



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
 #60641**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-011 (1912060445)				Sampled on 12/06/99				
	12/20/99	107407	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107140	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106416	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/08/99	106869	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/08/99	106869	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/08/99	106869	(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	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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Laboratory
Report
#60641

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-010 (1912060446)				Sampled on 12/06/99				
	12/20/99	107407	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107140	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106416	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/08/99	106869	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/08/99	106869	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Unknown (RT=4.79)	0.6	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

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Laboratory
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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-009 (1912060447)				Sampled on 12/06/99				
	12/20/99	107407	(MOD/EPA 300)	Perchlorate	44	ug/l	4.0	1
12/15/99	12/16/99	107140	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106416	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/08/99	106869	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethane	0.5	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Carbon Tetrachloride	2.1	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(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
	12/08/99	106869	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.0	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.6	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.9	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/08/99	106869	(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	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	103	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

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Laboratory
 Report
 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-008 (1912060448)				Sampled on 12/06/99				
	12/23/99	107575	(MOD/EPA 300)	Perchlorate	42	ug/l	4.0	1
12/15/99	12/16/99	107140	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106416	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/08/99	106869	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Carbon Tetrachloride	2.3	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/08/99	106869	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.1	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.7	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichloroethylene (TCE)	6.2	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/08/99	106869	(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	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Laboratory
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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-007 (1912060449)				Sampled on 12/06/99				
	12/21/99	107408	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107140	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106416	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/08/99	106869	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/08/99	106869	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/08/99	106869	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/08/99	106869	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/08/99	106869	(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	120	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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Laboratory
 QC Report
 #60641

Foster Wheeler Environmental, Inc

QC Batch #106416**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12060448		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.047	94.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.050	100.0	(80.00 - 120.00)	6.2

QC Batch #106869**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.18	104.5	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.06	101.5	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.89	97.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.11	102.8	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.43	110.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	1.7
LCS1	1,1-Dichloropropene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	3.97	99.2	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.16	104.0	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.30	107.5	(75.00 - 130.00)	

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Laboratory
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Foster Wheeler Environmental, Inc
(continued)

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	4.07	101.8	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.02	100.2	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.13	103.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.08	102.0	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.12	103.0	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	40.8	102.0	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	3.97	99.2	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.3	103.2	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912090023		(0.00 - 0.00)	
LCS1	Benzene	4	4.15	103.8	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.13	103.2	(70.00 - 130.00)	
MSD	Benzene	4	4.25	106.2	(70.00 - 130.00)	2.9
LCS1	Bromobenzene	4	3.93	98.2	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.14	107.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.43	110.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.17	104.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.23	105.8	(70.00 - 130.00)	3.6
LCS1	Carbon Tetrachloride	4	4.08	102.0	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.47	111.8	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.98	99.5	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.96	98.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.93	96.5	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	4.00	100.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.60	115.0	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	4.11	102.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.65	91.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.15	103.8	(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	2.15	107.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
LCS1	Hexachlorobutadiene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.08	102.0	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.42	105.2	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.18	104.5	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
 (continued)

MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.05	101.2	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.29	107.2	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.02	100.5	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.05	101.2	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.38	109.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	95	95.0		
MS	1,2-dichloroethane-d4	100	114	114.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 127.00)	0.87
LCS1	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	100	100.0		
MS	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	0.99
LCS1	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	106	106.0		
MS	4-Bromofluorobenzene	100	108	108.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	6.7
LCS1	trans-1,2-Dichloroethylene	4	4.45	111.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	3.95	98.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.18	104.5	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.28	107.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.48	112.0	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane(Freon)	2	1.99	99.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon)	ND				

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 #60641

Foster Wheeler Environmental, Inc
 (continued)

Sample ID	Analyte	Method	Concentration	Yield (%)	Limits (%)	RPD (%)
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.16	104.0	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Toluene	4	4.25	106.2	(70.00 - 130.00)	3.3
LCS1	Vinyl chloride (VC)	2	2.01	100.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107140**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020029		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	2.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	110	110.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	108	108.0	(77.00 - 119.00)	1.8

QC Batch #107407**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12060447		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.3	91.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.7	103.5	(90.00 - 110.00)	12
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.6	108.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.2	96.0	(75.00 - 125.00)	12

QC Batch #107408**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12060447		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.7	103.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.0	100.0	(90.00 - 110.00)	3.4

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QC Report
#60641

Foster Wheeler Environmental, Inc
(continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.6	108.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.4	97.0	(75.00 - 125.00)	11

QC Batch #107575

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12090022		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.1	105.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	3.9
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.9	94.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.1	95.5	(75.00 - 125.00)	1.1

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 5, 2000

Revised February 1, 2000

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

Attention: Mark Cutler

Report # 60687 (MW-994-079, MW-994-098, MW-994-099,
MW-994-078, MW-994-077, MW-994-076, MW-994-075)

Sampled: 12/07/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. Revisions are detailed under TIC's. A detailed quality control (QC) summary follows:

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

(524.2) QC batch 107020, analyzed 12/9/99: The LCS for 1,1,2,2-Tetrachlorethane recovered above the MWL internal acceptance limits. The result is within the method and QAPP limits. Results are reported without qualification.

Samples recruiting dilution (with increased MRL's):

MW-994-076 was diluted for Carbon Tetrachloride and Perchlorate

Method blanks with compounds detected:

None

Comments:

1,1-Dichloroethylene was detected in MW-994-076
Carbon Tetrachloride was detected in MW-994-076, -075
Chloroform was detected in MW-994-099, -076, -075
Tetrachloroethylene was detected in MW-994-076
Trichloroethylene was detected in MW-994-076, -075
Perchlorate was detected in MW-994-076, -075

TIC'S:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

None

Sincerely,

Debbie Frank
Project Manager

CC: Judy Novelly (JPL)

Laboratory
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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



60687

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT JPL	OFS NO. 1572-0294	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) James Joseph Kenna	SAMPLER (Signature) <i>James Joseph Kenna</i>	ANALYSES REQUIRED
---	--	-------------------

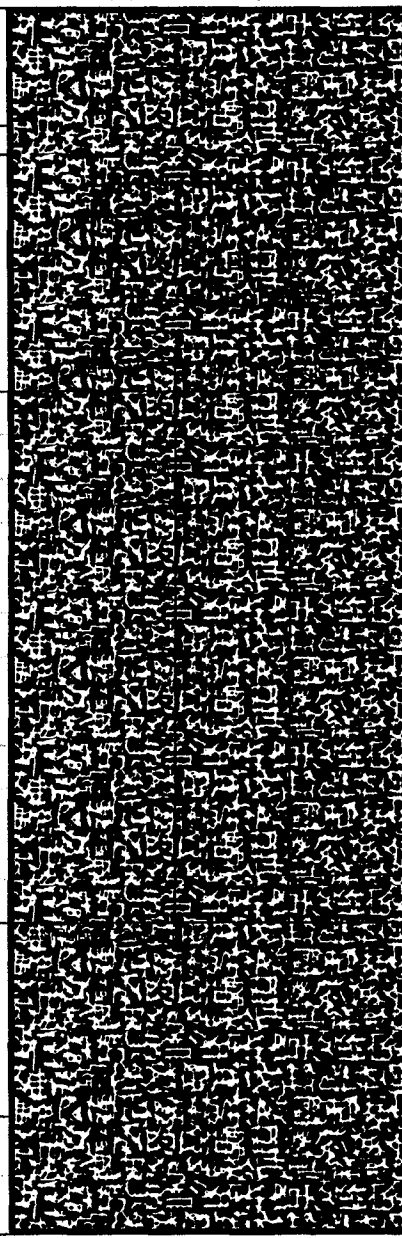
LABORATORY
Montgomery Watson Labs

REPORTS TO BE SENT TO
Mr. Alan Cooper

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			7.125/500	Cr ⁶⁺	Cr ³⁺	ClO ₂ ⁻	AL Fe ³⁺ Cr ⁶⁺
					WATER	SOIL	OTHER (Describe)					
MW 994-077	1000	12/7/99	5	2x 10ml 3x 125ml	X			X	X	X	Y	
MW 994-078	1020	}	2	2x 40ml	X			X				
MW 994-079	1030		5	2x 10ml 3x 125ml	X			X	Y	Y	Y	
MW 994-078	1150		5	2x 10ml 3x 125ml	X			X	X	Y	Y	
MW 994-077	1310		5	2x 10ml 3x 125ml	X			X	X	X	Y	
MW 994-076	1355		5	2x 10ml 3x 125ml	X			X	Y	Y	Y	
MW 994-075	1500		5	2x 40ml 3x 125ml	X			X	X	X	X	

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL IV QA/QC

RELINQUISHED BY (Signature) <i>James Joseph Kenna</i>	DATE 12/7/99	RECEIVED BY (Signature) <i>[Signature]</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1645	COMPANY M.W.	COMPANY	TIME	COMPANY




MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: FOSTER WHEELER DATE RECEIVED: 12-7-99

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: 12-7-99
By (print) M. DE MESA (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? 1 OUTSIDE LID Yes No
If yes, how many and where: 1 OUTSIDE LID
If yes, enter the following: seal date: 12-7-99 seal name: TTK
- 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: MLD date: 12-7-99

B. LOGIN PHASE

Date samples were logged in: 12-8-99
By (print) _____ (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)?
- 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

TEMP 4°C
REQ ICE 3 BAGS



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Laboratory Report

for

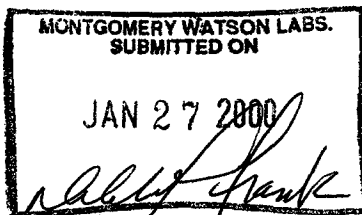
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
IICs



DEB* Debbie Frank

Report#: 60687
JPL

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Laboratory
 Report
 #60687

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

Samples Received
 07-dec-1999 13:13:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-079 (1912080030)				Sampled on 12/07/99				
	12/21/99	107408	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1



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**Laboratory
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 #60687**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	115	% Rec		

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

MW-994-098 (1912080031) Sampled on 12/07/99

Regulated VOCs plus Lists 1&3

12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	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
12/09/99	107020		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/09/99	107020		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/09/99	107020		(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	95	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		



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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-099 (1912080032)				Sampled on 12/07/99				
	12/21/99	107408	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(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
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.1	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	120	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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**Laboratory
 Report
 #60687**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-078 (1912080033)				Sampled on 12/07/99				
	12/21/99	107408	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(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
12/13/99	107166		(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107166		(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	91	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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**Laboratory
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 #60687**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-077 (1912080034)				Sampled on 12/07/99				
	12/21/99	107408	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107165	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60687

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/13/99	107165	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107165	(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	87	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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**Laboratory
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 #60687**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-076 (1912080035) Sampled on 12/07/99								
	12/23/99	107575	(MOD/EPA 300)	Perchlorate	.570	ug/l	80	20
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107165	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethylene	1.4	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Carbon Tetrachloride	25	ug/l	1.0	2
	12/13/99	107165	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(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
12/13/99	107165		(ML/EPA 524.2)	Chloroform (Trichloromethane)	7.4	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.9	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichloroethylene (TCE)	3.7	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107165		(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	92	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Laboratory
 Report
 #60687

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-075 (1912080036)				Sampled on 12/07/99				
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	91	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/07/99	106736	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107165	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Carbon Tetrachloride	6.3	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60687**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/13/99	107165		(ML/EPA 524.2)	Chloroform (Trichloromethane)	2.5	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichloroethylene (TCE)	5.3	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107165		(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	94	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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Report
Comments
#60687

(QC batch#: 107020)
Test: 112PCA
QC Type: LCS1
within method limits



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Laboratory
 QC Report
 #60687

Foster Wheeler Environmental, Inc

QC Batch #106736

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12080035		(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	0.049	98.0	(78.00 - 118.00)	2.0
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	0.049	98.0	(80.00 - 120.00)	0.00

QC Batch #107020

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.27	106.7	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.24	106.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.70	<u>117.5</u>	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.29	107.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.79	119.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	1.7
LCS1	1,1-Dichloropropene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.29	107.2	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.65	116.3	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.51	112.8	(75.00 - 130.00)	

