



MONTGOMERY WATSON LABORATORIES
 a Division of Montgomery Watson Americas, Inc.
 555 East Walnut Street
 Pasadena, California 91101
 Tel: 626 568 6400 Fax: 626 568 6324
 1 800 566 LABS (1 800 566 5227)

**Laboratory
 Report
 #57222**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		
MW-993-004 (990819175) Sampled on 08/19/99								
	08/26/99	101070	(MOD/EPA 300)	Perchlorate	22	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100696	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/21/99	101239	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/21/99	101239	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/21/99	101239	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Carbon Tetrachloride	1.8	ug/l	0.50	1

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 (continued)

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	08/21/99	101239	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.6	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	103	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		



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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(Surrogate) Toluene-d8	95	% Rec		

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QC Batch #100696**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819172		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(80.00 - 120.00)	0.00

QC Batch #101070**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819170		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.4	97.0	(90.00 - 110.00)	6.0
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.8	99.0	(75.00 - 125.00)	4.9

QC Batch #101239**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.71	92.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.88	97.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.60	90.0	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.72	93.0	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.51	87.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.41	85.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.81	120.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.63	115.8	(70.00 - 130.00)	3.8

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LCS1	1,1-Dichloropropene	4	3.66	91.5	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	3.57	89.2	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	3.54	88.5	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.59	89.8	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	3.97	99.2	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.65	91.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.87	96.8	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	3.73	93.2	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.65	83.1	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	3.53	88.2	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	3.95	98.8	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	29.1	72.8	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	3.83	<u>95.8</u>	(0.00 - 0.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	3.78	94.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	38.1	95.2	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	0813119		(0.00 - 0.00)
LCS1	Benzene	4	3.77	94.2	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.85	121.2	(70.00 - 130.00)
MSD	Benzene	4	4.69	117.3	(70.00 - 130.00) 3.4

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LCS1	Bromobenzene	4	3.52	88.0	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.64	82.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.65	91.2	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.76	94.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	5.01	125.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.74	118.5	(70.00 - 130.00)	5.5
LCS1	Carbon Tetrachloride	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.27	81.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.62	90.5	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.45	86.2	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.48	87.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	3.64	91.0	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.88	97.0	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.92	98.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.76	94.0	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	2.04	102.0	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.86	93.0	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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LCS1	Hexachlorobutadiene	4	3.83	95.8	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.82	95.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.28	103.5	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	3.17	79.2	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.99	99.8	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.64	91.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.74	93.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.88	97.0	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	97.0	97.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	100	100.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 127.00)	3.6
LCS1	Toluene-d8	100	102	102.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	95.4	95.4		
MS	Toluene-d8	100	111	<u>111.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	9.4
LCS1	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	95	95.0	(82.00 - 119.00)	

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MSD	Analyte	Concentration	Recovery	Yield (%)	Limits (%)	RPD (%)
MSD	4-Bromofluorobenzene	100	88	88.0	(82.00 - 119.00)	7.7
LCS1	trans-1,2-Dichloroethylene	4	3.30	82.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.63	90.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	5.62	<u>140.5</u>	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	5.24	<u>131.0</u>	(70.00 - 130.00)	7.0
LCS1	Trichlorotrifluoroethane (Freon)	2	2.14	107.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.84	96.0	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	5.25	<u>131.2</u>	(70.00 - 130.00)	
MSD	Toluene	4	4.79	119.8	(70.00 - 130.00)	9.2
LCS1	Vinyl chloride (VC)	2	2.41	120.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #101362

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819173		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	99	99.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	100	100.0	(77.00 - 119.00)	1.0

QC Batch #101401

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0826090		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.8	94.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	0.53

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



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Laboratory
 QC Report
 #57222

Foster Wheeler Environmental, Inc
 (continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.9	99.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.3	101.5	(75.00 - 125.00)	2.0

QC Batch #101767

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.11	102.8	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.13	103.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.98	99.5	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.99	99.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.32	108.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	5.5
LCS1	1,1-Dichloropropene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.10	102.5	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.28	107.0	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.08	102.0	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.17	104.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	3.69	92.2	(70.00 - 130.00)	

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.61	95.1	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	3.83	95.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.81	95.2	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	50.0	125.0	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	3.70	<u>92.5</u>	(0.00 - 0.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	3.52	88.0	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	47.8	119.5	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0824010		(0.00 - 0.00)	
LCS1	Benzene	4	4.11	102.8	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.69	117.3	(70.00 - 130.00)	
MSD	Benzene	4	4.44	111.0	(70.00 - 130.00)	5.5
LCS1	Bromobenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.96	98.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.00	100.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.01	100.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.59	114.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.00	100.0	(70.00 - 130.00)	14
LCS1	Carbon Tetrachloride	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.46	86.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				

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Laboratory
QC Report
#57222

Foster Wheeler Environmental, Inc
(continued)

LCS1	Chloroform (Trichloromethane)	4	3.92	98.0	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.02	100.5	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.86	93.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	4.14	103.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	3.93	98.2	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.91	97.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.10	102.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.93	98.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	1.95	97.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.93	96.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.13	103.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.86	96.5	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	7.87	98.4	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.08	77.0	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	n-Butylbenzene	ND			
LCS1	n-Propylbenzene	4	3.67	91.8	(70.00 - 130.00)
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.90	97.5	(72.00 - 118.00)

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 QC Report
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Foster Wheeler Environmental, Inc
 (continued)

MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.15	103.8	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.21	105.2	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.84	96.0	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.16	104.0	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	9.3
LCS1	Toluene-d8	100	98.9	98.9	(91.00 - 107.00)	
MBLK	Toluene-d8	100	106	106.0		
MS	Toluene-d8	100	108	<u>108.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	105	105.0	(91.00 - 107.00)	2.8
LCS1	4-Bromofluorobenzene	100	93.8	93.8	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	94	94.0	(82.00 - 119.00)	6.2
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.77	94.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.37	109.2	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	8.6
LCS1	Trichlorotrifluoroethane (Freon)	2	1.72	86.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.91	97.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.46	111.5	(70.00 - 130.00)	

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QC Report
#57222

Foster Wheeler Environmental, Inc
(continued)

MSD	Toluene	4	4.23	105.8	(70.00 - 130.00)	5.3
LCS1	Vinyl chloride (VC)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

September 20, 1999

Foster Wheeler Environmental
611 Anton Blvd, Suite 800
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 57238 (MW-993-094, MW-993-093, MW-993-061,
MW-993-062, MW-993-063, MW-993-063, MW-993-064, MW-993-
065, MW-993-066)

Sampled: 8/20/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)

(524) QC batch 101239- 08/21/99, 101767-8/25/99: The LCS limits for o-chlorotoluene have not been input into our LIMS system yet. The limits are 70-130. This analyte is within method acceptance limits, though it is flagged as being outside of the LIMS limits. Results are acceptable for regulatory reporting.

101767-8/25/99: Toluene-d8, the surrogate for the Matrix spike, is outside MWL internal control limits of 91-107. It is within QAPP specified limits of 85-115% and method acceptance limits of 80-120%. Results are acceptable for regulatory reporting.

101239- 08/21/99: The Matrix Spike and Spike Duplicate, MS/MSD, recoveries for Trichloroethylene recovered above MWL acceptance Limits, 70-130%. The RPD is 7.0%. None of the samples in this report group were used for the MS/MSD. The LCS and MBLK for this compound are acceptable. Results are reported without qualification. The MS recovery for Toluene is above the MWL acceptance limits of 70-130%. The RPD with the MSD is 9.2%. The LCS and MBLK are acceptable for this compound. None of the samples reported in this report group were used for the MS/MSD. Results are reported without qualification.

101239-8/21/99: Toluene-d8, the surrogate for the Matrix spike, is outside MWL internal control limits of 91-107. It is within QAPP specified limits of 85-115% and method acceptance limits of 80-120%. Results are acceptable for regulatory reporting.

