/A	N/A	51.7		103		80-120			
1,1,1-Trichloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	50.4		101		80-120			
1,1,2-Trichloroethane	5H02008		50.0	ug/kg wet	N/A	N/A	50.7		101		80-120			
Trichloroethene	5H02008		50.0	ug/kg wet	N/A	N/A	51.8		104		80-120			
Trichlorofluoromethane	5H02008		50.0	ug/kg wet	N/A	N/A	49.8		100		80-120			
1,2,3-Trichloropropane	5H02008		50.0	ug/kg wet	N/A	N/A	51.6		103		80-120			
1,2,4-Trimethylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.8		102		80-120			
1,3,5-Trimethylbenzene	5H02008		50.0	ug/kg wet	N/A	N/A	50.3		101		80-120			
Vinyl chloride	5H02008		50.0	ug/kg wet	N/A	N/A	46.5		93		80-120			
Xylenes, total	5H02008		150	ug/kg wet	N/A	N/A	152		101		80-120			
Surrogate: Dibromofluoromethane	5H02008			ug/kg wet					100		80-120			
Surrogate: Toluene-d8	5H02008			ug/kg wet					98		80-120			
Surrogate: 4-Bromofluorobenzene	5H02008			ug/kg wet					99		80-120			

WESTON SOLUTIONS  
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Heidi Gorrill

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>													
<b>QC Source Sample: WOH0023-01</b>													
Total Suspended Solids	5080086	4.0		mg/L	1.0	3.3	12.0				100	26	
<b>QC Source Sample: WOH0026-02</b>													
Total Suspended Solids	5080086	2.7		mg/L	1.0	3.3	2.70				0	26	J

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Received: 08/02/05  
Reported: 08/03/05 16:40

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Metals</b>														
Aluminum	5080094		2.00	mg/L	0.015	0.052	1.98		99		80-110			
Antimony	5080094		2.00	mg/L	0.013	0.045	1.97		98		82-111			
Arsenic	5080094		2.00	mg/L	0.025	0.087	2.01		100		85-112			
Barium	5080094		1.00	mg/L	0.0012	0.0043	0.913		91		78-110			
Beryllium	5080094		1.00	mg/L	0.00013	0.00046	0.996		100		80-112			
Cadmium	5080094		1.00	mg/L	0.0011	0.0040	1.01		101		83-109			B
Calcium	5080094		2.00	mg/L	0.013	0.047	2.12		106		68-118			B
Chromium	5080094		1.00	mg/L	0.0021	0.0072	1.02		102		84-110			
Cobalt	5080094		1.00	mg/L	0.0063	0.022	1.01		101		81-111			
Copper	5080094		2.00	mg/L	0.018	0.065	2.01		100		84-111			
Iron	5080094		2.00	mg/L	0.016	0.053	2.08		104		77-115			
Lead	5080094		2.00	mg/L	0.013	0.047	2.04		102		84-110			
Magnesium	5080094		2.00	mg/L	0.013	0.047	2.05		102		76-115			B
Manganese	5080094		1.00	mg/L	0.00096	0.0032	1.00		100		83-109			
Nickel	5080094		2.00	mg/L	0.0040	0.014	1.98		99		83-108			B
Potassium	5080094		4.00	mg/L	0.019	0.067	4.04		101		69-117			
Selenium	5080094		4.00	mg/L	0.045	0.16	4.00		100		84-110			
Silver	5080094		1.00	mg/L	0.0013	0.0046	1.05		105		80-123			
Sodium	5080094		3.00	mg/L	0.0100	0.035	3.12		104		63-124			
Thallium	5080094		2.00	mg/L	0.038	0.13	1.95		98		80-120			
Vanadium	5080094		1.00	mg/L	0.0015	0.0052	1.02		102		82-115			
Zinc	5080094		1.00	mg/L	0.0028	0.0095	1.02		102		82-111			
Mercury	5080114		0.00250	mg/L	0.000092	0.00033	0.00228		91		78-131			B

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Received: 08/02/05  
Reported: 08/03/05 16:40