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

MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.33	108.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.61	115.3	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.97	99.6	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.34	108.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.46	111.5	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.29	107.2	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	46.1	115.3	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	4.33	108.2	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	44.3	110.8	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912090023		(0.00 - 0.00)	
LCS1	Benzene	4	4.24	106.0	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.13	103.2	(70.00 - 130.00)	
MSD	Benzene	4	4.25	106.2	(70.00 - 130.00)	2.9
LCS1	Bromobenzene	4	4.26	106.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.29	114.5	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.63	115.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.18	104.5	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.23	105.8	(70.00 - 130.00)	3.6
LCS1	Carbon Tetrachloride	4	3.78	94.5	(70.00 - 130.00)	

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(continued)

MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	4.05	101.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	4.83	120.8	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.19	104.8	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	1.94	97.0	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.84	92.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	4.18	104.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	4.76	119.0	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.20	105.0	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	2.01	100.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.07	103.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.36	109.0	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	4.40	110.0	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.36	109.0	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.74	109.2	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	4.31	107.7	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.32	108.0	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	n-Butylbenzene	ND					
LCS1	n-Propylbenzene	4	4.43	110.8	(70.00 - 130.00)		
MBLK	n-Propylbenzene	ND					
LCS1	o-Xylene	4	4.42	110.5	(72.00 - 118.00)		
MBLK	o-Xylene	ND					
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.08	102.0	(76.00 - 114.00)		
MBLK	o-Dichlorobenzene (1,2-DCB)	ND					
LCS1	Tetrachloroethylene (PCE)	4	4.11	102.8	(71.00 - 115.00)		
MBLK	Tetrachloroethylene (PCE)	ND					
LCS1	p-Isopropyltoluene	4	4.51	112.8	(70.00 - 130.00)		
MBLK	p-Isopropyltoluene	ND					
LCS1	sec-Butylbenzene	4	4.50	112.5	(70.00 - 130.00)		
MBLK	sec-Butylbenzene	ND					
LCS1	Styrene	4	4.60	115.0	(70.00 - 130.00)		
MBLK	Styrene	ND					
LCS1	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 127.00)		
MBLK	1,2-dichloroethane-d4	100	108	108.0			
MS	1,2-dichloroethane-d4	100	114	114.0	(80.00 - 127.00)		
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 127.00)	0.87	
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)		
MBLK	Toluene-d8	100	102	102.0			
MS	Toluene-d8	100	101	101.0	(91.00 - 107.00)		
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	0.99	
LCS1	4-Bromofluorobenzene	100	106	106.0	(82.00 - 119.00)		
MBLK	4-Bromofluorobenzene	100	96	96.0			
MS	4-Bromofluorobenzene	100	108	108.0	(82.00 - 119.00)		
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	6.7	
LCS1	trans-1,2-Dichloroethylene	4	4.44	111.0	(70.00 - 130.00)		
MBLK	trans-1,2-Dichloroethylene	ND					
LCS1	tert-Butylbenzene	4	4.44	111.0	(70.00 - 130.00)		
MBLK	tert-Butylbenzene	ND					
LCS1	Trichloroethylene (TCE)	4	4.16	104.0	(72.00 - 117.00)		
MBLK	Trichloroethylene (TCE)	ND					
MS	Trichloroethylene (TCE)	4	4.28	107.0	(70.00 - 130.00)		
MSD	Trichloroethylene (TCE)	4	4.48	112.0	(70.00 - 130.00)	4.6	
LCS1	Trichlorotrifluoroethane (Freon)	2	1.98	99.0	(70.00 - 130.00)		
MBLK	Trichlorotrifluoroethane (Freon)	ND					

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Foster Wheeler Environmental, Inc
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MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.27	106.7	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Toluene	4	4.25	106.2	(70.00 - 130.00)	3.3
LCS1	Vinyl chloride (VC)	2	1.94	97.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107161

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020023		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	94	94.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	1.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	102	102.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	1.9

QC Batch #107165

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	3.92	98.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.27	106.7	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.25	106.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.97	99.2	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	1.7

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Foster Wheeler Environmental, Inc
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LCS1	1,1-Dichloropropene	4	4.09	102.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	4.11	102.8	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	4.21	105.2	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.04	101.0	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.10	102.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.01	100.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.28	107.0	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.05	100.6	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.06	101.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.18	104.5	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.13	103.2	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	42.6	106.5	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	4.09	102.2	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	4.10	102.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.6	104.0	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912090023		(0.00 - 0.00)
LCS1	Benzene	4	4.19	104.8	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.13	103.2	(70.00 - 130.00)
MSD	Benzene	4	4.25	106.2	(70.00 - 130.00) 2.9

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Foster Wheeler Environmental, Inc
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LCS1	Bromobenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.19	104.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.23	105.8	(70.00 - 130.00)	3.6
LCS1	Carbon Tetrachloride	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.00	100.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.78	89.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.88	94.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.87	96.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.36	109.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.10	102.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	1.69	84.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.85	92.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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Foster Wheeler Environmental, Inc
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LCS1	Hexachlorobutadiene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.10	102.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.22	102.8	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.10	102.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.04	101.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.06	101.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	99	99.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	104	104.0		
MS	1,2-dichloroethane-d4	100	114	114.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 127.00)	0.87
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	0.99
LCS1	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	108	108.0	(82.00 - 119.00)	

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Foster Wheeler Environmental, Inc
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MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	6.7
LCS1	trans-1,2-Dichloroethylene	4	4.24	106.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.03	100.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.28	107.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.48	112.0	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane (Freon)	0.2	0.20	100.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.09	102.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Toluene	4	4.25	106.2	(70.00 - 130.00)	3.3
LCS1	Vinyl chloride (VC)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107166**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	3.92	98.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.27	106.7	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.25	106.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.97	99.2	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.08	102.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.18	104.5	(70.00 - 130.00)	2.4

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Foster Wheeler Environmental, Inc
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LCS1	1,1-Dichloropropene	4	4.09	102.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	4.11	102.8	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	4.21	105.2	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.04	101.0	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.10	102.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.01	100.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.28	107.0	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.05	100.6	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.06	101.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.18	104.5	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.13	103.2	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	42.6	106.5	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	4.09	102.2	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	4.10	102.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.6	104.0	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912130085		(0.00 - 0.00)
LCS1	Benzene	4	4.19	104.8	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.47	111.8	(70.00 - 130.00)
MSD	Benzene	4	4.50	112.5	(70.00 - 130.00) 0.67

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LCS1	Bromobenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.19	104.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.54	113.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)	1.3
LCS1	Carbon Tetrachloride	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.00	100.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.78	89.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.88	94.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.87	96.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.36	109.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.10	102.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	1.69	84.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.85	92.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	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
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Foster Wheeler Environmental, Inc
 (continued)

LCS1	Hexachlorobutadiene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.10	102.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.22	102.8	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.10	102.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.04	101.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.06	101.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	99	99.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	104	104.0		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	109	109.0	(80.00 - 127.00)	1.8
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	1.00
LCS1	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	

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Foster Wheeler Environmental, Inc
 (continued)

MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	5.1
LCS1	trans-1,2-Dichloroethylene	4	4.24	106.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.03	100.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.61	115.3	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.65	116.3	(70.00 - 130.00)	0.86
LCS1	Trichlorotrifluoroethane (Freon	0.2	0.20	100.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.09	102.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.42	110.5	(70.00 - 130.00)	
MSD	Toluene	4	4.50	112.5	(70.00 - 130.00)	1.8
LCS1	Vinyl chloride (VC)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107408**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12060447		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.7	103.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.0	100.0	(90.00 - 110.00)	3.4
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.6	108.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.4	97.0	(75.00 - 125.00)	11

QC Batch #107409**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12080036		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.7	108.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.7	98.5	(90.00 - 110.00)	9.7

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Foster Wheeler Environmental, Inc
 (continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	15.9	79.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	17.8	89.0	(75.00 - 125.00)	11

QC Batch #107575

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12090022		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.1	105.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	3.9
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.9	94.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.1	95.5	(75.00 - 125.00)	1.1

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 5, 2000
Revised February 1, 2000

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

Attention: Mark Cutler

Re: Report # 60761 (MW-994-101, MW-994-074, MW-994-102,
MW-994-073, MW-994-072, MW-994-071, MW-994-070)

Sampled: 12/08/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. Revisions are detailed under TIC's. A detailed quality control (QC) summary follows:

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

(524.2) QC batch 107020, analyzed 12/9/99: The LCS for 1,1,2,2-Tetrachlorethane recovered above the MWL internal acceptance limits. The result is within the method and QAPP limits. Results are reported without qualification.

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Comments:

1,1-Dichloroethane was detected in MW-994-070
1,2,3-Trichlorobenzene was detected in MW-994-070
Chloroform was detected in MW-994-102, -070
Tetrachloroethylene was detected in MW-994-070
Trichloroethylene was detected in MW-994-070
Perchlorate was detected in MW-994-071, -070

TIC's:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelty (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



60761 SOC

FOSTER WHEELER ENVIRONMENTAL CORPORATION
CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL	OFS NO. 1572.0294	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) Tania Torres-Komseck	SAMPLER (Signature) <i>Tania Torres-Komseck</i>	ANALYSES REQUIRED VOCs (5242) Cr6PT Cr6T Cr6y- MS FOR VOCs MSD FOR VOCs MSMD FOR Cr6PT QC FOR Cr6T
LABORATORY MONTGOMERY & WATSON LABS		

REPORTS TO BE SENT TO
Mr. Mark Currier

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (5242)	Cr6PT	Cr6T	Cr6y-	MS FOR VOCs	MSD FOR VOCs	MSMD FOR Cr6PT	QC FOR Cr6T
					WATER	SOIL	OTHER (Describe)								
MW-991-101	0850	12/8/77	2	2x40ml	X		1912090018	X							
MW-991-074	1125	}	5	2x10ml 3x125ml	X		1912090019	X	X	X	X				
MW-991-102	1145		2x10ml 3x125ml	X		020	X	X	X	X					
MW-991-073	1225		2x40ml 3x125ml	X		021	X	X	X	X					
MW-991-072	1310		2x40ml 3x125ml	X		022	X	X	X	X			X		
MW-991-071	1400		2x40ml 3x125ml, 1,7x250	X		023	X	X	X	X	X		X		
MW-991-071MS	1400		2x10ml	X								X	X		
MW-991-071MSD	1400		2x40ml	X								X	X		
MW-991-070	1510			5	2x10ml 3x125ml	X		024	X	X	X				

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL IV QA/QC

RELINQUISHED BY (Signature) <i>Tania Torres-Komseck</i>	DATE 12/8/77	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1625	COMPANY	COMPANY	TIME	COMPANY

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: JPL EUSERCIT DATE RECEIVED: 12-8-99

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: 12-9-99 *and time see below*
By (print) JPL (sign) [Signature] *Rec'd 12/8 by Effman*

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: Hand delivered

2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2
If yes, enter the following: seal date: 12-8-99 seal name: TK

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: [Signature] date: Jan 6 '00

B. LOGIN PHASE

Date samples were logged in: 12/9/99
By (print) Debbie L. Frank (sign) [Signature]

9. Describe packing: Samples ~~not~~ bagged in bubblewrap & baggie in Real Ice

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

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
MW-994-101 small bubbles discussed w/ TK & shipping note

19. Was Client Services informed of problems? Yes No



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Laboratory Report

for

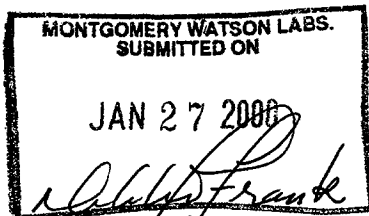
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
TICS



DEB* Debbie Frank

Report#: 60761
JPL



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**Laboratory
Report
#60761**

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

Samples Received
08-dec-1999 16:25:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-101 (1912090018)				Sampled on 12/08/99				
				Regulated VOCs plus Lists 1&3				
12/13/99	107165		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
12/13/99	107165		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/13/99	107165		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/13/99	107165	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107165	(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	100	% Rec		



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-074 (1912090019)				Sampled on 12/08/99				
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	120	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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Laboratory
 Report
 #60761

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-102 (1912090020)				Sampled on 12/08/99				
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60761