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

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Southwest Service Center
4820 South Mill Avenue - Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Northern California Service Center
1340 Treat Boulevard - Suite 300
Walnut Creek, California 94596
Tel: 925 274 2322
Fax: 925 945 1760

Southern California Service Center
30 Corporate Park - Suite 302
Irvine, California 92606
Tel: 949 222 1845
Fax: 949 222 1849

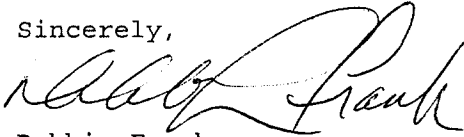
Comments:

Carbon Tetrachloride was detected in MW-993-064, -065
Chloroform was detected in MW-993-064, -065
Tetrachloroethylene was detected in MW-993-064
Trichloroethylene was detected in MW-993-064, -065
Chromium was detected in MW-993-064
Perchlorate was detected in MW-993-064, -065

TIC's:

None

Sincerely,

A handwritten signature in cursive script, appearing to read "Debbie Frank".

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)



57238

TEMP 4°C
REG 10E OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

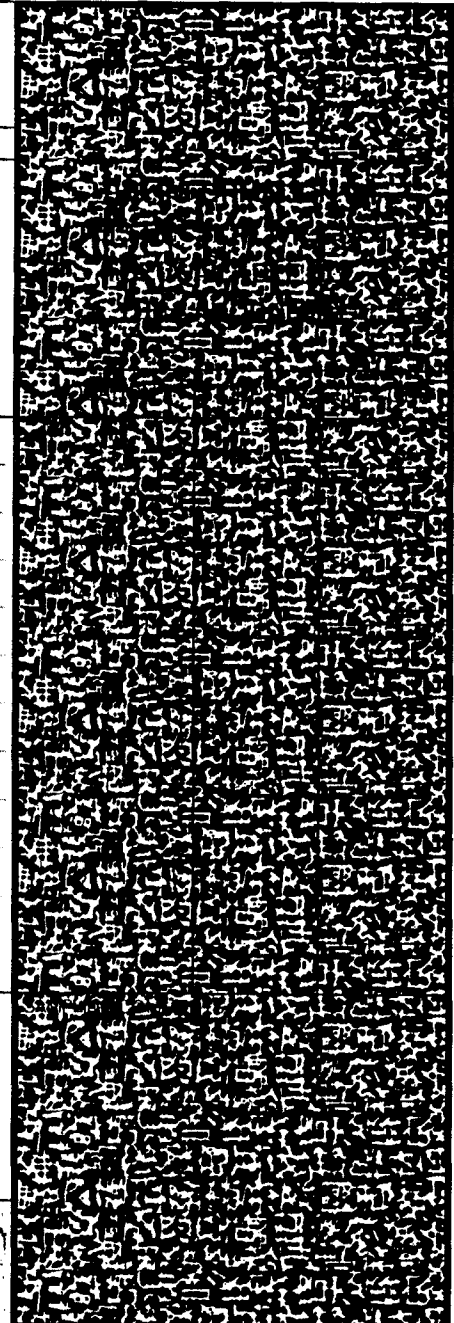
PROJECT JPL	OFFS NO. 1572.0284	HAZARD IDENTIFICATION Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/>	TIME REQUIRED NORMAL <input checked="" type="checkbox"/> _____ DAYS RUSH <input type="checkbox"/> _____ DAYS
PROJECT ADDRESS 4800 Oak Grove Dr. Pasadena, CA			

SAMPLER (Name) Matthew L. Hunt	SAMPLER (Signature) <i>Matthew L. Hunt</i>	ANALYSES REQUIRED	
LABORATORY Montgomery Watson Labs			
REPORTS TO BE SENT TO Mr. Mark Cutler			

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (EPA 524.2)	Cr Total	Cr 6t	CrO4	MS for VOCs	MSD for VOCs	MS/MSD for Cr 6t	QC for Cr 6t
					WATER	SOIL	OTHER (Describe)								
MW 993-094	0840	8-20-99	2	2 x 40 ml	X			X							
MW 993-093	0910		5	2 x 40 ml 3 x 125 ml	X			X	X	X					
MW 993-061	0855		2	2 x 125 ml	X			X	X	X					
MW 993-062	0910		2	2 x 125 ml	X			X	X	X					
MW 993-063	1020		5	2 x 10ml 1 x 150ml 2 x 125ml	X			X	X	X			X		
MW 993-063MS	1020		2	2 x 40ml	X						X				
MW 993-063MSD	1020		2	2 x 40ml	X							X			
MW 993-064	1140		5	2 x 110ml 3 x 125ml	X			X	X	X					
MW 993-065	1120		5	2 x 40ml 3 x 125ml	X			X	X	X					
MW 993-066	1220		5	2 x 40ml 3 x 125ml	X			X	X	X				X	

LABORATORY INSTRUCTIONS/COMMENTS
Level IV QA/QC

RELINQUISHED BY (Signature) <i>[Signature]</i>	DATE 8/20/99	RECEIVED BY (Signature) <i>[Signature]</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY [Company]	TIME 14:45	COMPANY MWIL	COMPANY	TIME	COMPANY




MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: 8-20-99 DATE RECEIVED: ENSERCH

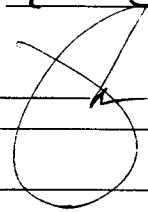
Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 8-20-99
By (print) MIKE CHHANG (sign) 

- 1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: _____
- 2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2 seals outside and opening
If yes, enter the following: seal date: 8-20-99 seal name: MCH
- 3. Were custody seals unbroken and intact at delivery? Yes No
- 4. Were custody papers sealed in bag and taped to lid? Yes No
- 5. Were custody papers filled out properly (ink, etc.)? Yes No
- 6. Did you sign custody papers in appropriate place? Yes No
- 7. Was project identifiable from custody papers? Yes No
- 8. Have designated person(s) initial and acknowledge receipt: me date: 8-20-99

B. LOGIN PHASE

Date samples were logged in: 8-20-99
By (print) MARTIN L. DE LUCA (sign) 

9. Describe packing: _____

- 10. If required, was enough ice used? Yes No
- 11. Were all bottles sealed in separate plastic bags? Yes No
- 12. Did all bottles arrive unbroken and in good condition? Yes No
- 13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
- 14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
- 15. Were correct containers used for the analytes? Yes No
- 16. Were correct preservatives used when required? Yes No
- 17. Was sufficient amount of sample sent for tests? Yes No
- 18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
- 19. Was Client Services informed of problems? Yes No



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Laboratory Report

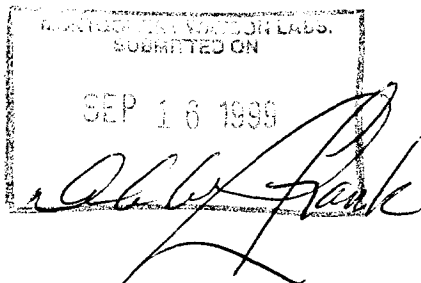
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler
Fax: (714) 444-5560



DEB* Debbie Frank

Report#: 57238
JPL

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Laboratory
 Report
 #57238

Foster Wheeler Environmental, Inc
 Mark Cutler
 611 Anton Boulevard
 Suite 800
 Costa Mesa , CA 92626

Samples Received
 20-aug-1999 15:50:47

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-094 (990820049)				Sampled on 08/20/99				
Regulated VOCs plus Lists 1&3								
08/21/99	101239		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/21/99	101239		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/21/99	101239		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
08/21/99	101239		(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #57238

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
08/21/99	08/21/99	101239	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

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Laboratory
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 #57238