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	LOQ	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>Semivolatile Organic Compounds by EPA Method 8270C</b>														
Acenaphthene	5080045		25.0	ug/l	N/A	2.00	20.2	22.1	81	88	10-110	9	35	O3
Acenaphthylene	5080045		25.0	ug/l	N/A	2.00	20.0	21.8	80	87	10-110	9	35	O3
Aniline	5080045		25.0	ug/l	N/A	2.00	17.7	18.8	71	75	10-110	6	35	O3
Anthracene	5080045		25.0	ug/l	N/A	2.00	21.0	23.2	84	93	10-110	10	35	O3
Benzidine	5080045		50.0	ug/l	N/A	50.0	62.6	30.4	125	61	0-200	69	200	O3
Benzoic acid	5080045		25.0	ug/l	N/A	20.0	1.19	3.49	5	14	10-110		35	O3
Benz (a) anthracene	5080045		25.0	ug/l	N/A	2.00	20.5	22.3	82	89	10-111	8	35	O3
Benzo (a) pyrene	5080045		25.0	ug/l	N/A	2.00	21.1	22.8	84	91	10-110	8	35	O3
Benzo (b) fluoranthene	5080045		25.0	ug/l	N/A	2.00	20.3	21.4	81	86	10-111	5	35	O3
Benzo (ghi) perylene	5080045		25.0	ug/l	N/A	2.00	19.1	21.3	76	85	10-110	11	35	O3
Benzo (k) fluoranthene	5080045		25.0	ug/l	N/A	2.00	19.4	21.9	78	88	10-110	12	35	O3
Benzyl alcohol	5080045		25.0	ug/l	N/A	2.00	15.7	17.5	63	70	10-110	11	35	O3
Bis(2-chloroethoxy)methane	5080045		25.0	ug/l	N/A	2.00	21.3	23.5	85	94	10-110	10	35	O3
Bis(2-chloroethyl)ether	5080045		25.0	ug/l	N/A	2.00	19.8	21.7	79	87	10-110	9	35	O3
Bis(2-chloroisopropyl)ether	5080045		25.0	ug/l	N/A	2.00	20.5	22.6	82	90	10-110	10	35	O3
Bis(2-ethylhexyl)phthalate	5080045		25.0	ug/l	N/A	10.0	22.3	24.7	89	99	10-114	10	35	O3
4-Bromophenyl phenyl ether	5080045		25.0	ug/l	N/A	2.00	19.9	21.2	80	85	10-110	6	35	O3
Butyl benzyl phthalate	5080045		25.0	ug/l	N/A	10.0	19.8	22.2	79	89	10-122	11	35	O3
Carbazole	5080045		25.0	ug/l	N/A	2.00	23.7	26.5	95	106	10-114	11	35	O3
4-Chloroaniline	5080045		25.0	ug/l	N/A	2.00	22.1	24.0	88	96	10-110	8	35	O3
4-Chloro-3-methylphenol	5080045		25.0	ug/l	N/A	2.00	19.2	20.0	77	80	10-110	4	35	O3