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.3	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-073 (1912090021)				Sampled on 12/08/99				
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	90	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-072 (1912090022)				Sampled on 12/08/99				
	12/23/99	107575	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/09/99	107020	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/09/99	107020	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/09/99	107020	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/09/99	107020	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/09/99	107020	(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	97	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-071 (1912090023) Sampled on 12/08/99								
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	7.5	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107165	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60761

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/13/99	107165	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107165	(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	99	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-070 (1912090024)				Sampled on 12/08/99				
	12/21/99	107409	(MOD/EPA 300)	Perchlorate	4.1	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/09/99	106615	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107165	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethane	1.0	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	1.1	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107165	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107165	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60761**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/13/99	107165		(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.3	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichloroethylene (TCE)	1.2	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107165		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107165		(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	96	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		



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Laboratory
 QC Report
 #60761

Foster Wheeler Environmental, Inc

QC Batch #106615

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12090022		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(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	0.053	106.0	(80.00 - 120.00)	1.9

QC Batch #107020

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.27	106.7	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.24	106.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.70	<u>117.5</u>	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.29	107.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.79	119.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	1.7
LCS1	1,1-Dichloropropene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.29	107.2	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.65	116.3	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.51	112.8	(75.00 - 130.00)	

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Report
Comments
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(QC batch#: 107020)

Test: 112PCA

QC Type: LCS1

within method limits



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Foster Wheeler Environmental, Inc
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MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.33	108.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.61	115.3	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.97	99.6	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.34	108.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.46	111.5	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.29	107.2	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	46.1	115.3	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	4.33	108.2	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	44.3	110.8	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912090023		(0.00 - 0.00)	
LCS1	Benzene	4	4.24	106.0	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.13	103.2	(70.00 - 130.00)	
MSD	Benzene	4	4.25	106.2	(70.00 - 130.00)	2.9
LCS1	Bromobenzene	4	4.26	106.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.29	114.5	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.63	115.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.18	104.5	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.23	105.8	(70.00 - 130.00)	3.6
LCS1	Carbon Tetrachloride	4	3.78	94.5	(70.00 - 130.00)	

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MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	4.05	101.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	4.83	120.8	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.19	104.8	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	1.94	97.0	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.84	92.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	4.18	104.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	4.76	119.0	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.20	105.0	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.26	106.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	2.01	100.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.07	103.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.36	109.0	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	4.40	110.0	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.36	109.0	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.74	109.2	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	4.31	107.7	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.32	108.0	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
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MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.43	110.8	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.42	110.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.08	102.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.11	102.8	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.50	112.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.60	115.0	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	108	108.0		
MS	1,2-dichloroethane-d4	100	114	114.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 127.00)	0.87
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	102	102.0		
MS	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	0.99
LCS1	4-Bromofluorobenzene	100	106	106.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	96	96.0		
MS	4-Bromofluorobenzene	100	108	108.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	6.7
LCS1	trans-1,2-Dichloroethylene	4	4.44	111.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.44	111.0	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.16	104.0	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.28	107.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.48	112.0	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane (Freon	2	1.98	99.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				

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Foster Wheeler Environmental, Inc
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MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.27	106.7	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Toluene	4	4.25	106.2	(70.00 - 130.00)	3.3
LCS1	Vinyl chloride (VC)	2	1.94	97.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107161

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020023		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	94	94.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	1.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	102	102.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	1.9

QC Batch #107165

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	3.92	98.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.27	106.7	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.25	106.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.97	99.2	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.09	102.2	(70.00 - 130.00)	1.7

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Foster Wheeler Environmental, Inc
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LCS1	1,1-Dichloropropene	4	4.09	102.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	4.11	102.8	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	4.21	105.2	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.04	101.0	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.10	102.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.01	100.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.28	107.0	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.05	100.6	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.06	101.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.18	104.5	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.13	103.2	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	42.6	106.5	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	4.09	102.2	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	4.10	102.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.6	104.0	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912090023		(0.00 - 0.00)
LCS1	Benzene	4	4.19	104.8	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.13	103.2	(70.00 - 130.00)
MSD	Benzene	4	4.25	106.2	(70.00 - 130.00) 2.9

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

LCS1	Bromobenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.19	104.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.23	105.8	(70.00 - 130.00)	3.6
LCS1	Carbon Tetrachloride	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.00	100.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.78	89.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.88	94.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.87	96.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.36	109.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.10	102.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	1.69	84.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.85	92.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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Foster Wheeler Environmental, Inc
 (continued)

LCS1	Hexachlorobutadiene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.10	102.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.22	102.8	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.10	102.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.04	101.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.06	101.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	99	99.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	104	104.0		
MS	1,2-dichloroethane-d4	100	114	114.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 127.00)	0.87
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	0.99
LCS1	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	108	108.0	(82.00 - 119.00)	

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Foster Wheeler Environmental, Inc
 (continued)

MSD	Analyte	100	101	101.0	(82.00 - 119.00)	6.7
LCS1	trans-1,2-Dichloroethylene	4	4.24	106.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.03	100.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.28	107.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.48	112.0	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane(Freon)	0.2	0.20	100.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.09	102.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Toluene	4	4.25	106.2	(70.00 - 130.00)	3.3
LCS1	Vinyl chloride (VC)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107409

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12080036		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.7	108.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.7	98.5	(90.00 - 110.00)	9.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	15.9	79.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	17.8	89.0	(75.00 - 125.00)	11

QC Batch #107575

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12090022		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.1	105.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	3.9

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.9	94.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.1	95.5	(75.00 - 125.00)	1.1

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 17, 2000
Revised February 1, 2000

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

Attention: Mark Cutler

Re: Report # 60842 (MW-994-103, MW-994-104, MW-994-036,
MW-994-035, MW-994-034, Mw-994-037)

Sampled 12/09/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. Revisions are detailed under TIC's. A detailed quality control (QC) summary follows:

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

None

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Comments:

Chloroform was detected in MW-994-104, -035
Tetrachloroethylene was detected in MW-994-034
Trichloroethylene was detected in MW-994-035, -034
Perchlorate was detected in MW-994-036, -035, -034

TIC's:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

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



FOSTER WHEELER ENVIRONMENTAL CORPORATION CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT JPL	OFS NO. 1572.0294	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			

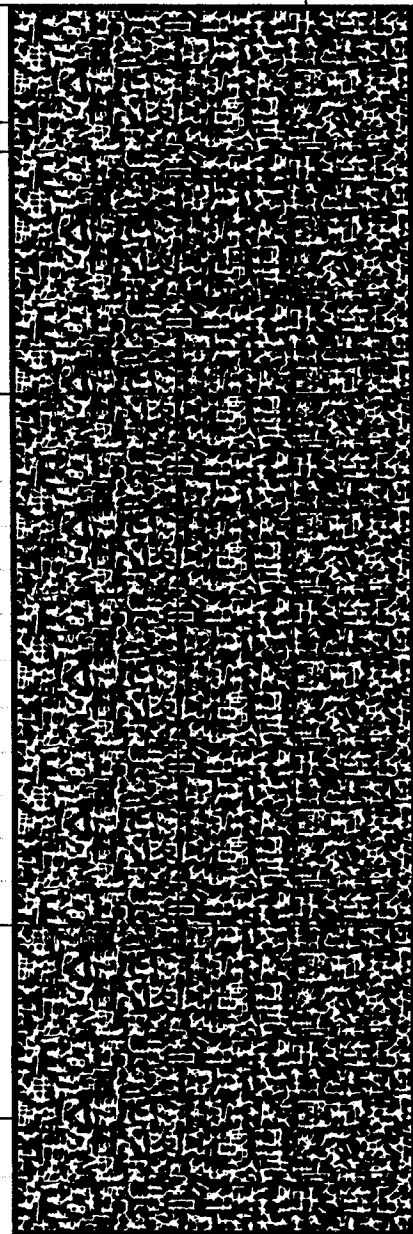
SAMPLER (Name) Tara Turpin-Kessler	SAMPLER (Signature) <i>Tara Turpin-Kessler</i>	ANALYSES REQUIRED
LABORATORY MONTGOMERY WATSON LAB		

REPORTS TO BE SENT TO
MR MARK CUTLER

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (S29.2)	CuTOT	Cu6+	ClOy-	AC For CuT							
					WATER	SOIL	OTHER (Describe)												
MW-994-103	0930	12/9/99	2	2x40ml	X			X											
MW-994-037	0940	}	5	2x40ml 3x125ml	X			X	X	X	X								
MW-994-101	1030		5	2x40ml 3x125ml	X			X	X	X	X								
MW-994-036	1045		5	2x40ml 3x125ml	X			X	X	X	X								
MW-994-035	1200		5	2x40ml 3x125ml	X			X	X	X	X								
MW-994-034	1320		5	2x40ml 3x125ml	X			X	X	X	X	X							

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL AL QA/QC

RELINQUISHED BY (Signature) <i>[Signature]</i>	DATE	RECEIVED BY (Signature)	DATE	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	DATE
COMPANY	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME



MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: JPL (ENSERCT) DATE RECEIVED: 12-9-99

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

A. PRELIMINARY EXAMINATION

Date Cooler opened: 12-9-99
By (print) EFRAIN Figueroa (sign) [Signature]

- 1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: Hand deliv
- 2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 2
If yes, enter the following: seal date: 12-9-99 seal name: TTK
- 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: [Signature] date: Jan 4 00

B. LOGIN PHASE

Date samples were logged in: 12/10/99
By (print) Debra L. Frank (sign) [Signature]

- 9. Describe packing: Cooler / COC Seal 3 bags Ice Pack samples dbl bagged bubble free zipper
- 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
- 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. MW-994-103 small bubbles in vials spoke w/ Tania & Shipping MWZ Yes No
- 19. Was Client Services informed of problems? FUZZY Yes No



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Laboratory Report

for

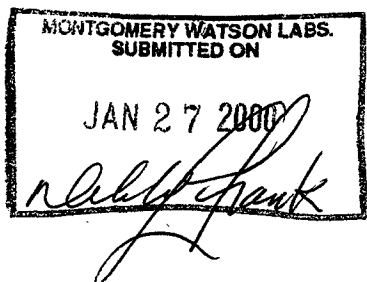
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
TICS



DEB* Debbie Frank

Report#: 60842
JPL



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**Laboratory
 Report
 #60842**

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

Samples Received
 09-dec-1999 00:00:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-103 (1912100001)				Sampled on 12/09/99				
Regulated VOCs plus Lists 1&3								
12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
12/13/99	107166	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	



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**Laboratory
 Report
 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/13/99	107166		(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107166		(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	93	% Rec		
			(Surrogate)	Toluene-d8	85	% Rec		



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**Laboratory
 Report
 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-104 (1912100002)				Sampled on 12/09/99				
	12/22/99	107572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
01/05/00	01/07/00	108366	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106737	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
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 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/13/99	107166		(ML/EPA 524.2)	Chloroform (Trichloromethane)	2.9	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107166		(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	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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**Laboratory
 Report
 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-036 (1912100003)				Sampled on 12/09/99				
	12/22/99	107572	(MOD/EPA 300)	Perchlorate	4.1	ug/l	4.0	1
01/05/00	01/07/00	108366	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106737	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(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
	12/13/99	107166	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107166	(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	115	% Rec		
			(Surrogate)	4-Bromofluorobenzene	91	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Laboratory
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 #60842

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-035 (1912100004)				Sampled on 12/09/99				
	12/22/99	107572	(MOD/EPA 300)	Perchlorate	6.8	ug/l	4.0	1
01/05/00	01/07/00	108366	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106737	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/13/99	107166		(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichloroethylene (TCE)	0.5	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/13/99	107166		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/13/99	107166		(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	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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**Laboratory
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 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-034 (1912100005)				Sampled on 12/09/99				
	12/23/99	107573	(MOD/EPA 300)	Perchlorate	5.2	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106737	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(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
	12/13/99	107166	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.8	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichloroethylene (TCE)	1.0	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107166	(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	93	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		



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**Laboratory
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 #60842**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-037 (1912100006) Sampled on 12/09/99								
	12/23/99	107573	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106737	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/13/99	107166	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/13/99	107166	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(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
	12/13/99	107166	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/13/99	107166	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/13/99	107166	(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	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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Laboratory
 QC Report
 #60842