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-093 (990820050)				Sampled on 08/20/99				
	08/26/99	101070	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/21/99	101239	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/21/99	101239	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/21/99	101239	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	{ ML/EPA 524.2 }	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Bromochloromethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Chloroethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Chlorodibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Dibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Bromodichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Dichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Ethyl benzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/E524.2/624 }	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Isopropylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	m,p-Xylenes	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Naphthalene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	n-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	n-Propylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	o-Xylene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	sec-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Styrene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	tert-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Toluene	ND	ug/l	0.50	1
	08/21/99	101239	{ ML/EPA 524.2 }	Vinyl chloride (VC)	ND	ug/l	0.30	1
			{ EPA 524.2 }	None detected	ND			1
			{ Surrogate }	1,2-Dichloroethane-d4	98	% Rec		
			{ Surrogate }	4-Bromofluorobenzene	101	% Rec		
			{ Surrogate }	Toluene-d8	100	% Rec		

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Laboratory
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 #57238

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-061 (990820051)				Sampled on 08/20/99				
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
MW-993-062 (990820052)				Sampled on 08/20/99				
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
MW-993-063 (990820053)				Sampled on 08/20/99				
	08/26/99	101070	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/21/99	101239	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/21/99	101239	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Laboratory
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 #57238

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

MW-993-064 (990820054) Sampled on 08/20/99

	08/27/99	101070	(MOD/EPA 300)	Perchlorate	68	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	10	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1

Regulated VOCs plus Lists 1&3

08/21/99	101239	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/21/99	101239	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/21/99	101239	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Carbon Tetrachloride	2.6	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.3	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichloroethylene (TCE)	7.4	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	101	% Rec		
			(Surrogate)	4-Bromofluorobenzene	103	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-993-065 (990820055) Sampled on 08/20/99

	08/27/99	101070	(MOD/EPA 300)	Perchlorate	69	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1

Regulated VOCs plus Lists 1&3

08/21/99	101239	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/21/99	101239	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/21/99	101239	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/21/99	101239	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Carbon Tetrachloride	1.9	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.3	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.5	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/21/99	101239	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/21/99	101239	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

MW-993-066 (990820056) Sampled on 08/20/99

	08/26/99	101070	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/20/99	100779	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1

Regulated VOCs plus Lists 1&3

08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

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#57238

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1



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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(EPA 524.2) None detected	ND			1
			(Surrogate) 1,2-Dichloroethane-d4	113	% Rec		
			(Surrogate) 4-Bromofluorobenzene	87	% Rec		
			(Surrogate) Toluene-d8	96	% Rec		



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Foster Wheeler Environmental, Inc

QC Batch #100779**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0820056		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.050	100.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.050	100.0	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.046	92.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.047	94.0	(80.00 - 120.00)	2.2

QC Batch #101070**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819170		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.4	97.0	(90.00 - 110.00)	6.0
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.8	99.0	(75.00 - 125.00)	4.9

QC Batch #101239**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.71	92.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.88	97.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.60	90.0	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.72	93.0	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.51	87.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.41	85.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.81	120.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.63	115.8	(70.00 - 130.00)	3.8

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LCS1	1,1-Dichloropropene	4	3.66	91.5	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	3.57	89.2	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	3.54	88.5	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.59	89.8	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	3.97	99.2	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.65	91.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.87	96.8	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	3.73	93.2	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.65	83.1	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	3.53	88.2	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	3.95	98.8	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	29.1	72.8	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	3.83	<u>95.8</u>	(0.00 - 0.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	3.78	94.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	38.1	95.2	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	0813119		(0.00 - 0.00)
LCS1	Benzene	4	3.77	94.2	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.85	121.2	(70.00 - 130.00)
MSD	Benzene	4	4.69	117.3	(70.00 - 130.00) 3.4

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LCS1	Bromobenzene	4	3.52	88.0	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.64	82.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.65	91.2	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.76	94.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	5.01	125.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.74	118.5	(70.00 - 130.00)	5.5
LCS1	Carbon Tetrachloride	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.27	81.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.62	90.5	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.45	86.2	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.48	87.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	3.64	91.0	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.88	97.0	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.92	98.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.76	94.0	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	2.04	102.0	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.86	93.0	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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LCS1	Hexachlorobutadiene	4	3.83	95.8	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.82	95.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.28	103.5	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	3.17	79.2	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.99	99.8	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.64	91.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.74	93.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.88	97.0	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	97.0	97.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	100	100.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 127.00)	3.6
LCS1	Toluene-d8	100	102	102.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	95.4	95.4		
MS	Toluene-d8	100	111	<u>111.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	9.4
LCS1	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	95	95.0	(82.00 - 119.00)	

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Method	Analyte	Count	Concentration	Yield (%)	Limit Range (%)	RPD (%)
MSD	4-Bromofluorobenzene	100	88	88.0	(82.00 - 119.00)	7.7
LCS1	trans-1,2-Dichloroethylene	4	3.30	82.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.63	90.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	5.62	<u>140.5</u>	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	5.24	<u>131.0</u>	(70.00 - 130.00)	7.0
LCS1	Trichlorotrifluoroethane (Freon)	2	2.14	107.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.84	96.0	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	5.25	<u>131.2</u>	(70.00 - 130.00)	
MSD	Toluene	4	4.79	119.8	(70.00 - 130.00)	9.2
LCS1	Vinyl chloride (VC)	2	2.41	120.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #101362**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819173		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	99	99.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	100	100.0	(77.00 - 119.00)	1.0

QC Batch #101767**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.11	102.8	(76.00 - 116.00)	

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MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.13	103.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.98	99.5	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.99	99.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.32	108.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	5.5
LCS1	1,1-Dichloropropene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.10	102.5	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.28	107.0	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.08	102.0	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.17	104.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	3.69	92.2	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.61	95.1	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	3.83	95.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.81	95.2	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	50.0	125.0	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory
 QC Report
 #57238

Foster Wheeler Environmental, Inc
 (continued)

LCS1	o-Chlorotoluene	4	3.70	<u>92.5</u>	(0.00 - 0.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	3.52	88.0	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	47.8	119.5	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0824010		(0.00 - 0.00)	
LCS1	Benzene	4	4.11	102.8	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.69	117.3	(70.00 - 130.00)	
MSD	Benzene	4	4.44	111.0	(70.00 - 130.00)	5.5
LCS1	Bromobenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.96	98.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.00	100.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.01	100.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.59	114.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.00	100.0	(70.00 - 130.00)	14
LCS1	Carbon Tetrachloride	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.46	86.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.92	98.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	4.02	100.5	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.86	93.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	4.14	103.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	3.93	98.2	(70.00 - 130.00)	

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.91	97.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.10	102.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.93	98.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	1.95	97.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.93	96.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.13	103.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.86	96.5	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	7.87	98.4	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.08	77.0	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	n-Butylbenzene	ND			
LCS1	n-Propylbenzene	4	3.67	91.8	(70.00 - 130.00)
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.90	97.5	(72.00 - 118.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.15	103.8	(76.00 - 114.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.21	105.2	(71.00 - 115.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	p-Isopropyltoluene	4	3.84	96.0	(70.00 - 130.00)
MBLK	p-Isopropyltoluene	ND			
LCS1	sec-Butylbenzene	4	3.91	97.8	(70.00 - 130.00)
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	4	4.16	104.0	(70.00 - 130.00)
MBLK	Styrene	ND			

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Laboratory
 QC Report
 #57238

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	9.3
LCS1	Toluene-d8	100	98.9	98.9	(91.00 - 107.00)	
MBLK	Toluene-d8	100	106	106.0		
MS	Toluene-d8	100	108	<u>108.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	105	105.0	(91.00 - 107.00)	2.8
LCS1	4-Bromofluorobenzene	100	93.8	93.8	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	94	94.0	(82.00 - 119.00)	6.2
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.77	94.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.37	109.2	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	8.6
LCS1	Trichlorotrifluoroethane (Freon	2	1.72	86.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.91	97.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.46	111.5	(70.00 - 130.00)	
MSD	Toluene	4	4.23	105.8	(70.00 - 130.00)	5.3
LCS1	Vinyl chloride (VC)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

September 20, 1999

Foster Wheeler Environmental
611 Anton Blvd, Suite 800
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 57292 (MW-993-096, MW-993-095, MW-993-005,
MW-993-006, MW-993-007, MW-993-008, MW-993-009, MW-993-
037)
Sampled: 8/23/99

Dear Mark,

Enclosed please find revised report for the recent JPL project. MW-993-037 results for Perchlorate are revised from ND to 930 ug/L. This revision is based on review of the analytical runs for this sample. A detailed quality control (QC) summary follows

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)

(524) QC batch 101239- 08/21/99, 101767-8/25/99: The LCS limits for o-chlorotoluene have not been input into our LIMS system yet. The limits are 70-130. This analyte is within method acceptance limits, though it is flagged as being outside of the LIMS limits. Results are acceptable for regulatory reporting.
101767-8/25/99: Toluene-d8, the surrogate for the Matrix spike, is outside MWL internal control limits of 91-107. It is within QAPP specified limits of 85-115% and method acceptance limits of 80-120%. MW-993-007 was used for the MS. Results are acceptable for regulatory reporting.