2-Chloronaphthalene	5080045		25.0	ug/l	N/A	2.00	19.5	22.0	78	88	10-110	12	35	O3
2-Chlorophenol	5080045		25.0	ug/l	N/A	2.00	14.2	16.3	57	65	10-110	14	35	O3
4-Chlorophenyl phenyl ether	5080045		25.0	ug/l	N/A	2.00	19.3	21.6	77	86	10-110	11	35	O3
Chrysene	5080045		25.0	ug/l	N/A	2.00	21.6	23.7	86	95	10-110	9	35	O3
Dibenz (a,h) anthracene	5080045		25.0	ug/l	N/A	2.00	20.0	20.7	80	83	10-110	3	35	O3
Dibenzofuran	5080045		25.0	ug/l	N/A	2.00	20.5	22.7	82	91	10-110	10	35	O3
1,2-Dichlorobenzene	5080045		25.0	ug/l	N/A	2.00	18.5	20.7	74	83	10-110	11	35	O3
1,3-Dichlorobenzene	5080045		25.0	ug/l	N/A	2.00	18.4	20.3	74	81	10-110	10	35	O3
1,4-Dichlorobenzene	5080045		25.0	ug/l	N/A	2.00	17.5	19.6	70	78	10-110	11	35	O3
3,3'-Dichlorobenzidine	5080045		50.0	ug/l	N/A	10.0	75.3	80.6	151	161	10-110	7	35	O3
2,4-Dichlorophenol	5080045		25.0	ug/l	N/A	2.00	17.2	19.0	69	76	10-110	10	35	O3
Diethyl phthalate	5080045		25.0	ug/l	N/A	2.00	20.2	22.6	81	90	10-115	11	35	O3
2,4-Dimethylphenol	5080045		25.0	ug/l	N/A	2.00	19.0	20.5	76	82	10-110	8	35	O3
Dimethyl phthalate	5080045		25.0	ug/l	N/A	2.00	19.8	22.1	79	88	10-110	11	35	O3
Di-n-butyl phthalate	5080045		25.0	ug/l	N/A	10.0	21.4	24.4	86	98	10-116	13	35	O3
4,6-Dinitro-2-methylphenol	5080045		25.0	ug/l	N/A	10.0	8.32	17.7	33	71	10-110	72	35	O3
2,4-Dinitrophenol	5080045		25.0	ug/l	N/A	10.0	8.32	17.3	33	69	10-110	70	35	O3
2,4-Dinitrotoluene	5080045		25.0	ug/l	N/A	2.00	18.9	21.7	76	87	10-110	14	35	O3
2,6-Dinitrotoluene	5080045		25.0	ug/l	N/A	2.00	20.6	22.8	82	91	10-112	10	35	O3
Di-n-octyl phthalate	5080045		25.0	ug/l	N/A	10.0	26.2	27.6	105	110	10-112	5	35	O3
1,2-Diphenylhydrazine	5080045		25.0	ug/l	N/A	2.00	19.4	21.4	78	86	0-200	10	200	O3
Fluoranthene	5080045		25.0	ug/l	N/A	2.00	21.3	23.1	85	92	10-111	8	35	O3
Fluorene	5080045		25.0	ug/l	N/A	2.00	20.1	22.7	80	91	10-110	12	35	O3
Hexachlorobenzene	5080045		25.0	ug/l	N/A	2.00	19.5	21.2	78	85	10-110	8	35	O3