Foster Wheeler Environmental, Inc

QC Batch #106737

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	1210005		(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	0.049	98.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.051	102.0	(80.00 - 120.00)	4.0

QC Batch #107161

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020023		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	94	94.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	1.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	102	102.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	1.9

QC Batch #107166

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	3.92	98.0	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.27	106.7	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.25	106.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.97	99.2	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.08	102.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.18	104.5	(70.00 - 130.00)	2.4

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
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Laboratory
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 #60842

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,1-Dichloropropene	4	4.09	102.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	4.11	102.8	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	4.21	105.2	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.04	101.0	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.10	102.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.01	100.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.28	107.0	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.05	100.6	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.06	101.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.18	104.5	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.13	103.2	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	42.6	106.5	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	4.09	102.2	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	4.10	102.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.6	104.0	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912130085		(0.00 - 0.00)
LCS1	Benzene	4	4.19	104.8	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.47	111.8	(70.00 - 130.00)
MSD	Benzene	4	4.50	112.5	(70.00 - 130.00) 0.67

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Laboratory
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Foster Wheeler Environmental, Inc
(continued)

LCS1	Bromobenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.19	104.8	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.54	113.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)	1.3
LCS1	Carbon Tetrachloride	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.00	100.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	1.78	89.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.88	94.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.87	96.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.36	109.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.10	102.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	1.69	84.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrchloromethane-Freon11	2	1.85	92.5	(71.00 - 118.00)	
MBLK	Fluorotrchloromethane-Freon11	ND				

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

LCS1	Hexachlorobutadiene	4	3.85	96.2	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.10	102.5	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.22	102.8	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.10	102.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.04	101.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.06	101.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	99	99.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	104	104.0		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	109	109.0	(80.00 - 127.00)	1.8
LCS1	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	1.00
LCS1	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	

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Foster Wheeler Environmental, Inc
 (continued)

Method	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	5.1
LCS1	trans-1,2-Dichloroethylene	4	4.24	106.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.03	100.8	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.61	115.3	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.65	116.3	(70.00 - 130.00)	0.86
LCS1	Trichlorotrifluoroethane (Freon)	0.2	0.20	100.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.09	102.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.42	110.5	(70.00 - 130.00)	
MSD	Toluene	4	4.50	112.5	(70.00 - 130.00)	1.8
LCS1	Vinyl chloride (VC)	2	2.03	101.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107572

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12100002		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	1.5
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.1	90.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.0	100.0	(75.00 - 125.00)	10.0

QC Batch #107573

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12100006		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.7	103.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	2.9

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Foster Wheeler Environmental, Inc
 (continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.8	99.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.5	102.5	(75.00 - 125.00)	3.5

QC Batch #108366

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12100002		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	0.00
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	92	92.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	91	91.0	(77.00 - 119.00)	1.1

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.
January 5, 2000
Revised February 11, 2000

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

Attention: Mark Cutler

Re: Report # 60907 (MW-994-105, MW-994-106, MW-994-015, MW-994-039, MW-994-016)

Sampled 12/10/99

Dear Mark,

Enclosed please find revised data deliverables for the recent JPL project. Revisions are detailed under additional comments. A detailed quality control (QC) summary follows:

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

None

Samples requiring dilution (with increased MRL's):

MW-994-039 was diluted for Chloroform, Carbon Tetrachloride, and Perchlorate

MW-994-015 was diluted for Carbon Tetrachloride and Perchlorate

Method blanks with compounds detected:

None

Comments:

1,1-Dichloroethylene was detected in W-994-015, -039

1,2-Dichloroethane was detected in MW-994-015, -039

Carbon Tetrachloride was detected in MW-994-015, -039, -016

Chloroform was detected in MW-994-106, -015, -039

Tetrachloroethylene was detected in MW-994-015, -039

Trichloroethylene was detected in MW-994-015, -039, -016

Trichlorotrifluoroethane was detected in MW-994-015, -039

Chromium was detected in MW-994-015

Hexavalent Chromium was detected in MW-994-015, -039

Perchlorate was detected in MW-994-015, -039, -016

TIC'S:

None

Method Variation:

TIC's are reported only if the final result is >0.5 ug/L.

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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

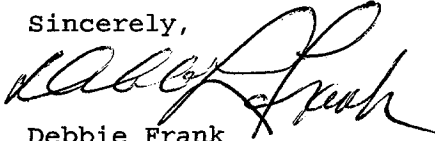
Southern California Service Center
30 Corporate Park - Suite 302
Irvine, California 92606
Tel: 949 222 1845
Fax: 949 222 1849

Additional Comments:

The date analyzed for the diluted compounds in MW-994-039 and -015 are revised from the original date analyzed of 12/14/99 to the date of analysis of the diluted run. Carbon Tetrachloride is reported from the 12/16/99 diluted run for MW-994-015. Carbon Tetrachloride and Chloroform are reported from the 12/15/99 diluted run for MW-994-039.

MW-994-016 was associated with the incorrect Chromium prep batch QC. 107161 is the correct prep batch association.

Sincerely,



Debbie Frank
Project Manager

CC: Judy Novelly (JPL)



60907

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

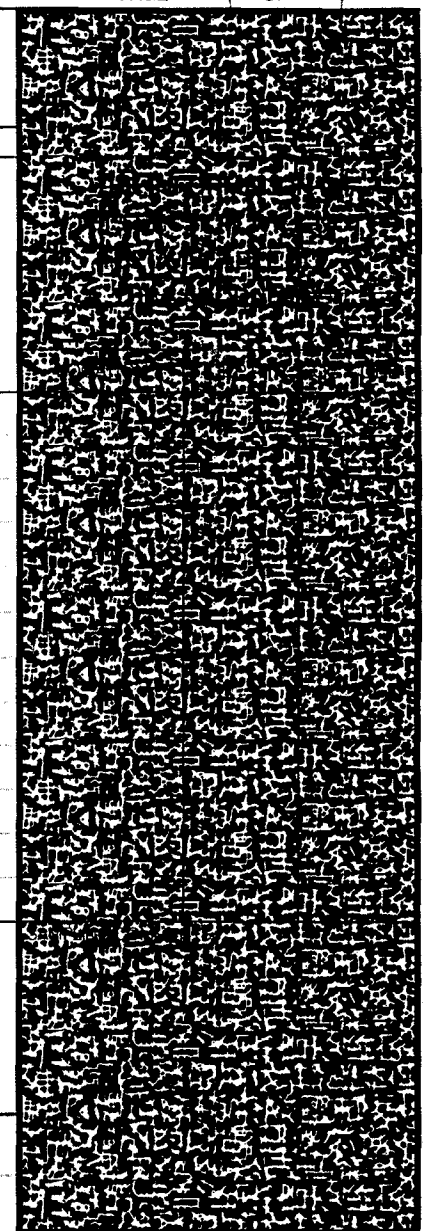
PAGE 1 OF 1

PROJECT JPC		OFS NO. 1511-1111		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 1111 1st St, New York, NY 10001				SAMPLER (Name) T. Taylor				SAMPLER (Signature) <i>[Signature]</i>			
LABORATORY Foster Wheeler Environmental Corporation				ANALYSES REQUIRED							
REPORTS TO BE SENT TO 1111 1st St				VOLs (234)							

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOLs	C1	C2	C3	M1	M2	M3	M4	M5	M6	M7	M8			
					WATER	SOIL	OTHER (Describe)															
MW-991-105	1010	11/10	3	2x40ml				X														
MW-994-106	910	}	5	2x40ml				X	X	X	X											
MW-991-015	10010		5	2x40ml				X	X	X	X											
MW-991-039	1205		5	2x40ml 3x125ml	X			X	X	X	X											
MW-994-016	1415		5	2x40ml 2x125ml 1x250	X			X	X	X	X											
MW-991-016A5	1415		2	2x40ml	X								X									
MW-991-016B5	1415		2	2x40ml										X								

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL IV RIA/PC

RELINQUISHED BY (Signature) <i>[Signature]</i>	DATE 12/10/01	RECEIVED BY (Signature) <i>[Signature]</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1506	COMPANY F.W.E.C.	COMPANY	TIME	COMPANY



MONTGOMERY WATSON COOLER RECEIPT FORM

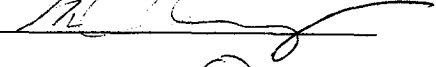
PROJECT: ENSEARCH

DATE RECEIVED: 12-10-99

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

A. PRELIMINARY EXAMINATION

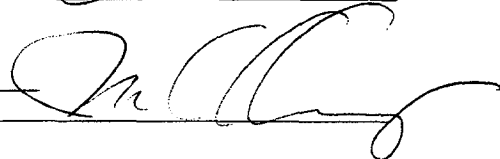
Date Cooler opened: 12-10-99

By (print) MIKE CHIANG (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: 1 out of lid
If yes, enter the following: seal date: 12-10-99 seal name: TTC
- 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: 12-10-99

B. LOGIN PHASE

Date samples were logged in: 12-10-99

By (print) MIKE CHIANG (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

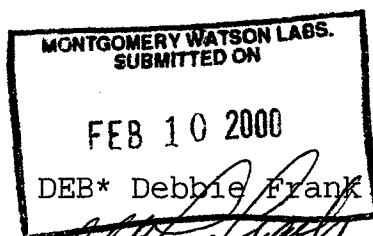
Suite 800

Costa Mesa , CA 92626

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

REVISED

Cr GC batch Assoc.



Report#: 60907
JPL

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Laboratory
 Report
 #60907

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

Samples Received
 10-dec-1999 13:08:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
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MW-994-105 (1912130081) Sampled on 12/10/99

Regulated VOCs plus Lists 1&3

12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60907**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		



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**Laboratory
 Report
 #60907**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-106 (1912130082)				Sampled on 12/10/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106899	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60907**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	2.6	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	115	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

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Laboratory
 Report
 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-015 (1912130083)				Sampled on 12/10/99				
	12/27/99	107861	(MOD/EPA 300)	Perchlorate	460	ug/l	80	20
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	10	ug/l	10	1
	12/10/99	106899	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.007	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	2.2	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	0.7	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/16/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	120	ug/l	5.0	10
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	10.8	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.0	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	19.7	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	2.4	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/14/99	12/14/99	107187	(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	103	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

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Laboratory
 Report
 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-039 (1912130084)				Sampled on 12/10/99				
	12/27/99	107861	(MOD/EPA 300)	Perchlorate	770	ug/l	200	50
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106899	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.006	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	5.3	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	0.7	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/15/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	80	ug/l	2.5	5
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/15/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	24	ug/l	2.5	5
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.0	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	10.4	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	115	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-016 (1912130085)				Sampled on 12/10/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	5.2	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/10/99	106899	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	0.9	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #60907

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.8	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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Report
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(Sample#: 1912130083)

Test: @EBASVOA

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Laboratory
 QC Report
 #60907

Foster Wheeler Environmental, Inc

QC Batch #106899**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12130084		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	2.1
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.047	94.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(80.00 - 120.00)	2.1

QC Batch #107161**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020023		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	94	94.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	1.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	102	102.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	1.9

QC Batch #107187**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.26	106.5	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.51	112.8	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.53	113.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.24	106.0	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.90	97.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.08	102.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.18	104.5	(70.00 - 130.00)	2.4

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Laboratory
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 #60907

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,1-Dichloropropene	4	4.25	106.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	4.37	109.2	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	4.75	118.8	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.31	107.7	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.46	111.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.57	114.2	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.35	108.7	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.37	109.2	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.35	104.4	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.57	114.2	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.42	110.5	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.38	109.5	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	45.2	113.0	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	4.27	106.7	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	4.42	110.5	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	44.3	110.8	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912130085		(0.00 - 0.00)
LCS1	Benzene	4	4.28	107.0	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.47	111.8	(70.00 - 130.00)
MSD	Benzene	4	4.50	112.5	(70.00 - 130.00) 0.67

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Foster Wheeler Environmental, Inc
 (continued)