Samples requiring dilution (with increased MRL's):

MW-993-037 was diluted for Perchlorate, Carbon Tetrachloride and Chloroform.

Method blanks with compounds detected:

None

Comments:

1,1,1-Trichloroethane was detected in MW-993-037
1,1-Dichloroethylene was detected in MW-993-037
1,1-Dichloroethane was detected in MW-993-009, -037
Carbon Tetrachloride was detected in MW-993-037
Chloroform was detected in MW-993-009, -037
Tetrachloroethylene was detected in MW-993-009, -037
Trichloroethylene was detected in MW-993-009, -037
Trichlorotrifluoroethane was detected in MW-993-037
Hexavalent Chromium was detected in MW-993-037
Perchlorate was detected in MW-993-037

TIC's:

None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

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Southwest Service Center
4820 South Mill Avenue - Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Northern California Service Center
1340 Treat Boulevard - Suite 300
Walnut Creek, California 94596
Tel: 925 274 2322
Fax: 925 945 1760

Southern California Service Center
30 Corporate Park - Suite 302
Irvine, California 92606
Tel: 949 222 1845
Fax: 949 222 1849



57292

NUM 1 3494

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

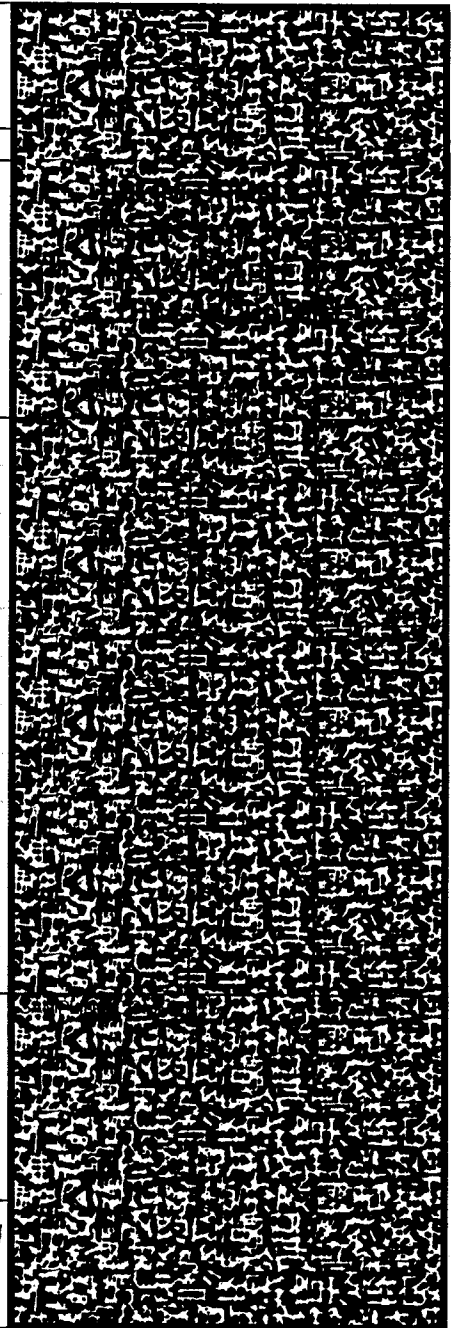
PROJECT: JPL	OFFS NO: 1572.0284	HAZARD IDENTIFICATION Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/>	TIME REQUIRED NORMAL <input checked="" type="checkbox"/> _____ DAYS RUSH <input type="checkbox"/> _____ DAYS
PROJECT ADDRESS: 4800 Oak Grove Dr. Pasadena, CA		ANALYSES REQUIRED	
SAMPLER (Name): Mathew L. Hunt	SAMPLER (Signature): <i>Mathew L. Hunt</i>	LABORATORY: Montgomery Watson Labs	
REPORTS TO BE SENT TO: Mr. Mark Cutler			

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			ANALYSES REQUIRED										
					WATER	SOIL	OTHER (Describe)	VOCs (EPA)	Cr Total	Cr 6t	ClO4	MS for VOCs	MSD for VOCs	MS/MSD for Cr Tot	QC for Cr 6t			
MW-993-096	1010	8-23-99	2	2x40ml	X			X										
MW-993-095	1035	}	5	2x40ml 3x125ml	X			X	X	X								
MW-993-005	0955		1	1x125ml	X			X		X								
MW-993-006	1045		3	3x125ml	X			X	X	X								
MW-993-007	1140		5	2x40ml 1x125ml 1x250ml	X			X	X	X		X						
MW-993-007119	1140		2	2x40ml	X			X			X							
MW-993-007MSB	1140		2	2x40ml	X			X			X							
MW-993-008	1205		5	2x40ml 3x125ml	X			X	X	X						X		
MW-993-009	1215		5	2x40ml 3x125ml	X			X	X	X								
MW-993-037	1415		5	2x40ml 3x125ml	X			X	X	X								

LABORATORY INSTRUCTIONS/COMMENTS

Level IV QA/QC

RELINQUISHED BY (Signature): <i>[Signature]</i>	DATE: 8/23/99	RECEIVED BY (Signature): <i>[Signature]</i>	RELINQUISHED BY (Signature):	DATE:	RECEIVED BY (Signature):
COMPANY: <i>[Company]</i>	TIME: 17:00	COMPANY: <i>[Company]</i>	COMPANY:	TIME:	COMPANY:



MONTGOMERY WATSON COOLER RECEIPT FORM

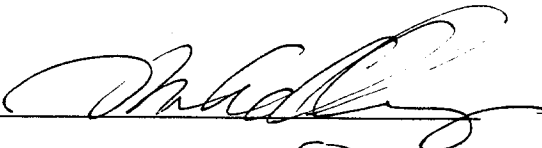
PROJECT: ENSEPCN

DATE RECEIVED: 8-23-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

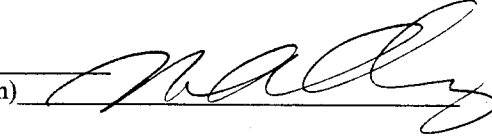
Date Cooler opened: 8-23-99

By (print) Mike Chuan (sign) 

- 1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: DEL BY CLIENT
- 2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2 outside of cooler
If yes, enter the following: seal date: 8-23-99 seal name: MLH
- 3. Were custody seals unbroken and intact at delivery? Yes No
- 4. Were custody papers sealed in bag and taped to lid? Yes No
- 5. Were custody papers filled out properly (ink, etc.)? Yes No
- 6. Did you sign custody papers in appropriate place? Yes No
- 7. Was project identifiable from custody papers? Yes No
- 8. Have designated person(s) initial and acknowledge receipt: MLH date: 8-23-99

B. LOGIN PHASE

Date samples were logged in: 8-24-99

By (print) Mike Chuan (sign) 

- 9. Describe packing: _____
- 10. If required, was enough ice used? Yes No
- 11. Were all bottles sealed in separate plastic bags? Yes No
- 12. Did all bottles arrive unbroken and in good condition? Yes No
- 13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
- 14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
- 15. Were correct containers used for the analytes? Yes No
- 16. Were correct preservatives used when required? Yes No
- 17. Was sufficient amount of sample sent for tests? Yes No
- 18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
- 19. Was Client Services informed of problems? Yes No