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
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Heidi Gorrell

Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	LOQ	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Semivolatile Organic Compounds by EPA Method 8270C</b>														
Hexachlorobutadiene	5080045		25.0	ug/l	N/A	2.00	17.1	18.1	68	72	10-110	6	35	O3
Hexachlorocyclopentadiene	5080045		25.0	ug/l	N/A	2.00	17.0	18.2	68	73	10-110	7	35	O3
Hexachloroethane	5080045		25.0	ug/l	N/A	2.00	19.0	20.8	76	83	10-110	9	35	O3
Indeno (1,2,3-cd) pyrene	5080045		25.0	ug/l	N/A	2.00	20.3	21.5	81	86	10-110	6	35	O3
Isophorone	5080045		25.0	ug/l	N/A	2.00	20.1	21.9	80	88	10-110	9	35	O3
2-Methylnaphthalene	5080045		25.0	ug/l	N/A	2.00	19.7	21.5	79	86	10-110	9	35	O3
o-Cresol	5080045		25.0	ug/l	N/A	2.00	14.8	16.6	59	66	10-110	12	35	O3
m,p-Cresols	5080045		25.0	ug/l	N/A	2.00	13.3	14.7	53	59	10-110	10	35	O3
Naphthalene	5080045		25.0	ug/l	N/A	2.00	20.3	22.2	81	89	10-110	9	35	O3
2-Nitroaniline	5080045		25.0	ug/l	N/A	10.0	21.5	24.0	86	96	10-110	11	35	O3
3-Nitroaniline	5080045		25.0	ug/l	N/A	10.0	20.9	24.0	84	96	10-110	14	35	O3
4-Nitroaniline	5080045		25.0	ug/l	N/A	10.0	22.8	26.0	91	104	10-112	13	35	O3
Nitrobenzene	5080045		25.0	ug/l	N/A	2.00	19.5	21.3	78	85	10-110	9	35	O3
2-Nitrophenol	5080045		25.0	ug/l	N/A	2.00	16.5	19.4	66	78	10-110	16	35	O3
4-Nitrophenol	5080045		25.0	ug/l	N/A	10.0	3.42	6.49	14	26	10-110	62	35	O3
N-Nitrosodimethylamine	5080045		25.0	ug/l	N/A	2.00	8.81	9.98	35	40	0-200	13	200	O3
N-Nitrosodi-n-propylamine	5080045		25.0	ug/l	N/A	2.00	22.5	24.5	90	98	10-113	9	35	O3
N-Nitrosodiphenylamine	5080045		25.0	ug/l	N/A	2.00	23.7	25.7	95	103	10-110	8	35	O3
Pentachlorophenol	5080045		25.0	ug/l	N/A	10.0	10.1	16.4	40	66	10-110	48	35	O3
Phenanthrene	5080045		25.0	ug/l	N/A	2.00	21.1	23.7	84	95	10-112	12	35	O3
Phenol	5080045		25.0	ug/l	N/A	2.00	5.77	6.60	23	26	10-110	13	35	O3
Pyrene	5080045		25.0	ug/l	N/A	2.00	16.9	19.4	68	78	10-120	14	35	O3
Pyridine	5080045		25.0	ug/l	N/A	5.00	8.88	8.39	36	34	0-200	6	200	O3
1,2,4-Trichlorobenzene	5080045		25.0	ug/l	N/A	2.00	18.1	19.8	72	79	10-110	9	35	O3
2,4,5-Trichlorophenol	5080045		25.0	ug/l	N/A	10.0	14.4	16.6	58	66	10-110	14	35	O3
2,4,6-Trichlorophenol	5080045		25.0	ug/l	N/A	2.00	12.7	17.3	51	69	10-110	31	35	O3
Surrogate: 2-Fluorophenol	5080045			ug/l					21	26	10-110			O3
Surrogate: Phenol-d6	5080045			ug/l					18	20	10-110			O3
Surrogate: Nitrobenzene-d5	5080045			ug/l					79	79	10-110			O3
Surrogate: 2-Fluorobiphenyl	5080045			ug/l					76	79	10-110			O3
Surrogate: 2,4,6-Tribromophenol	5080045			ug/l					61	65	10-110			O3
Surrogate: p-Terphenyl-d14	5080045			ug/l					68	71	10-114			O3