LCS1	Bromobenzene	4	4.35	108.7	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.86	93.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.41	110.2	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.31	107.7	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.54	113.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)	1.3
LCS1	Carbon Tetrachloride	4	4.17	104.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.32	108.0	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	4.35	108.7	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	2.04	102.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.84	92.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	4.17	104.2	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.68	117.0	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	4.15	103.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.89	97.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.30	107.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	2.07	103.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	2.11	105.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Hexachlorobutadiene	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.37	109.2	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.63	107.9	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.50	112.5	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.35	108.7	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.40	110.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.37	109.2	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.26	106.5	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.26	106.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.38	109.5	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.42	110.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.48	112.0	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	107	107.0		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	109	109.0	(80.00 - 127.00)	1.8
LCS1	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	100	100.0		
MS	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	1.00
LCS1	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	98	98.0		
MS	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	

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 #60907

Foster Wheeler Environmental, Inc
 (continued)

Method	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	5.1
LCS1	trans-1,2-Dichloroethylene	4	4.29	107.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.38	109.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.22	105.5	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.61	115.3	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.65	116.3	(70.00 - 130.00)	0.86
LCS1	Trichlorotrifluoroethane (Freon)	0.2	0.23	115.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.23	105.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.42	110.5	(70.00 - 130.00)	
MSD	Toluene	4	4.50	112.5	(70.00 - 130.00)	1.8
LCS1	Vinyl chloride (VC)	2	1.94	97.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107796**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12130417		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	0.00
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.0	95.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	8.1

QC Batch #107861**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12130084		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.5	92.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	9.3

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#60907

Foster Wheeler Environmental, Inc
(continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.5	92.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.7	108.5	(75.00 - 125.00)	16

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Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 4, 2000

Revised: February 11, 2000

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

Attention: Mark Cutler

Report # 60936 (MW-994-107, MW-994-014, MW-994-018,
MW-994-019, MW-994-013, MW-994-038)

Sampled: 12/13/99

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Comments:

1,1-Dichloroethane was detected in MW-994-018, -019
Chloroform was detected in MW-994-018, -019
Tetrachloroethylene was detected in MW-994-014, -018, -019
Trichloroethylene was detected in MW-994-018, -019
Chromium was detected in MW-994-014, -018, -19
Perchlorate was detected in MW-994-018, -019

TIC'S:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

MW-994-014, MW-994-018 were associated with the incorrect Chromium prep
batch QC. 107161 is the correct prep batch association.

Sincerely,


Debbie Frank
Project Manager

CC: Judy Novelly (JPL)

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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



60936

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1577-0271		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 type="checkbox"/> _____ DAYS RUSH <input type="checkbox"/> _____ DAYS																																																																																																																																												
PROJECT ADDRESS 11300 Oak Grove Dr, Pasadena CA				SAMPLER (Name) Lynn Turpin-Koster						SAMPLER (Signature) <i>[Signature]</i>																																																																																																																																									
LABORATORY Monsieumery Watson (MS)				ANALYSES REQUIRED																																																																																																																																															
REPORTS TO BE SENT TO Mr. Mark Cotton				<table border="1"> <thead> <tr> <th rowspan="2">SAMPLE NUMBER</th> <th rowspan="2">TIME COLLECTED</th> <th rowspan="2">DATE COLLECTED</th> <th rowspan="2">NUMBER OF CONTAINERS</th> <th rowspan="2">CONTAINER SIZE(S)</th> <th colspan="3">SAMPLE MATERIAL</th> <th rowspan="2">VOCs (529.2)</th> <th rowspan="2">CrPbS</th> <th rowspan="2">CrLr</th> <th rowspan="2">C104-</th> <th rowspan="2">QC (see 6.1.2)</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>WATER</th> <th>SOIL</th> <th>OTHER (Describe)</th> </tr> </thead> <tbody> <tr> <td>MW 994 107</td> <td>1115</td> <td>12/13/91</td> <td>2</td> <td>2 x 40ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW 994-011</td> <td>1132</td> <td rowspan="5">}</td> <td>5</td> <td>2 x 40ml 3 x 125ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW 994-014</td> <td>1233</td> <td>5</td> <td>2 x 40ml 3 x 125ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW 994-019</td> <td>1245</td> <td>5</td> <td>2 x 40ml 3 x 125ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW 994-012</td> <td>1350</td> <td>5</td> <td>2 x 40ml 3 x 125ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW 994-030</td> <td>1453</td> <td>5</td> <td>2 x 40ml 3 x 125ml</td> <td>X</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (529.2)	CrPbS	CrLr	C104-	QC (see 6.1.2)							WATER	SOIL	OTHER (Describe)	MW 994 107	1115	12/13/91	2	2 x 40ml	X			X											MW 994-011	1132	}	5	2 x 40ml 3 x 125ml	X			X	X	X	X								MW 994-014	1233	5	2 x 40ml 3 x 125ml	X			X	X	X	X								MW 994-019	1245	5	2 x 40ml 3 x 125ml	X			X	X	X	X								MW 994-012	1350	5	2 x 40ml 3 x 125ml	X			X	X	X	X								MW 994-030	1453	5	2 x 40ml 3 x 125ml	X			X	X	X	X	X						
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (529.2)	CrPbS	CrLr	C104-	QC (see 6.1.2)																																																																																																																																							
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MW 994 107	1115	12/13/91	2	2 x 40ml	X			X																																																																																																																																											
MW 994-011	1132	}	5	2 x 40ml 3 x 125ml	X			X	X	X	X																																																																																																																																								
MW 994-014	1233		5	2 x 40ml 3 x 125ml	X			X	X	X	X																																																																																																																																								
MW 994-019	1245		5	2 x 40ml 3 x 125ml	X			X	X	X	X																																																																																																																																								
MW 994-012	1350		5	2 x 40ml 3 x 125ml	X			X	X	X	X																																																																																																																																								
MW 994-030	1453		5	2 x 40ml 3 x 125ml	X			X	X	X	X	X																																																																																																																																							

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL IV QA/QC

RELINQUISHED BY (Signature) <i>[Signature]</i>	DATE 12/13	RECEIVED BY (Signature) <i>[Signature]</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 11:00	COMPANY Wells	COMPANY	TIME	COMPANY

MONTGOMERY WATSON COOLER RECEIPT FORM

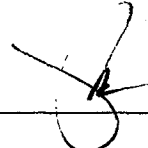
PROJECT: FOSTER WHEELER

DATE RECEIVED: 12-13-99

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: 12-13-99

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

- 1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If yes, attach and enter carrier and air bill number here: DELIVERED BY CLIENT
- 2. Were custody seals on outside of cooler? Yes No
If yes, how many and where: 1 OUTSIDE LID
If yes, enter the following: seal date: 12-13-99 seal name: TTK
- 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: MLD date: 12-13-99

B. LOGIN PHASE

Date samples were logged in: 12-13-99

By (print) M. 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)?
- 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

TEMP 6°C 3 BAGS
REG ICE



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Laboratory Report

for

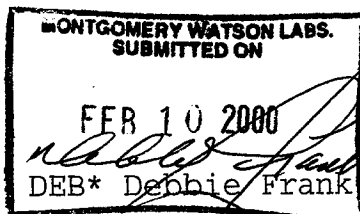
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
Cr AC batch Assoc.



Report#: 60936
JPL

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Laboratory
 Report
 #60936

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

Samples Received
 13-dec-1999 16:22:43

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-107 (1912130408)				Sampled on 12/13/99				
Regulated VOCs plus Lists 1&3								
12/14/99	107187	(ML/EPA 524.2)		1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,1-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		1,3-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		2,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		2-Butanone (MEK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)		o-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		p-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)		Benzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		Bromobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		Chlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		Carbon Tetrachloride	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)		Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #60936**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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**Laboratory
 Report
 #60936**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
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MW-994-014 (1912130410) Sampled on 12/13/99

	12/23/99	107796	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	12	ug/l	10	1
	12/13/99	106880	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1

Regulated VOCs plus Lists 1&3

12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.3	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	119	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-018 (1912130413)				Sampled on 12/13/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	21	ug/l	4.0	1
12/15/99	12/16/99	107161	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	26	ug/l	10	1
	12/13/99	106880	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	0.6	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/14/99	107187		(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.9	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.1	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Trichloroethylene (TCE)	3.7	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/14/99	107187		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/14/99	107187		(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	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-019 (1912130414)				Sampled on 12/13/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	21	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	26	ug/l	10	1
	12/13/99	106880	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/15/99	107661	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethane	0.6	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
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 #60936**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/15/99	107661	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.9	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.9	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.3	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/15/99	107661	(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	124	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
 Report
 #60936**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-013 (1912130416)				Sampled on 12/13/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/13/99	106880	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-038 (1912130417)				Sampled on 12/13/99				
	12/23/99	107796	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/13/99	106880	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/14/99	107187	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/14/99	107187	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/14/99	107187	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/14/99	107187	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/14/99	107187	(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	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

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Laboratory
 QC Report
 #60936

Foster Wheeler Environmental, Inc

QC Batch #106880**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12130417		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	0.00
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	0.050	100.0	(80.00 - 120.00)	2.0

QC Batch #107161**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12020023		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	94	94.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	1.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	102	102.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	1.9

QC Batch #107162**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12130085		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	107	107.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	2.8
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	107	107.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	2.8

QC Batch #107187**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.26	106.5	(76.00 - 116.00)	

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MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.51	112.8	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.53	113.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.24	106.0	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.90	97.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.08	102.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.18	104.5	(70.00 - 130.00)	2.4
LCS1	1,1-Dichloropropene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.37	109.2	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.31	107.7	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.46	111.5	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.57	114.2	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.35	108.7	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.37	109.2	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.35	104.4	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.57	114.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.42	110.5	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.38	109.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	45.2	113.0	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				

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LCS1	<u>o-Chlorotoluene</u>	4	4.27	106.7	(70.00 - 130.00)	
MBLK	<u>o-Chlorotoluene</u>	ND				
LCS1	<u>p-Chlorotoluene</u>	4	4.42	110.5	(70.00 - 130.00)	
MBLK	<u>p-Chlorotoluene</u>	ND				
LCS1	<u>4-Methyl-2-Pentanone (MIBK)</u>	40	44.3	110.8	(70.00 - 130.00)	
MBLK	<u>4-Methyl-2-Pentanone (MIBK)</u>	ND				
MS	Spiked sample	Lab # 99	1912130085		(0.00 - 0.00)	
LCS1	<u>Benzene</u>	4	4.28	107.0	(76.00 - 122.00)	
MBLK	<u>Benzene</u>	ND				
MS	Benzene	4	4.47	111.8	(70.00 - 130.00)	
MSD	Benzene	4	4.50	112.5	(70.00 - 130.00)	0.67
LCS1	<u>Bromobenzene</u>	4	4.35	108.7	(70.00 - 130.00)	
MBLK	<u>Bromobenzene</u>	ND				
LCS1	<u>Bromomethane (Methyl Bromide)</u>	2	1.86	93.0	(70.00 - 130.00)	
MBLK	<u>Bromomethane (Methyl Bromide)</u>	ND				
LCS1	<u>cis-1,2-Dichloroethylene</u>	4	4.41	110.2	(75.00 - 124.00)	
MBLK	<u>cis-1,2-Dichloroethylene</u>	ND				
LCS1	<u>Chlorobenzene</u>	4	4.31	107.7	(70.00 - 117.00)	
MBLK	<u>Chlorobenzene</u>	ND				
MS	Chlorobenzene	4	4.54	113.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)	1.3
LCS1	<u>Carbon Tetrachloride</u>	4	4.17	104.2	(70.00 - 130.00)	
MBLK	<u>Carbon Tetrachloride</u>	ND				
MBLK	<u>cis-1,3-Dichloropropene</u>	ND				
LCS1	<u>Bromoform</u>	4	4.01	100.2	(70.00 - 130.00)	
MBLK	<u>Bromoform</u>	ND				
LCS1	<u>Chloroform (Trichloromethane)</u>	4	4.32	108.0	(74.00 - 124.00)	
MBLK	<u>Chloroform (Trichloromethane)</u>	ND				
LCS1	<u>Bromochloromethane</u>	4	4.35	108.7	(70.00 - 130.00)	
MBLK	<u>Bromochloromethane</u>	ND				
LCS1	<u>Chloroethane</u>	2	2.04	102.0	(70.00 - 130.00)	
MBLK	<u>Chloroethane</u>	ND				
LCS1	<u>Chloromethane (Methyl Chloride)</u>	2	1.84	92.0	(70.00 - 130.00)	
MBLK	<u>Chloromethane (Methyl Chloride)</u>	ND				
LCS1	<u>Chlorodibromomethane</u>	4	4.17	104.2	(70.00 - 130.00)	
MBLK	<u>Chlorodibromomethane</u>	ND				
LCS1	<u>Dibromomethane</u>	4	4.68	117.0	(70.00 - 130.00)	