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Laboratory Report

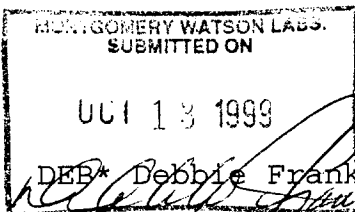
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler
Fax: (714) 444-5560



Report#: 57292
JPL



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**Laboratory
 Report
 #57292**

Foster Wheeler Environmental, Inc
 Mark Cutler
 611 Anton Boulevard
 Suite 800
 Costa Mesa , CA 92626

Samples Received
 23-aug-1999 09:32:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-096 (990824006)				Sampled on 08/23/99				
Regulated VOCs plus Lists 1&3								
08/25/99	101767		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/25/99	101767		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/25/99	101767		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #57292**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		



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**Laboratory
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 #57292**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-095 (990824007)				Sampled on 08/23/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-005 (990824008) Sampled on 08/23/99								
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
MW-993-006 (990824009) Sampled on 08/23/99								
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
MW-993-007 (990824010) Sampled on 08/23/99								
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1



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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1



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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	108	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		
MW-993-008 (990824011)				Sampled on 08/23/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1

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Laboratory
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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1



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**Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		
MW-993-009 (990824012)				Sampled on 08/23/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	1.0	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.1	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.5	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1



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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		
MW-993-037 (990824013)				Sampled on 08/23/99				
	08/30/99	101401	(MOD/EPA 300)	Perchlorate	930	ug/l	80	20
09/02/99	09/03/99	101362	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/24/99	100921	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.007	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	0.6	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	1.9	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	1.1	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1



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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/26/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	70	ug/l	2.5	5
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/26/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	26	ug/l	2.5	5
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.8	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	19	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.1	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1



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**Laboratory
Report
#57292**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(EPA 524.2) None detected	ND			1
			(Surrogate) 1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate) 4-Bromofluorobenzene	98	% Rec		
			(Surrogate) Toluene-d8	98	% Rec		

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**Report
Comments
#57292****Group Comments**

(Total Chromium) Sample MW-993-037 contains 0.0079ppb of total chromium supporting the Hexavalent chromium result.

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Laboratory
 QC Report
 #57292

Foster Wheeler Environmental, Inc

QC Batch #100921**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0824011		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.053	106.0	(78.00 - 118.00)	1.9
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.051	102.0	(80.00 - 120.00)	1.9

QC Batch #101244**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0824007		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18	90.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18	90.0	(90.00 - 110.00)	0.00
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	17.8	89.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.4	102.0	(75.00 - 125.00)	14

QC Batch #101362**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0819173		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	99	99.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	100	100.0	(77.00 - 119.00)	1.0

QC Batch #101401**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0826090		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.8	94.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	0.53

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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Laboratory
 QC Report
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Foster Wheeler Environmental, Inc
 (continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.9	99.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.3	101.5	(75.00 - 125.00)	2.0

QC Batch #101767**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.11	102.8	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.13	103.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.98	99.5	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.99	99.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.32	108.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	5.5
LCS1	1,1-Dichloropropene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.10	102.5	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.28	107.0	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.08	102.0	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.17	104.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	3.69	92.2	(70.00 - 130.00)	

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QC Report

#57292

Foster Wheeler Environmental, Inc
(continued)

MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.61	95.1	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	3.83	95.8	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.81	95.2	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	3.94	98.5	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	50.0	125.0	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	3.70	<u>92.5</u>	(0.00 - 0.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	3.52	88.0	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	47.8	119.5	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	0824010		(0.00 - 0.00)
LCS1	Benzene	4	4.11	102.8	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.69	117.3	(70.00 - 130.00)
MSD	Benzene	4	4.44	111.0	(70.00 - 130.00) 5.5
LCS1	Bromobenzene	4	3.82	95.5	(70.00 - 130.00)
MBLK	Bromobenzene	ND			
LCS1	Bromomethane (Methyl Bromide)	2	1.96	98.0	(70.00 - 130.00)
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.00	100.0	(75.00 - 124.00)
MBLK	cis-1,2-Dichloroethylene	ND			
LCS1	Chlorobenzene	4	4.01	100.2	(70.00 - 117.00)
MBLK	Chlorobenzene	ND			
MS	Chlorobenzene	4	4.59	114.8	(70.00 - 130.00)
MSD	Chlorobenzene	4	4.00	100.0	(70.00 - 130.00) 14
LCS1	Carbon Tetrachloride	4	3.85	96.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	3.46	86.5	(70.00 - 130.00)
MBLK	Bromoform	ND			

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Chloroform (Trichloromethane)	4	3.92	98.0	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.02	100.5	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.86	93.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	4.14	103.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	3.93	98.2	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.91	97.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.10	102.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.93	98.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	1.95	97.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.93	96.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.13	103.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.86	96.5	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	7.87	98.4	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.08	77.0	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	n-Butylbenzene	ND			
LCS1	n-Propylbenzene	4	3.67	91.8	(70.00 - 130.00)
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.90	97.5	(72.00 - 118.00)

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Foster Wheeler Environmental, Inc
 (continued)

MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.15	103.8	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.21	105.2	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.84	96.0	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.16	104.0	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	9.3
LCS1	Toluene-d8	100	98.9	98.9	(91.00 - 107.00)	
MBLK	Toluene-d8	100	106	106.0		
MS	Toluene-d8	100	108	<u>108.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	105	105.0	(91.00 - 107.00)	2.8
LCS1	4-Bromofluorobenzene	100	93.8	93.8	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	94	94.0	(82.00 - 119.00)	6.2
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.77	94.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.37	109.2	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	8.6
LCS1	Trichlorotrifluoroethane (Freon	2	1.72	86.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.91	97.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.46	111.5	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MSD	Toluene	4	4.23	105.8	(70.00 - 130.00)	5.3
LCS1	Vinyl chloride (VC)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

September 20, 1999

Foster Wheeler Environmental
611 Anton Blvd, Suite 800
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 57336 (MW-993-097, MW-993-200, MW-993-058,
MW-993-060, MW-993-044, MW-993-043, MW-993-056, MW-993-
055)

Sampled: 8/24/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)

(524) QC Batch 101767-8/25/99: The LCS limits for o-chlorotoluene have not been input into our LIMS system yet. The limits are 70-130. This analyte is within method acceptance limits, though it is flagged as being outside of the LIMS limits. Results are acceptable for regulatory reporting.
101767-8/25/99: Toluene-d8, the surrogate for the Matrix spike, is outside MWL internal control limits of 91-107. It is within QAPP specified limits of 85-115% and method acceptance limits of 80-120%. Results are acceptable for regulatory reporting.