WESTON SOLUTIONS  
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Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>														
<b>QC Source Sample: WOH0048-01</b>														
Chemical Oxygen Demand	5080089	200	75.0	mg/L	5.7	20	270	270	93	93	66-149	0	28	
<b>Metals</b>														
<b>QC Source Sample: WOH0048-01</b>														
Aluminum	5080094	22	2.00	mg/L	0.015	0.052	28.6	25.1	330	155	66-130	13	34	MHA
Antimony	5080094	<0.013	2.00	mg/L	0.013	0.045	1.30	1.34	65	67	70-122	3	30	M12
Arsenic	5080094	<0.025	2.00	mg/L	0.025	0.087	1.88	1.82	94	91	67-127	3	21	
Barium	5080094	0.37	1.00	mg/L	0.0012	0.0043	1.24	1.17	87	80	57-124	6	32	
Beryllium	5080094	0.0011	1.00	mg/L	0.00013	0.0046	0.932	0.904	93	90	56-131	3	25	
Cadmium	5080094	0.012	1.00	mg/L	0.0011	0.0040	0.930	0.903	92	89	65-118	3	18	B
Calcium	5080094	63	2.00	mg/L	0.013	0.047	69.5	66.9	325	195	75-125	4	20	MHA,B
Chromium	5080094	0.031	1.00	mg/L	0.0021	0.0072	0.963	0.926	93	90	63-122	4	21	
Cobalt	5080094	0.023	1.00	mg/L	0.0063	0.022	0.940	0.912	92	89	56-122	3	22	
Copper	5080094	0.037	2.00	mg/L	0.018	0.065	1.90	1.84	93	90	69-123	3	25	
Iron	5080094	40	2.00	mg/L	0.016	0.053	45.7	39.7	285	-15	60-131	14	42	MHA
Lead	5080094	0.028	2.00	mg/L	0.013	0.047	1.89	1.82	93	90	67-120	4	18	
Magnesium	5080094	24	2.00	mg/L	0.013	0.047	27.6	26.0	180	100	74-122	6	31	MHA,B
Manganese	5080094	2.2	1.00	mg/L	0.00096	0.0032	3.26	3.14	106	94	69-119	4	27	
Nickel	5080094	0.034	2.00	mg/L	0.0040	0.014	1.83	1.77	90	87	63-117	3	21	B
Potassium	5080094	8.2	4.00	mg/L	0.019	0.067	12.7	12.2	112	100	75-125	4	20	
Selenium	5080094	<0.045	4.00	mg/L	0.045	0.16	3.68	3.64	92	91	70-123	1	20	
Silver	5080094	0.0028	1.00	mg/L	0.0013	0.0046	0.943	0.931	94	93	70-124	1	20	
Sodium	5080094	170	3.00	mg/L	0.0100	0.035	196	191	867	700	70-130	3	20	MHA
Thallium	5080094	0.049	2.00	mg/L	0.038	0.13	1.77	1.73	86	84	75-125	2	20	
Vanadium	5080094	0.073	1.00	mg/L	0.0015	0.0052	1.02	0.985	95	91	75-125	3	20	
Zinc	5080094	0.22	1.00	mg/L	0.0028	0.0095	1.18	1.12	96	90	63-125	5	30	
<b>QC Source Sample: WOH0036-03</b>														
Mercury	5080114	0.00016	0.00250	mg/L	0.000092	0.00033	0.00236	0.00234	88	87	67-141	1	13	B
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WOG0981-03</b>														
Benzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.0	47.9	98	96	80-121	2	11	
Bromobenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	50.5	49.6	101	99	70-130	2	20	
Bromochloromethane	5080061	<0.50	50.0	ug/L	0.50	1.7	49.0	48.0	98	96	70-130	2	20	
Bromodichloromethane	5080061	<0.20	50.0	ug/L	0.20	0.67	49.0	47.5	98	95	70-130	3	20	
Bromoform	5080061	<0.20	50.0	ug/L	0.20	0.67	51.2	51.3	102	103	70-130	0	20	
Bromomethane	5080061	<0.20	50.0	ug/L	0.20	0.67	62.9	61.4	126	123	70-130	2	20	
n-Butylbenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.3	48.8	99	98	70-130	1	20	
sec-Butylbenzene	5080061	<0.25	50.0	ug/L	0.25	0.83	49.4	48.9	99	98	70-130	1	20	
tert-Butylbenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	50.0	49.8	100	100	70-130	0	20	
Carbon Tetrachloride	5080061	<0.50	50.0	ug/L	0.50	1.7	51.8	51.1	104	102	70-130	1	20	
Chlorobenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	50.7	49.3	101	99	85-116	3	9	
Chlorodibromomethane	5080061	<0.20	50.0	ug/L	0.20	0.67	52.2	50.6	104	101	70-130	3	20	
Chloroethane	5080061	<1.0	50.0	ug/L	1.0	3.3	48.7	48.5	97	97	70-130	0	20	
Chloroform	5080061	<0.20	50.0	ug/L	0.20	0.67	50.0	48.8	100	98	70-130	2	20	
Chloromethane	5080061	<0.20	50.0	ug/L	0.20	0.67	44.5	43.6	89	87	70-130	2	20	
2-Chlorotoluene	5080061	<0.50	50.0	ug/L	0.50	1.7	49.0	47.0	98	94	70-130	4	20	
4-Chlorotoluene	5080061	<0.20	50.0	ug/L	0.20	0.67	44.6	48.9	89	98	70-130	9	20	
1,2-Dibromo-3-chloropropane	5080061	<0.50	50.0	ug/L	0.50	1.7	52.1	52.6	104	105	70-130	1	20	