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MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	4.15	103.8	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.89	97.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.30	107.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	2.07	103.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	2.11	105.5	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
LCS1	Hexachlorobutadiene	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.37	109.2	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.63	107.9	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.50	112.5	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.35	108.7	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.40	110.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.37	109.2	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.26	106.5	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.26	106.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.38	109.5	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.42	110.5	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.48	112.0	(70.00 - 130.00)	
MBLK	Styrene	ND				

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LCS1	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	107	107.0		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 127.00)	
MSD	1,2-dichloroethane-d4	100	109	109.0	(80.00 - 127.00)	1.8
LCS1	Toluene-d8	100	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	100	100.0		
MS	Toluene-d8	100	100	100.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	101	101.0	(91.00 - 107.00)	1.00
LCS1	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	98	98.0		
MS	4-Bromofluorobenzene	100	96	96.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(82.00 - 119.00)	5.1
LCS1	trans-1,2-Dichloroethylene	4	4.29	107.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.38	109.5	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.22	105.5	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.61	115.3	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.65	116.3	(70.00 - 130.00)	0.86
LCS1	Trichlorotrifluoroethane (Freon	0.2	0.23	115.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.23	105.8	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.42	110.5	(70.00 - 130.00)	
MSD	Toluene	4	4.50	112.5	(70.00 - 130.00)	1.8
LCS1	Vinyl chloride (VC)	2	1.94	97.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107661**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.05	101.2	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.21	105.2	(76.00 - 116.00)	

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.

**MONTGOMERY WATSON LABORATORIES**

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 555 East Walnut Street
 Pasadena, California 91101
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Laboratory
 QC Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.07	101.8	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.20	105.0	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.96	99.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.60	90.0	(70.00 - 130.00)	0.28
LCS1	1,1-Dichloropropene	4	4.21	105.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	3.95	98.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.30	107.5	(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	4.22	105.5	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.35	108.7	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.07	101.8	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.82	97.8	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.21	105.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.16	104.0	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.26	106.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	40.3	100.7	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				

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Laboratory
 QC Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

LCS1	o-Chlorotoluene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	4.05	101.2	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	40.6	101.5	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912150109		(0.00 - 0.00)	
LCS1	Benzene	4	4.04	101.0	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.05	101.2	(70.00 - 130.00)	
MSD	Benzene	4	4.30	107.5	(70.00 - 130.00)	6.0
LCS1	Bromobenzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.97	98.5	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.20	105.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.10	102.5	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.43	110.8	(70.00 - 130.00)	7.5
LCS1	Carbon Tetrachloride	4	4.13	103.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.56	89.0	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.19	104.8	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	4.32	108.0	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	2	2.07	103.5	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	2	1.81	90.5	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)	

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Laboratory
QC Report
#60936

Foster Wheeler Environmental, Inc
(continued)

MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.07	101.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	3.65	91.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.16	104.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	2.02	101.0	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.17	108.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.09	102.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	4.07	101.8	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.17	104.2	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.31	103.9	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.85	96.2	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.25	106.2	(70.00 - 130.00)
MBLK	n-Butylbenzene	ND			
LCS1	n-Propylbenzene	4	4.22	105.5	(70.00 - 130.00)
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	4.14	103.5	(72.00 - 118.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.00	100.0	(76.00 - 114.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.09	102.2	(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	4.27	106.7	(70.00 - 130.00)
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	4	4.23	105.8	(70.00 - 130.00)
MBLK	Styrene	ND			

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Laboratory
 QC Report
 #60936

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	112	112.0		
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	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	100	100.0		
MS	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	3.0
LCS1	4-Bromofluorobenzene	100	102	102.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	104	104.0		
MS	4-Bromofluorobenzene	100	112	112.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	12
LCS1	trans-1,2-Dichloroethylene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.19	104.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.09	102.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)	0.42
LCS1	Trichlorotrifluoroethane (Freon	0.2	0.22	110.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.05	101.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Toluene	4	4.34	108.5	(70.00 - 130.00)	5.9
LCS1	Vinyl chloride (VC)	2	1.91	95.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107796**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12130417		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.6	103.0	(90.00 - 110.00)	0.00

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QC Report
#60936

Foster Wheeler Environmental, Inc
(continued)

MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	19.0	95.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	8.1

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MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 21, 2000
Revised: February 1, 2000

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

Attention: Mark Cutler

Re: Report # 61013 (MW-994-108, MW-994-017, MW-994-001,
MW-994-031, MW-994-032)

Sampled 12/14/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. Revisions are detailed under TIC's. A detailed quality control (QC) summary follows:

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

None

Samples requiring dilution (with increased MRL's):

MW-994-032, -031 was diluted for Perchlorate

Method blanks with compounds detected:

None

Comments:

- 1,1-Dichloroethylene was detected in MW-994-031, -032
- 1,2-Dichloroethane was detected in MW-994-031, -032
- Carbon Tetrachloride was detected in MW-994-031, -032
- Chloroform was detected in MW-994-031, -032
- Trichloroethylene was detected in MW-994-031, -032
- Chromium was detected in MW-994-031, -032
- Hexavalent chrome was detected in MW-994-031, -032
- Perchlorate was detected in MW-994-031, -032

TIC's:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

Laboratory
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400
Fax: 626 568 6324

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



61013

NUMBER 1, 0, 0, 4

TEMP 50c

REF 10F 3 BAGS

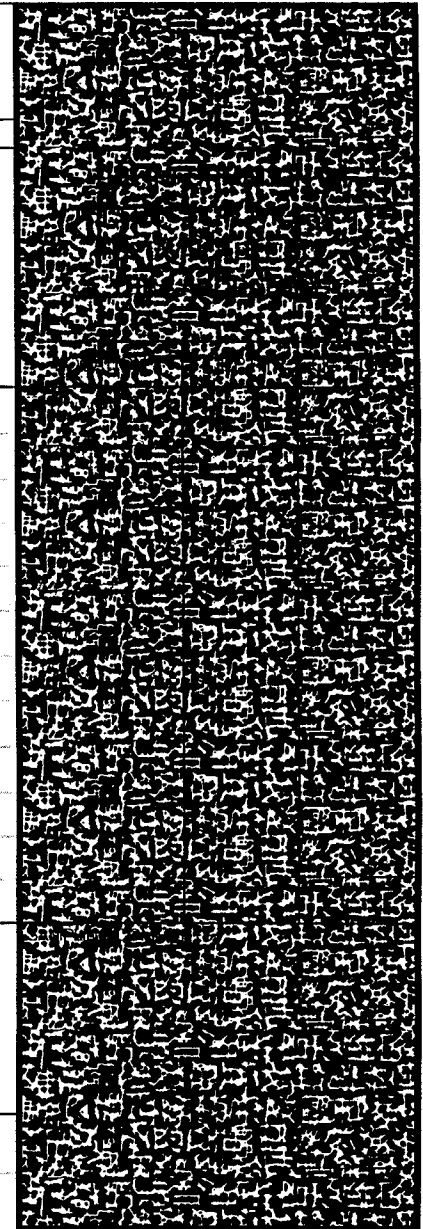
FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL	OFS NO. 1577-0294	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) Laura Tripyn Keaster	SAMPLER (Signature) <i>Laura Tripyn Keaster</i>	<table border="1"> <tr> <td>VOCS (S142)</td> <td>CUTPT</td> <td>CUT</td> <td>ClO₂</td> <td>MS For VOCS</td> <td>MSD for VOCS</td> <td>MSMSD for CUT</td> <td>QC for CUT</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		VOCS (S142)	CUTPT	CUT	ClO ₂	MS For VOCS	MSD for VOCS	MSMSD for CUT	QC for CUT																
VOCS (S142)	CUTPT			CUT	ClO ₂	MS For VOCS	MSD for VOCS	MSMSD for CUT	QC for CUT																		
LABORATORY Montgomery Watson CAP																											
REPORTS TO BE SENT TO Mr. Mark Cotter																											

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCS (S142)	CUTPT	CUT	ClO ₂	MS For VOCS	MSD for VOCS	MSMSD for CUT	QC for CUT
					WATER	SOIL	OTHER (Describe)								
MW-994-108	1120	12/14/99	2	2x 40ml	X			X							
MW-994-017	0950		5	2x 40ml 3x 125ml	X			X	X	X					X
MW-994-001	1133		5	2x 40ml 2x 125ml	X			X	X	X					X
MW-994-001MS	1133		2	2x 40ml								X			
MW-994-001MSD	1133		2	2x 40ml								X			
MW-994-032	1405		5	2x 40ml 3x 125ml				X	X	X					
MW-994-032	1500		5	2x 40ml 3x 125ml				X	X	X					



LABORATORY INSTRUCTIONS/COMMENTS
LEVEL III QA/QC

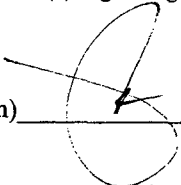
RELINQUISHED BY (Signature) <i>Laura Tripyn Keaster</i>	DATE 12/14/99	RECEIVED BY (Signature) <i>[Signature]</i>	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY FOSTER WHEELER	TIME 1610	COMPANY AL	COMPANY	TIME	COMPANY

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: FOSTER WHEELER DATE RECEIVED: 12-14-99

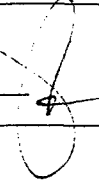
Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 12-14-99
By (print) M. DE WESA (sign) 

- 1. Did cooler come with shipping slip (air bill, etc.)?
If yes, attach and enter carrier and air bill number here: DEL BY CLIENT Yes No
- 2. Were custody seals on outside of cooler?
If yes, how many and where: 1 OUTSIDE LID Yes No
If yes, enter the following: seal date: 12-14-99 seal name: TTK
- 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: UW date: 12-14-99

B. LOGIN PHASE

Date samples were logged in: 12-14-99
By (print) M. DE WESA (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)?
- 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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555 East Walnut Street

Pasadena, California 91101

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Laboratory Report

for

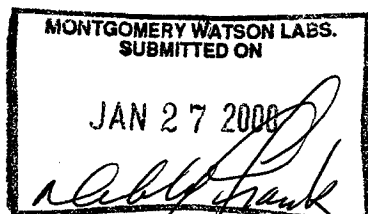
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
TIC's



DEB* Debbie Frank

Report#: 61013
JPL



MONTGOMERY WATSON LABORATORIES
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 555 East Walnut Street
 Pasadena, California 91101
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Laboratory
 Report
 #61013

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

Samples Received
 14-dec-1999 17:12:33

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
				MW-994-108 (1912140193) Sampled on 12/14/99				
				Regulated VOCs plus Lists 1&3				
12/16/99	107685		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
12/16/99	107685		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
12/16/99	107685		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/16/99	107685	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/16/99	107685	(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	129	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-017 (1912140194)				Sampled on 12/14/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/16/99	12/16/99	108253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/15/99	106946	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/15/99	107661	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(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
	12/15/99	107661	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/15/99	107661	(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	99	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-001 (1912140195)				Sampled on 12/14/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/16/99	12/16/99	108253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/15/99	106946	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/15/99	107661	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
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 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/15/99	107661	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/15/99	107661	(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	127	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-031 (1912140196)				Sampled on 12/14/99				
	12/27/99	107861	(MOD/EPA 300)	Perchlorate	510	ug/l	80	20
12/16/99	12/16/99	108253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	33	ug/l	10	1
	12/15/99	106946	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.029	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/16/99	107685	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethylene	0.7	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloroethane	0.5	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Carbon Tetrachloride	10.7	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/16/99	107685	(ML/EPA 524.2)	Chloroform (Trichloromethane)	9.1	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Trichloroethylene (TCE)	19.7	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/16/99	107685	(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	121	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-032 (1912140197)				Sampled on 12/14/99				
	12/27/99	107861	(MOD/EPA 300)	Perchlorate	590	ug/l	80	20
12/16/99	12/16/99	108253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	34	ug/l	10	1
	12/15/99	106946	(ML/SW 7196)	Hexavalent chromium (Cr VI)	0.029	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/15/99	107661	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloroethylene	0.6	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloroethane	0.5	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/15/99	107661	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Carbon Tetrachloride	10.7	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/15/99	107661	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61013**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/15/99	107661		(ML/EPA 524.2)	Chloroform (Trichloromethane)	9.2	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Trichloroethylene (TCE)	20.0	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/15/99	107661		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/15/99	107661		(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	127	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		