Samples requiring dilution (with increased MRL's):

MW-993-043, -044, -058 was diluted for Perchlorate.
MW-993-058 was diluted for Carbon Tetrachloride.
MW-993-043 was diluted for Trichloroethylene

Method blanks with compounds detected:

None

Laboratory
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4820 South Mill Avenue - Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Northern California Service Center
1340 Treat Boulevard - Suite 300
Walnut Creek, California 94596
Tel: 925 274 2322
Fax: 925 945 1760

Southern California Service Center
30 Corporate Park - Suite 302
Irvine, California 92606
Tel: 949 222 1845
Fax: 949 222 1849

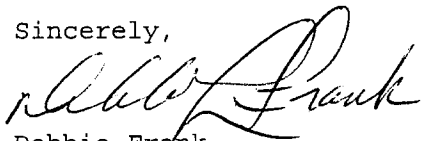
Comments:

1,1,1-Trichloroethane was detected in MW-993-
1,1-Dichloroethylene was detected in MW-993-058, -044, -043
1,2-Dichloroethane was detected in MW-993-044, -043
Carbon Tetrachloride was detected in MW-993-058, 043
Chloroform was detected in MW-993-200, -058, -044, -043
Tetrachloroethylene was detected in MW-993-058
Trichloroethylene was detected in MW-993-058, -044, -043, -056, -
055
Trichlorotrifluoroethane was detected in MW-993-058
Chromium was detected in MW-993-044, -043
Hexavalent Chromium was detected in MW-993-058, -044, -043
Perchlorate was detected in MW-993-058, -044, -043, -056, -055

TIC's:

None

Sincerely,



Debbie Frank
Project Manager

cc: Judy Novelly (JPL)



FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

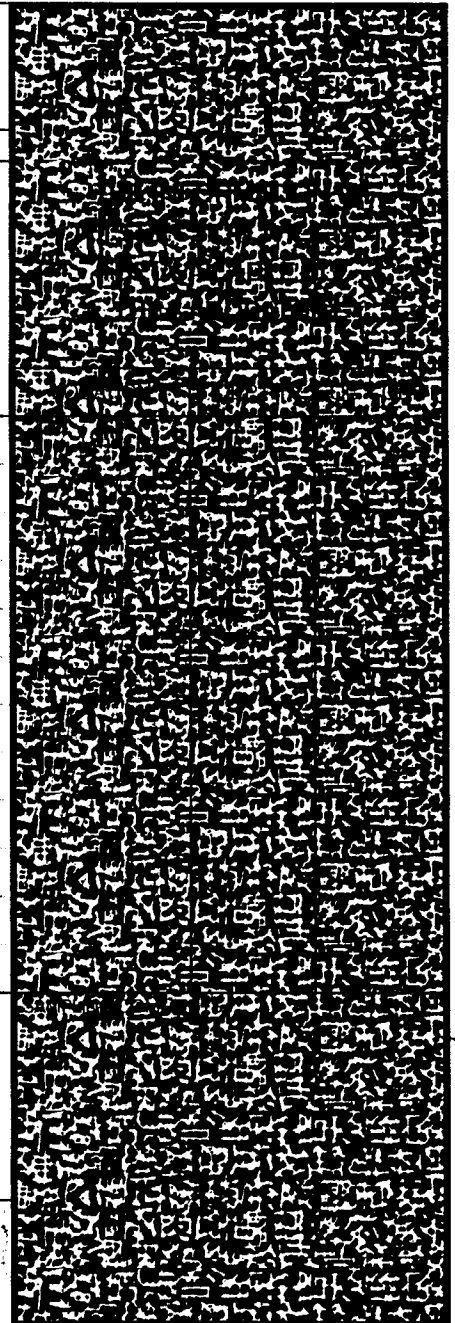
PROJECT JPL	OFS NO. 1572.0284	HAZARD IDENTIFICATION Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/>	TIME REQUIRED NORMAL <input checked="" type="checkbox"/> DAYS RUSH <input type="checkbox"/> DAYS
PROJECT ADDRESS 4800 Oak Grove Dr. Pasadena, CA			

SAMPLER (Name) Mathew L. Hunt	SAMPLER (Signature) <i>Mathew L. Hunt</i>	ANALYSES REQUIRED	
LABORATORY Montgomery Watson Labs			
REPORTS TO BE SENT TO Mr. Mark Cutler			

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (EPA 524.2)	Cr Total	Cr Ct	ClD4	MS for VOCs	MSD for VOCs	MS/MSD for Cr Tot	QC for Cr Ct
					WATER	SOIL	OTHER (Describe)								
MW-993-097	0845	8-24-99	2	2 x 40 ml	X			X							
MW-993-200	0925	}	5	2 x 40 ml 3 x 125 ml	X			X	X	X					
MW-993-058	0920		5	2 x 40 ml 3 x 125 ml	X			X	X	X					
MW-993-060	1215		5	3 x 40 ml 2 x 125 ml 1 x 250 ml	X			X	X	X			X		
MW-993-060 MS	1215		2	2 x 40 ml	X							X			
MW-993-060 MSO	1215		2	2 x 40 ml	X							X			
MW-993-044	1425		5	2 x 40 ml 3 x 125 ml	X			X	X	X					
MW-993-043	1430		5	2 x 40 ml 3 x 125 ml	X			X	X	X					
MW-993-056	1530		5	2 x 40 ml 3 x 125 ml	X			X	X	X				X	
MW-993-055	1535		5	2 x 40 ml 3 x 125 ml	X			X	X	X					

LABORATORY INSTRUCTIONS/COMMENTS
Level IV QA/QC

RELINQUISHED BY (Signature) <i>Mathew L. Hunt</i>	DATE 8/24/99	RECEIVED BY (Signature) <i>Mark Cutler</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1:00	COMPANY MWL	COMPANY	TIME	COMPANY



MONTGOMERY WATSON COOLER RECEIPT FORM

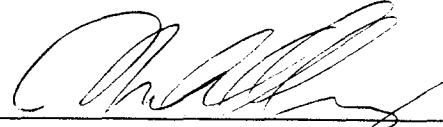
PROJECT: ENSERCH

DATE RECEIVED: 8-24-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

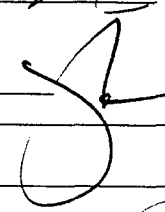
Date Cooler opened: 8-24-99

By (print) Jule Chiuang (sign) 

- 1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: _____
- 2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2 open lid of 1 of cool &
If yes, enter the following: seal date: 8-24-99 seal name: M. L. H.
- 3. Were custody seals unbroken and intact at delivery? Yes No
- 4. Were custody papers sealed in bag and taped to lid? Yes No
- 5. Were custody papers filled out properly (ink, etc.)? Yes No
- 6. Did you sign custody papers in appropriate place? Yes No
- 7. Was project identifiable from custody papers? Yes No
- 8. Have designated person(s) initial and acknowledge receipt: MC date: 8-24-99

B. LOGIN PHASE

Date samples were logged in: 8-24-99

By (print) M. DE UESA (sign) 

- 9. Describe packing: _____
- 10. If required, was enough ice used? Yes No
- 11. Were all bottles sealed in separate plastic bags? Yes No
- 12. Did all bottles arrive unbroken and in good condition? Yes No
- 13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
- 14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
- 15. Were correct containers used for the analytes? Yes No
- 16. Were correct preservatives used when required? Yes No
- 17. Was sufficient amount of sample sent for tests? Yes No
- 18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
- 19. Was Client Services informed of problems? Yes No



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Laboratory Report

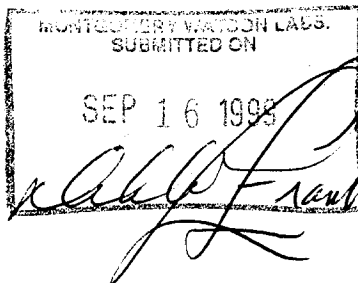
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler
Fax: (714)444-5560



DEB* Debbie Frank

Report#: 57336
JPL

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Laboratory
Report
#57336

Foster Wheeler Environmental, Inc
Mark Cutler
611 Anton Boulevard
Suite 800
Costa Mesa , CA 92626

Samples Received
24-aug-1999 09:07:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-097 (990825001) Sampled on 08/24/99								
Regulated VOCs plus Lists 1&3								
08/25/99	101767		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/25/99	101767		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/25/99	101767		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
08/25/99	101767		(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #57336

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	98	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		



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**Laboratory
 Report
 #57336**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-200 (990825002)				Sampled on 08/24/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #57336

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	106	µg Rec		
			(Surrogate)	4-Bromofluorobenzene	99	µg Rec		
			(Surrogate)	Toluene-d8	99	µg Rec		

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Laboratory
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 #57336

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-058 (990825003)		Sampled on 08/24/99						
	08/30/99	101401	(MOD/EPA 300)	Perchlorate	210	ug/l	20	5
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.005	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	0.8	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/26/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	40	ug/l	1.0	2
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #57336

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	7.8	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	16	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.9	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-060 (990825004)				Sampled on 08/24/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	113	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	109	% Rec		