WESTON SOLUTIONS  
20 N. Wacker Drive Suite 1210  
Chicago, IL 60606  
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Work Order: WOH0048  
Project: Watertown Tire Fire E. R.  
Project Number: [none]

Received: 08/02/05  
Reported: 08/03/05 16:40

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD	RPD Limit	Q
<b>VOCs by SW8260B</b>														
<b>QC Source Sample: WOG0981-03</b>														
1,2-Dibromoethane (EDB)	5080061	<0.20	50.0	ug/L	0.20	0.67	51.1	50.4	102	101	70-130	1	20	
Dibromomethane	5080061	<0.20	50.0	ug/L	0.20	0.67	51.8	50.2	104	100	70-130	3	20	
1,2-Dichlorobenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.9	49.3	100	99	70-130	1	20	
1,3-Dichlorobenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.9	48.9	100	98	70-130	2	20	
1,4-Dichlorobenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.5	48.8	99	98	70-130	1	20	
Dichlorodifluoromethane	5080061	<0.50	50.0	ug/L	0.50	1.7	60.1	59.1	120	118	70-130	2	20	
1,1-Dichloroethane	5080061	<0.50	50.0	ug/L	0.50	1.7	47.7	48.0	95	96	70-130	1	20	
1,2-Dichloroethane	5080061	<0.50	50.0	ug/L	0.50	1.7	51.1	49.6	102	99	70-130	3	20	
1,1-Dichloroethene	5080061	<0.50	50.0	ug/L	0.50	1.7	50.4	49.7	101	99	72-131	1	17	
cis-1,2-Dichloroethene	5080061	<0.50	50.0	ug/L	0.50	1.7	50.8	49.3	102	99	70-130	3	20	
trans-1,2-Dichloroethene	5080061	<0.50	50.0	ug/L	0.50	1.7	51.0	48.9	102	98	70-130	4	20	
1,2-Dichloropropane	5080061	<0.50	50.0	ug/L	0.50	1.7	46.7	45.5	93	91	70-130	3	20	
1,3-Dichloropropane	5080061	<0.25	50.0	ug/L	0.25	0.83	48.4	47.4	97	95	70-130	2	20	
2,2-Dichloropropane	5080061	<0.50	50.0	ug/L	0.50	1.7	50.8	49.8	102	100	70-130	2	20	
1,1-Dichloropropene	5080061	<0.50	50.0	ug/L	0.50	1.7	48.5	47.5	97	95	70-130	2	20	
cis-1,3-Dichloropropene	5080061	<0.20	50.0	ug/L	0.20	0.67	48.9	47.4	98	95	70-130	3	20	
trans-1,3-Dichloropropene	5080061	<0.20	50.0	ug/L	0.20	0.67	51.1	49.9	102	100	70-130	2	20	
Isopropyl Ether	5080061	<0.50	50.0	ug/L	0.50	1.7	49.4	49.3	99	99	68-128	0	16	
Ethylbenzene	5080061	<0.50	50.0	ug/L	0.50	1.7	50.4	49.1	101	98	83-118	3	13	
Hexachlorobutadiene	5080061	<0.50	50.0	ug/L	0.50	1.7	46.9	46.0	94	92	70-130	2	20	
Isopropylbenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.2	48.5	98	97	70-130	1	20	
p-Isopropyltoluene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.5	48.5	99	97	70-130	2	20	
Methylene Chloride	5080061	<1.0	50.0	ug/L	1.0	3.3	50.0	49.0	100	98	70-130	2	20	
Methyl tert-Butyl Ether	5080061	<0.50	50.0	ug/L	0.50	1.7	52.4	52.0	105	104	71-127	1	22	
Naphthalene	5080061	<0.25	50.0	ug/L	0.25	0.83	50.2	47.8	100	96	70-130	5	20	
n-Propylbenzene	5080061	<0.50	50.0	ug/L	0.50	1.7	50.1	49.0	100	98	70-130	2	20	
Styrene	5080061	<0.20	50.0	ug/L	0.20	0.67	51.6	50.9	103	102	70-130	1	20	
1,1,1,2-Tetrachloroethane	5080061	<0.25	50.0	ug/L	0.25	0.83	51.5	50.6	103	101	70-130	2	20	
1,1,2,2-Tetrachloroethane	5080061	<0.20	50.0	ug/L	0.20	0.67	48.8	49.3	98	99	70-130	1	20	
Tetrachloroethene	5080061	<0.50	50.0	ug/L	0.50	1.7	49.7	48.6	99	97	70-130	2	20	
Toluene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.2	48.6	98	97	82-116	1	11	
1,2,3-Trichlorobenzene	5080061	<0.25	50.0	ug/L	0.25	0.83	50.2	47.8	100	96	70-130	5	20	
1,2,4-Trichlorobenzene	5080061	<0.25	50.0	ug/L	0.25	0.83	50.9	48.7	102	97	70-130	4	20	
1,1,1-Trichloroethane	5080061	<0.50	50.0	ug/L	0.50	1.7	51.0	50.0	102	100	70-130	2	20	
1,1,2-Trichloroethane	5080061	<0.25	50.0	ug/L	0.25	0.83	50.0	49.0	100	98	70-130	2	20	
Trichloroethene	5080061	<0.20	50.0	ug/L	0.20	0.67	51.7	50.2	103	100	80-117	3	13	
Trichlorofluoromethane	5080061	<0.50	50.0	ug/L	0.50	1.7	51.2	50.1	102	100	70-130	2	20	
1,2,3-Trichloropropane	5080061	<0.50	50.0	ug/L	0.50	1.7	51.0	51.1	102	102	70-130	0	20	
1,2,4-Trimethylbenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	50.6	48.8	101	98	80-122	4	14	
1,3,5-Trimethylbenzene	5080061	<0.20	50.0	ug/L	0.20	0.67	49.7	48.6	99	97	83-122	2	12	
Vinyl chloride	5080061	<0.20	50.0	ug/L	0.20	0.67	45.5	45.3	91	91	70-130	0	20	
Xylenes, Total	5080061	<0.50	150	ug/L	0.50	1.7	150	147	100	98	84-119	2	12	
Surrogate: Dibromofluoromethane	5080061			ug/L					101	102	89-119			
Surrogate: Toluene-d8	5080061			ug/L					98	99	91-109			
Surrogate: 4-Bromofluorobenzene	5080061			ug/L					98	99	89-114			