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Laboratory
 QC Report
 #61013

Foster Wheeler Environmental, Inc

QC Batch #106946

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12140194		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.048	96.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	2.1
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 #107661

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.05	101.2	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.21	105.2	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.07	101.8	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.20	105.0	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.96	99.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.60	90.0	(70.00 - 130.00)	0.28
LCS1	1,1-Dichloropropene	4	4.21	105.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	3.95	98.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.30	107.5	(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	4.22	105.5	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.35	108.7	(75.00 - 130.00)	

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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Foster Wheeler Environmental, Inc
 (continued)

MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.07	101.8	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.82	97.8	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.21	105.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.16	104.0	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.26	106.5	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	40.3	100.7	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	4.05	101.2	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	40.6	101.5	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912150109		(0.00 - 0.00)	
LCS1	Benzene	4	4.04	101.0	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.05	101.2	(70.00 - 130.00)	
MSD	Benzene	4	4.30	107.5	(70.00 - 130.00)	6.0
LCS1	Bromobenzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	1.97	98.5	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.20	105.0	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.10	102.5	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.43	110.8	(70.00 - 130.00)	7.5
LCS1	Carbon Tetrachloride	4	4.13	103.2	(70.00 - 130.00)	

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MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	3.56	89.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	4.19	104.8	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.32	108.0	(70.00 - 130.00)
MBLK	Bromochloromethane	ND			
LCS1	Chloroethane	2	2.07	103.5	(70.00 - 130.00)
MBLK	Chloroethane	ND			
LCS1	Chloromethane (Methyl Chloride)	2	1.81	90.5	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	4.23	105.8	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.07	101.8	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	3.65	91.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.16	104.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	2.02	101.0	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.17	108.5	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.09	102.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	4.07	101.8	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.17	104.2	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.31	103.9	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.85	96.2	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.25	106.2	(70.00 - 130.00)

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MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.22	105.5	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.14	103.5	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.00	100.0	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.09	102.2	(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	4.27	106.7	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.23	105.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	112	112.0		
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	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	100	100.0		
MS	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	3.0
LCS1	4-Bromofluorobenzene	100	102	102.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	104	104.0		
MS	4-Bromofluorobenzene	100	112	112.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	12
LCS1	trans-1,2-Dichloroethylene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.19	104.8	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.09	102.2	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)	0.42
LCS1	Trichlorotrifluoroethane (Freon)	0.2	0.22	110.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				

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Foster Wheeler Environmental, Inc
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MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.05	101.2	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Toluene	4	4.34	108.5	(70.00 - 130.00)	5.9
LCS1	Vinyl chloride (VC)	2	1.91	95.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107685

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.23	105.8	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.92	98.0	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.05	101.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.60	90.0	(70.00 - 130.00)	0.28
LCS1	1,1-Dichloropropene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	3.95	98.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.02	100.5	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.39	109.7	(75.00 - 130.00)	

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Foster Wheeler Environmental, Inc
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MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.01	100.2	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.81	97.6	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.16	104.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.92	98.0	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.27	106.7	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	41.9	104.7	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
LCS1	o-Chlorotoluene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	3.96	99.0	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.1	102.8	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912150109		(0.00 - 0.00)	
LCS1	Benzene	4	4.01	100.2	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.05	101.2	(70.00 - 130.00)	
MSD	Benzene	4	4.30	107.5	(70.00 - 130.00)	6.0
LCS1	Bromobenzene	4	3.89	97.2	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.30	115.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.14	103.5	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.03	100.8	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.43	110.8	(70.00 - 130.00)	7.5
LCS1	Carbon Tetrachloride	4	4.18	104.5	(70.00 - 130.00)	

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MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	3.55	88.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	4.14	103.5	(74.00 - 124.00)
MBLK	Chloroform (Trichloromethane)	ND			
LCS1	Bromochloromethane	4	4.03	100.8	(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	1.76	88.0	(70.00 - 130.00)
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	3.81	95.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
LCS1	Dibromomethane	4	4.35	108.7	(70.00 - 130.00)
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.05	101.2	(70.00 - 116.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	3.64	91.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.07	101.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Dichlorodifluoromethane	2	1.93	96.5	(70.00 - 130.00)
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.20	110.0	(71.00 - 118.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
LCS1	Hexachlorobutadiene	4	4.21	105.2	(70.00 - 130.00)
MBLK	Hexachlorobutadiene	ND			
LCS1	Isopropylbenzene	4	3.98	99.5	(70.00 - 130.00)
MBLK	Isopropylbenzene	ND			
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.01	100.2	(70.00 - 130.00)
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.07	100.9	(74.00 - 116.00)
MBLK	m,p-Xylenes	ND			
LCS1	Naphthalene	4	3.96	99.0	(70.00 - 130.00)
MBLK	Naphthalene	ND			
LCS1	n-Butylbenzene	4	4.26	106.5	(70.00 - 130.00)

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MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.08	102.0	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.05	101.2	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.10	102.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.03	100.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	115	115.0		
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	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	101	101.0		
MS	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	3.0
LCS1	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	98	98.0		
MS	4-Bromofluorobenzene	100	112	112.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	12
LCS1	trans-1,2-Dichloroethylene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.12	103.0	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)	0.42
LCS1	Trichlorotrifluoroethane (Freon	0.2	0.22	110.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				

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Foster Wheeler Environmental, Inc
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MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.98	99.5	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Toluene	4	4.34	108.5	(70.00 - 130.00)	5.9
LCS1	Vinyl chloride (VC)	2	1.92	96.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107798

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12150110		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	6.2
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.0	90.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	18.4	92.0	(75.00 - 125.00)	2.2

QC Batch #107861

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12130084		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.5	92.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	9.3
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.5	92.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.7	108.5	(75.00 - 125.00)	16

QC Batch #108253

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12140195		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	108	108.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	108	108.0	(85.00 - 115.00)	0.00

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Tel: 626 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#61013

Foster Wheeler Environmental, Inc
(continued)

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	105	105.0	(77.00 - 119.00)	0.96

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.



MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

January 17, 2000
Revised: February 1, 2000

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

Attention: Mark Cutler

Re: Report # 61043 (MW-994-109, MW-994-110, MW-994-069,
MW-994-068, MW-994-067, MW-994-066, MW-994-065)

Sampled 12/15/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. Revisions are detailed under TIC's. A detailed quality control (QC) summary follows:

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

(524.2) QC batch 107837 12/22/99: The LCS for 1,1,2-Trichloroethane and Fluorotrichloromethane-Freon11 recovered outside internal control limits. The result is within method and QAPP limits of 70-130%. Results are reported without qualification.

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Comments:

1,1-Dichloroethane was detected in MW-994-065
Chloroform was detected in MW-994-110, -065
Dichloromethane was detected in MW-994-110
Tetrachloroethylene was detected in Mw-994-065
Perchlorate was detected in MW-994-065

TIC's:

None

Method Variation:

TIC's are only reported if the final result is >0.5 ug/L.

Additional Comments:

None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

Laboratory
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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



61043 144

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT SIL	OFS NO. 1512-02-1	HAZARD IDENTIFICATION Non Hazard <input 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 type="checkbox"/> _____ DAYS RUSH <input type="checkbox"/> _____ DAYS
PROJECT ADDRESS 1400 DAL GRANT DR, LA BREA CA			

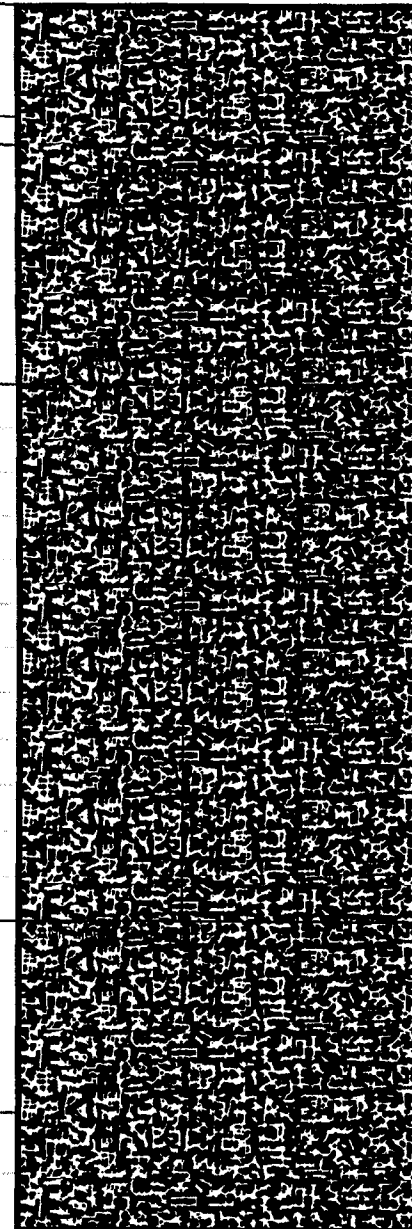
SAMPLER (Name) John S. ...	SAMPLER (Signature)	ANALYSES REQUIRED
LABORATORY M... Watson Lab		VOCs (524)

REPORTS TO BE SENT TO
Mr. Mark Corneil

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (524)	C... ..	C... ..	P104	MS FOR VOCs	MSD FOR VOCs	MSHSD FOR VOCs	GC FOR VOCs
					WATER	SOIL	OTHER (Describe)								
MW-994 107	0800	12/15/85	2	2x40ml	X			X							
MW-994 110	0900	}	5	2x40ml 3x125ml	X			X	X	X	X				
MW-994 118	0920		5	2x40ml 3x125ml	X			X	X	X	X				
MW-994 118	1015		5	2x40ml 3x125ml	X			X	X	X	X				
MW-994 118	1125		5	2x40ml 3x125ml	X			X	X	X	X			X	
MW-994 116	1245		5	2x40ml 2x125ml, 1x250ml	X			X	X	X	X		X		
MW-994 116	1245		2	2x40ml	X							X			
MW-994 116	1245		2	2x40ml	X								X		
MW-994 115	1355		5	1x70ml 3x125ml	X			X	X	X	X				

LABORATORY INSTRUCTIONS/COMMENTS
LEVEL IV QA/QC

RELINQUISHED BY (Signature) John S. ...	DATE 12/15/85	RECEIVED BY (Signature) ...	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 1525	COMPANY ...	COMPANY	TIME	COMPANY

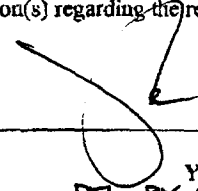


MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: FOSTER WHEELER DATE RECEIVED: 12-15-99


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: 12-15-99
By (print) M. DE LUESA (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: 1 OUTSIDE LID
If yes, enter the following: seal date: 12-15-99 seal name: TTK
- 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: MLO date: 12-15-99

B. LOGIN PHASE

Date samples were logged in: 12-15-99
By (print) M. DE LUESA (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)?
- 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

B BAGS REG ICE
TEMP 5°C



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Laboratory Report

for

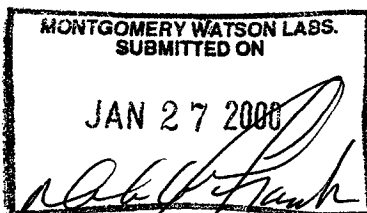
Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

REVISED
TICS



DEB* Debbie Frank

Report#: 61043
JPL



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**Laboratory
 Report
 #61043**