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Laboratory
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 #57336

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-044 (990825005)				Sampled on 08/24/99				
	08/30/99	101401	(MOD/EPA 300)	Perchlorate	150	ug/l	20	5
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	37	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.031	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	0.9	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	0.7	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	11	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	12	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	29	ug/l	1.0	2
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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**Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-043 (990825006)		Sampled on 08/24/99						
	08/30/99	101401	(MOD/EPA 300)	Perchlorate	150	ug/l	20	5
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	33	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.031	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	1.0	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	0.7	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	11	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	12	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	28	ug/l	1.0	2
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-056 (990825007)				Sampled on 08/24/99				
	08/27/99	101244	(MOD/EPA 300)	Perchlorate	16	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	2.2	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-055 (990825008)		Sampled on 08/24/99						
	09/13/99	101774	(MOD/EPA 300)	Perchlorate	21	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/25/99	100954	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/25/99	101767	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/25/99	101767	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/25/99	101767	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichloroethylene (TCE)	2.1	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/25/99	101767	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		



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Report
Comments
#57336

Group Comments

(Total Chromium) Sample MW-993-038 contains 6.9ppb total chromium, supporting the Hexavalent chromium result.



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Laboratory
 QC Report
 #57336

Foster Wheeler Environmental, Inc

QC Batch #100954

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825007		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	102.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(78.00 - 118.00)	1.9
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.053	106.0	(80.00 - 120.00)	1.9

QC Batch #101244

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0824007		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18	90.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18	90.0	(90.00 - 110.00)	0.00
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	17.8	89.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.4	102.0	(75.00 - 125.00)	14

QC Batch #101364

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825004		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	106	106.0	(77.00 - 119.00)	1.9

QC Batch #101401

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0826090		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.8	94.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	0.53

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
 Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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 QC Report
 #57336

Foster Wheeler Environmental, Inc
 (continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.9	99.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.3	101.5	(75.00 - 125.00)	2.0

QC Batch #101767**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.11	102.8	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.13	103.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.98	99.5	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.99	99.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.32	108.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	5.5
LCS1	1,1-Dichloropropene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.10	102.5	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.28	107.0	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.08	102.0	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.17	104.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	3.69	92.2	(70.00 - 130.00)	

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Laboratory
 QC Report
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Foster Wheeler Environmental, Inc
 (continued)

MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.61	95.1	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	3.83	95.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.81	95.2	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	50.0	125.0	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	3.70	<u>92.5</u>	(0.00 - 0.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	3.52	88.0	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	47.8	119.5	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0824010		(0.00 - 0.00)	
LCS1	Benzene	4	4.11	102.8	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.69	117.3	(70.00 - 130.00)	
MSD	Benzene	4	4.44	111.0	(70.00 - 130.00)	5.5
LCS1	Bromobenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.96	98.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.00	100.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.01	100.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.59	114.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.00	100.0	(70.00 - 130.00)	14
LCS1	Carbon Tetrachloride	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.46	86.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

LCS1	Chloroform (Trichloromethane)	4	3.92	98.0	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.02	100.5	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	1.92	96.0	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.86	93.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	4.14	103.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	3.93	98.2	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.91	97.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.10	102.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.93	98.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	1.95	97.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.93	96.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.13	103.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	3.86	96.5	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	7.87	98.4	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.08	77.0	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	n-Butylbenzene	ND			
LCS1	n-Propylbenzene	4	3.67	91.8	(70.00 - 130.00)
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.90	97.5	(72.00 - 118.00)

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 QC Report
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Foster Wheeler Environmental, Inc
 (continued)

MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.15	103.8	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.21	105.2	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.84	96.0	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.16	104.0	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	9.3
LCS1	Toluene-d8	100	98.9	98.9	(91.00 - 107.00)	
MBLK	Toluene-d8	100	106	106.0		
MS	Toluene-d8	100	108	<u>108.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	105	105.0	(91.00 - 107.00)	2.8
LCS1	4-Bromofluorobenzene	100	93.8	93.8	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	94	94.0	(82.00 - 119.00)	6.2
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	3.82	95.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.77	94.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.37	109.2	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	8.6
LCS1	Trichlorotrifluoroethane (Freon)	2	1.72	86.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.91	97.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.46	111.5	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
 (continued)

MSD	Toluene	4	4.23	105.8	(70.00 - 130.00)	5.3
LCS1	Vinyl chloride (VC)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #101774**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825079		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	0.50
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.4	107.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.7	108.5	(75.00 - 125.00)	1.4

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

September 20, 1999

Foster Wheeler Environmental
611 Anton Blvd, Suite 800
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 57382 (MW-993-057, MW-993-098, MW-993-059)

Sampled: 8/25/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)

(524) QC Batch 101771-8/26/99: The LCS limits for o-chlorotoluene have not been input into our LIMS system yet. The limits are 70-130. This analyte is within method acceptance limits, though it is flagged as being outside of the LIMS limits. Results are acceptable for regulatory reporting.

101771-8/26/99: Toluene-d8, the surrogate for the Matrix spike, is outside MWL internal control limits of 91-107. It is within QAPP specified limits of 85-115% and method acceptance limits of 80-120%. Results are acceptable for regulatory reporting.

Samples requiring dilution (with increased MRL's):

MW-993-059 was diluted for Chromium.

Method blanks with compounds detected:

None

Comments:

Tetrachloroethylene was detected in MW-993-059

Chromium was detected in MW-993-057, -059

Perchlorate was detected in MW-993-059

TIC's:

None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

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Fax: 626 568 6324

Southwest Service Center
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Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Northern California Service Center
1340 Treat Boulevard - Suite 300
Walnut Creek, California 94596
Tel: 925 274 2322
Fax: 925 945 1760

Southern California Service Center
30 Corporate Park - Suite 302
Irvine, California 92606
Tel: 949 222 1845
Fax: 949 222 1849



57382

TEMP 32
REG ICE OK

NUM 2613

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

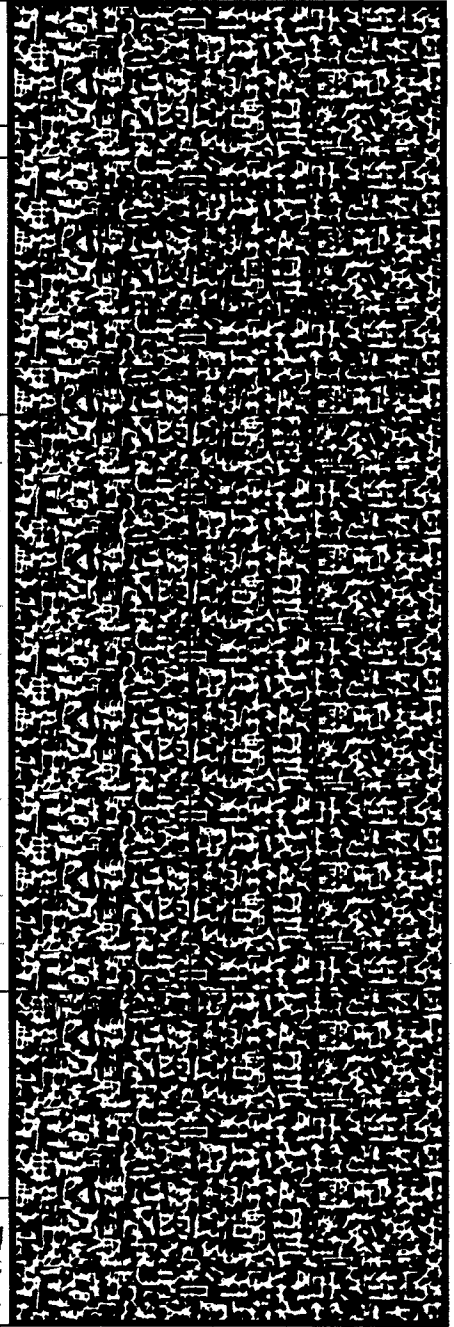
PROJECT JPL	OFS NO. 1572-0284	HAZARD IDENTIFICATION Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/> Flammable <input type="checkbox"/> Toxic <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/>	TIME REQUIRED NORMAL <input checked="" type="checkbox"/> DAYS RUSH <input type="checkbox"/> DAYS
PROJECT ADDRESS 400 Oak Grove Dr. Pasadena, CA			