WESTON SOLUTIONS  
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Work Order: WOH0048  
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Received: 08/02/05  
Reported: 08/03/05 16:40

## CERTIFICATION SUMMARY

### TestAmerica Analytical - Watertown

Method	Matrix	Nelac	Wisconsin
EPA 150.1	Water - NonPotable	X	N/A
EPA 160.2	Water - NonPotable	X	X
EPA 245.1	Water - NonPotable	X	X
EPA 410.4	Water - NonPotable		X
SM 4500OC	Water - NonPotable		
SM 5520B	Water - NonPotable		X
SW 6010B	Water - NonPotable		X
SW 8260B	Water - NonPotable	X	X
SW 8270C	Water - NonPotable		

### Subcontracted Laboratories

GREAT LAKES ANALYTICAL - Buffalo Grove NELAC Cert #100261, Wisconsin Cert #999917160, Illinois Cert #100261

1380 Busch Parkway - Buffalo Grove, IL 60089

Method Performed: EPA 8270C

Samples: WOH0048-01

## DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- J** Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
- M12** The MS and/or MSD were below the acceptance limits. See calibration verification (CCV)
- MHA** Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
- O14** One or more surrogate recoveries were below the laboratory established control limits.
- O3** One or more internal standard recoveries were above the method specified acceptance criteria.
- P** The sample, as received, was not preserved in accordance to the referenced analytical method.
- QC** The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source method acceptance criteria.
- RL1** Reporting limit raised due to sample matrix effects.

## ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