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

Samples Received
 15-dec-1999 16:07:17

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
				MW-994-109 (1912150104)	Sampled on 12/15/99			
Regulated VOCs plus Lists 1&3								
12/22/99	107837	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
12/22/99	107837	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
12/22/99	107837	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
12/22/99	107837	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/22/99	107837	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/22/99	107837	(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	106	% Rec		



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-110 (1912150105)				Sampled on 12/15/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/22/99	107837	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/22/99	107837	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.5	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dichloromethane	0.5	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/22/99	107837	(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	125	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	111	% Rec		



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-069 (1912150106)				Sampled on 12/15/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/16/99	107685	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
 Report
 #61043

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/16/99	107685		(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/16/99	107685		(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	128	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-068 (1912150107)				Sampled on 12/15/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/22/99	107837	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
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 #61043

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/22/99	107837	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/22/99	107837	(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	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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**Laboratory
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 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-067 (1912150108)				Sampled on 12/15/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAF/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/22/99	107837	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
	12/22/99	107837	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	12/22/99	107837	(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	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-066 (1912150109) Sampled on 12/15/99								
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/22/99	107837	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/22/99	107837	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/22/99	107837	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/22/99	107837		(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/22/99	107837		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/22/99	107837		(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	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	107	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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**Laboratory
 Report
 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
MW-994-065 (1912150110)				Sampled on 12/15/99				
	12/24/99	107798	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
12/15/99	12/16/99	107162	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	12/16/99	107168	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
Regulated VOCs plus Lists 1&3								
	12/16/99	107685	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethane	0.9	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	12/16/99	107685	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	12/16/99	107685	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1



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**Laboratory
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 #61043**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MRL	Dilution
12/16/99	107685		(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/E524.2/624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.6	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
12/16/99	107685		(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
12/16/99	107685		(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	132	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		



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Report
Comments
#61043

(QC batch#: 107837)
Test: 112TCA5
QC Type: LCS1
within method limits
Test: FTCME
QC Type: LCS1
within method limits



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Laboratory
 QC Report
 #61043

Foster Wheeler Environmental, Inc

QC Batch #107162

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12130085		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	107	107.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	2.8
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	107	107.0	(77.00 - 119.00)	
MSD	Chromium, Total, ICAP/MS	100	104	104.0	(77.00 - 119.00)	2.8

QC Batch #107168

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	12150108		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.049	98.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.050	100.0	(78.00 - 118.00)	2.0
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.050	100.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.051	102.0	(80.00 - 120.00)	2.0

QC Batch #107685

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.23	105.8	(76.00 - 116.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.92	98.0	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.05	101.2	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.12	103.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.60	90.0	(70.00 - 130.00)	0.28

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Foster Wheeler Environmental, Inc
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LCS1	1,1-Dichloropropene	4	4.13	103.2	(70.00 - 130.00)
MBLK	1,1-Dichloropropene	ND			
LCS1	1,2,3-Trichlorobenzene	4	3.99	99.8	(70.00 - 130.00)
MBLK	1,2,3-Trichlorobenzene	ND			
LCS1	1,2,3-Trichloropropane	4	3.95	98.8	(70.00 - 130.00)
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(76.00 - 114.00)
MBLK	1,2,4-Trichlorobenzene	ND			
LCS1	1,2,4-Trimethylbenzene	4	4.02	100.5	(70.00 - 130.00)
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.39	109.7	(75.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.01	100.2	(77.00 - 122.00)
MBLK	1,2-Dichloropropane	ND			
LCS1	1,3,5-Trimethylbenzene	4	4.00	100.0	(70.00 - 130.00)
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.81	97.6	(70.00 - 130.00)
LCS1	1,3-Dichloropropane	4	4.16	104.0	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.92	98.0	(77.00 - 113.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
LCS1	2,2-Dichloropropane	4	4.27	106.7	(70.00 - 130.00)
MBLK	2,2-Dichloropropane	ND			
LCS1	2-Butanone (MEK)	40	41.9	104.7	(70.00 - 130.00)
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
LCS1	o-Chlorotoluene	4	3.87	96.8	(70.00 - 130.00)
MBLK	o-Chlorotoluene	ND			
LCS1	p-Chlorotoluene	4	3.96	99.0	(70.00 - 130.00)
MBLK	p-Chlorotoluene	ND			
LCS1	4-Methyl-2-Pentanone (MIBK)	40	41.1	102.8	(70.00 - 130.00)
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	1912150109		(0.00 - 0.00)
LCS1	Benzene	4	4.01	100.2	(76.00 - 122.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.05	101.2	(70.00 - 130.00)
MSD	Benzene	4	4.30	107.5	(70.00 - 130.00) 6.0

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Foster Wheeler Environmental, Inc
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LCS1	Bromobenzene	4	3.89	97.2	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	2	2.30	115.0	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.14	103.5	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.03	100.8	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.43	110.8	(70.00 - 130.00)	7.5
LCS1	Carbon Tetrachloride	4	4.18	104.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.55	88.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.14	103.5	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	4.03	100.8	(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	1.76	88.0	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.35	108.7	(70.00 - 130.00)	
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	4.05	101.2	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.64	91.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	2	1.93	96.5	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	2.20	110.0	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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Foster Wheeler Environmental, Inc
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LCS1	Hexachlorobutadiene	4	4.21	105.2	(70.00 - 130.00)	
MBLK	Hexachlorobutadiene	ND				
LCS1	Isopropylbenzene	4	3.98	99.5	(70.00 - 130.00)	
MBLK	Isopropylbenzene	ND				
LCS1	m-Dichlorobenzene (1,3-DCB)	4	4.01	100.2	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.07	100.9	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	3.96	99.0	(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	4.00	100.0	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.08	102.0	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.05	101.2	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.10	102.5	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.03	100.8	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 127.00)	
MBLK	1,2-dichloroethane-d4	100	115	115.0		
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	101	101.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	101	101.0		
MS	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	3.0
LCS1	4-Bromofluorobenzene	100	100	100.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	98	98.0		
MS	4-Bromofluorobenzene	100	112	112.0	(82.00 - 119.00)	

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Foster Wheeler Environmental, Inc
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Method	Analyte	Concentration	Recovery	Yield (%)	Limit Range (%)	RPD (%)
MSD	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	12
LCS1	trans-1,2-Dichloroethylene	4	4.07	101.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.12	103.0	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)	0.42
LCS1	Trichlorotrifluoroethane (Freon)	0.2	0.22	110.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.98	99.5	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Toluene	4	4.34	108.5	(70.00 - 130.00)	5.9
LCS1	Vinyl chloride (VC)	2	1.92	96.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #107798

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 19	12150110		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.1	100.5	(90.00 - 110.00)	6.2
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.0	90.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	18.4	92.0	(75.00 - 125.00)	2.2

QC Batch #107837

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	1,1,1,2-Tetrachloroethane	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.22	105.5	(76.00 - 116.00)	

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MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.37	109.2	(72.00 - 117.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.73	<u>118.3</u>	(71.00 - 116.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.32	108.0	(71.00 - 125.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.53	113.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.59	89.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.60	90.0	(70.00 - 130.00)	0.28
LCS1	1,1-Dichloropropene	4	4.34	108.5	(70.00 - 130.00)	
MBLK	1,1-Dichloropropene	ND				
LCS1	1,2,3-Trichlorobenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	1,2,3-Trichlorobenzene	ND				
LCS1	1,2,3-Trichloropropane	4	4.43	110.8	(70.00 - 130.00)	
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(76.00 - 114.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
LCS1	1,2,4-Trimethylbenzene	4	4.23	105.8	(70.00 - 130.00)	
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.46	111.5	(75.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.62	115.5	(77.00 - 122.00)	
MBLK	1,2-Dichloropropane	ND				
LCS1	1,3,5-Trimethylbenzene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.75	109.4	(70.00 - 130.00)	
LCS1	1,3-Dichloropropane	4	4.52	113.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.26	106.5	(77.00 - 113.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
LCS1	2,2-Dichloropropane	4	4.44	111.0	(70.00 - 130.00)	
MBLK	2,2-Dichloropropane	ND				
LCS1	2-Butanone (MEK)	40	47.4	118.5	(70.00 - 130.00)	
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				

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LCS1	o-Chlorotoluene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	o-Chlorotoluene	ND				
LCS1	p-Chlorotoluene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	p-Chlorotoluene	ND				
LCS1	4-Methyl-2-Pentanone (MIBK)	40	47.3	118.2	(70.00 - 130.00)	
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	1912150109		(0.00 - 0.00)	
LCS1	Benzene	4	4.16	104.0	(76.00 - 122.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.05	101.2	(70.00 - 130.00)	
MSD	Benzene	4	4.30	107.5	(70.00 - 130.00)	6.0
LCS1	Bromobenzene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	Bromobenzene	ND				
LCS1	Bromomethane (Methyl Bromide)	4	5.09	127.2	(70.00 - 130.00)	
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.41	110.2	(75.00 - 124.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.37	109.2	(70.00 - 117.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.11	102.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.43	110.8	(70.00 - 130.00)	7.5
LCS1	Carbon Tetrachloride	4	4.20	105.0	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.93	98.2	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	4.41	110.2	(74.00 - 124.00)	
MBLK	Chloroform (Trichloromethane)	ND				
LCS1	Bromochloromethane	4	4.35	108.7	(70.00 - 130.00)	
MBLK	Bromochloromethane	ND				
LCS1	Chloroethane	4	5.04	126.0	(70.00 - 130.00)	
MBLK	Chloroethane	ND				
LCS1	Chloromethane (Methyl Chloride)	4	2.90	72.5	(70.00 - 130.00)	
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	4.24	106.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
LCS1	Dibromomethane	4	4.53	113.2	(70.00 - 130.00)	

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MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	4.40	110.0	(70.00 - 116.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.13	103.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Dichlorodifluoromethane	4	4.13	103.2	(70.00 - 130.00)	
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	5.14	<u>128.5</u>	(71.00 - 118.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
LCS1	Hexachlorobutadiene	4	4.00	100.0	(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	4.23	105.8	(70.00 - 130.00)	
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	8.27	103.4	(74.00 - 116.00)	
MBLK	m,p-Xylenes	ND				
LCS1	Naphthalene	4	4.25	106.2	(70.00 - 130.00)	
MBLK	Naphthalene	ND				
LCS1	n-Butylbenzene	4	4.05	101.2	(70.00 - 130.00)	
MBLK	n-Butylbenzene	ND				
LCS1	n-Propylbenzene	4	4.19	104.8	(70.00 - 130.00)	
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.25	106.2	(72.00 - 118.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.03	100.8	(76.00 - 114.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.19	104.8	(71.00 - 115.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	p-Isopropyltoluene	4	4.26	106.5	(70.00 - 130.00)	
MBLK	p-Isopropyltoluene	ND				
LCS1	sec-Butylbenzene	4	4.15	103.8	(70.00 - 130.00)	
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	4.28	107.0	(70.00 - 130.00)	
MBLK	Styrene	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
 #61043

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,2-dichloroethane-d4	100	109	109.0	(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	108	108.0	(80.00 - 127.00)	3.6
LCS1	Toluene-d8	100	105	105.0	(91.00 - 107.00)	
MBLK	Toluene-d8	100	96	96.0		
MS	Toluene-d8	100	99	99.0	(91.00 - 107.00)	
MSD	Toluene-d8	100	102	102.0	(91.00 - 107.00)	3.0
LCS1	4-Bromofluorobenzene	100	98	98.0	(82.00 - 119.00)	
MBLK	4-Bromofluorobenzene	100	93	93.0		
MS	4-Bromofluorobenzene	100	112	112.0	(82.00 - 119.00)	
MSD	4-Bromofluorobenzene	100	99	99.0	(82.00 - 119.00)	12
LCS1	trans-1,2-Dichloroethylene	4	4.30	107.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
LCS1	tert-Butylbenzene	4	4.17	104.2	(70.00 - 130.00)	
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.38	109.5	(72.00 - 117.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)	0.42
LCS1	Trichlorotrifluoroethane (Freon	4	4.71	117.8	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.38	109.5	(74.00 - 117.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Toluene	4	4.34	108.5	(70.00 - 130.00)	5.9
LCS1	Vinyl chloride (VC)	4	3.46	86.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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