SAMPLER (Name) Matthew Hunt, T.T.	SAMPLER (Signature) <i>Matthew J. Hunt</i>	ANALYSES REQUIRED	
LABORATORY Montgomery Watson Labs			
REPORTS TO BE SENT TO Mark Cutler			

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			ANALYSES REQUIRED								
					WATER	SOIL	OTHER (Describe)	VOCs (524.2)	ClO4	Cr ⁶⁺	Cr ⁶⁺	MS FOR VOCs	MSD FOR VOCs	QC FOR Cr ⁶⁺	MS MSD FOR Cr ⁶⁺	
MW-993-057	0910	8/25/99	5	2x40ml, 1x250ml 2x125ml	X			X	X	X	X				X	
MW-993-057MS			2	2x40ml	X							X				
MW-993-057MSD			2	2x40ml	X							X				
MW-993-098	1010		2	2x40ml	X			X								
MW-993-059	1030		5	2x40ml 3x125ml	X			X	X	X	X			X		

LABORATORY INSTRUCTIONS/COMMENTS
Low level soil

RELINQUISHED BY (Signature) <i>Jain Singh</i>	DATE 8/25/99	RECEIVED BY (Signature) <i>Matthew Hunt</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1420	COMPANY MWH	COMPANY	TIME	COMPANY



MONTGOMERY WATSON COOLER RECEIPT FORM

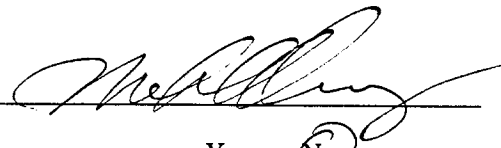
PROJECT: ENSERCH

DATE RECEIVED: 8-25-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 8-25-99

By (print) Mike Chhiong (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: _____
2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2 outside of cooler
If yes, enter the following: seal date: 8-25-99 seal name: MUH
3. Were custody seals unbroken and intact at delivery? Yes No
4. Were custody papers sealed in bag and taped to lid? Yes No
5. Were custody papers filled out properly (ink, etc.)? Yes No
6. Did you sign custody papers in appropriate place? Yes No
7. Was project identifiable from custody papers? Yes No
8. Have designated person(s) initial and acknowledge receipt: MUH date: 8-25-99

B. LOGIN PHASE

Date samples were logged in: 8-25-99

By (print) MARTIN L. DE MESA (sign) 

9. Describe packing: _____
10. If required, was enough ice used? Yes No
11. Were all bottles sealed in separate plastic bags? Yes No
12. Did all bottles arrive unbroken and in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
15. Were correct containers used for the analytes? Yes No
16. Were correct preservatives used when required? Yes No
17. Was sufficient amount of sample sent for tests? Yes No
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
19. Was Client Services informed of problems? Yes No



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Laboratory Report

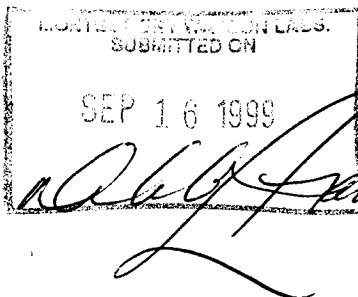
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler
Fax: (714) 444-5560



DEB* Debbie Frank

Report#: 57382
JPL

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Laboratory
 Report
 #57382

Foster Wheeler Environmental, Inc
 Mark Cutler
 611 Anton Boulevard
 Suite 800
 Costa Mesa , CA 92626

Samples Received
 25-aug-1999 17:13:19

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-057 (990825221)				Sampled on 08/25/99				
	09/13/99	101774	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	14	ug/l	10	1
	08/25/99	100957	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/26/99	101771	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/26/99	101771	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/26/99	101771	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Laboratory
 Report
 #57382

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/26/99	101771	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		



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**Laboratory
 Report
 #57382**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(Surrogate)	4-Bromofluorobenzene	94	µg Rec		
			(Surrogate)	Toluene-d8	91	µg Rec		

MW-993-098 (990825222) Sampled on 08/25/99

Regulated VOCs plus Lists 1&3

08/26/99	101771	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/26/99	101771	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/26/99	101771	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
08/26/99	101771	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Laboratory
 Report
 #57382

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
08/26/99	08/26/99	101771	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	110	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
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 #57382**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-993-059 (990825223)				Sampled on 08/25/99				
	09/13/99	101774	(MOD/EPA 300)	Perchlorate	4.0	ug/l	4.0	1
09/02/99	09/03/99	101364	(EPA/ML 200.8)	Chromium, Total, ICAF/MS	310	ug/l	100	10
	08/25/99	100957	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	08/26/99	101771	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/26/99	101771	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/26/99	101771	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #57382

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	08/26/99	101771	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/26/99	101771	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		

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Foster Wheeler Environmental, Inc

QC Batch #100957**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825223		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.051	102.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.052	104.0	(78.00 - 118.00)	1.9
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(80.00 - 120.00)	2.1

QC Batch #101364**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825004		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	106	106.0	(77.00 - 119.00)	1.9

QC Batch #101771**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	3.96	99.0	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.13	103.2	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.73	93.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.89	97.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.82	95.5	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.79	94.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.32	108.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	5.5

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LCS1	1,1-Dichloropropene	4	4.12	103.0	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	3.85	96.2	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	3.74	93.5	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.95	98.8	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.06	101.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.13	103.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.15	103.8	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	3.89	97.2	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.29	91.1	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	3.97	99.2	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.99	99.8	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.06	101.5	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	32.4	81.0	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	3.94	<u>98.5</u>	(0.00 - 0.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	3.69	92.2	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	40.9	102.2	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	0824010		(0.00 - 0.00)
LCS1	Benzene	4	4.17	104.2	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.69	117.3	(70.00 - 130.00)
MSD	Benzene	4	4.44	111.0	(70.00 - 130.00) 5.5

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LCS1	Bromobenzene	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.98	99.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.00	100.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.09	102.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.59	114.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.00	100.0	(70.00 - 130.00)	14
LCS1	Carbon Tetrachloride	4	3.98	99.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.12	78.0	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.84	96.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.88	94.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.90	95.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.71	92.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.09	102.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.04	101.0	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	2.05	102.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.88	94.0	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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LCS1	Hexachlorobutadiene	4	3.94	98.5	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.09	102.2	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.00	100.0	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.30	103.8	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	3.02	75.5	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	3.96	99.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.51	112.8	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.93	98.2	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.20	105.0	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.29	107.2	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	106	106.0		
MS	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 127.00)	9.3
LCS1	Toluene-d8	100	99.1	99.1	(91.00 - 107.00)	
MBLK	Toluene-d8	100	96	96.0		
MS	Toluene-d8	100	108	<u>108.0</u>	(91.00 - 107.00)	
MSD	Toluene-d8	100	105	105.0	(91.00 - 107.00)	2.8
LCS1	4-Bromofluorobenzene	100	105	105.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	102	102.0		
MS	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	

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MSD	4-Bromofluorobenzene	100	94	94.0	(82.00 - 119.00)	6.2
LCS1	trans-1,2-Dichloroethylene	4	3.95	98.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.02	100.5	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.37	109.2	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	8.6
LCS1	Trichlorotrifluoroethane (Freon	2	1.80	90.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.01	100.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.46	111.5	(70.00 - 130.00)	
MSD	Toluene	4	4.23	105.8	(70.00 - 130.00)	5.3
LCS1	Vinyl chloride (VC)	2	2.07	103.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #101774**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0825079		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	0.50
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.4	107.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.7	108.5	(75.00 - 125.00)	1.4

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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