

**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
#52286

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

Samples Received
02-mar-1999 17:14:57

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-088 (990302172) Sampled on 03/02/99								
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/02/99	92786	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/09/99	93783	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

**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
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/09/99	93783	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 5400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory
Report
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	92	% Rec		
			(Surrogate)	4-Bromofluorobenzene	111	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-991-089 (990302173)

Sampled on 03/02/99

Regulated VOCs plus Lists 1&3

03/09/99	93783	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/09/99	93783	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/09/99	93783	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
03/09/99	93783	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1



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
#52286**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/09/99	93783	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/09/99	93783	(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	94	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

**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
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-074 (990302174)				Sampled on 03/02/99				
	03/09/99	93281	(ML/SM2320B)	Alkalinity	127	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	2.90	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	2.53	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.06	meq/l	0.0010	1
	03/03/99	93306	(ML/EPA 300)	Chloride	10	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	23.7	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/02/99	92786	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/05/99	92954	(ML/S2510B)	Specific Conductance	315	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1100	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	145	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	ND	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	ND	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	67.4	mg/l	1.0	1
	03/03/99	93308	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM4500B-B)	Lab pH	9.4	Units	0.0010	1
	03/03/99	93311	(ML/EPA 300.0)	Sulfate	3.7	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	210	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/09/99	93783	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/09/99	93783	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/09/99	93783	(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	93	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-991-075 (990302175)**Sampled on 03/02/99**

	03/09/99	93281	(ML/SM2320B)	Alkalinity	151	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.69	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	18.6	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.70	meq/l	0.0010	1
	03/03/99	93306	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	2.99	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/02/99	92786	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/05/99	92954	(ML/S2510B)	Specific Conductance	350	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	540	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	183	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	1.96	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	8.70	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	46.0	mg/l	1.0	1
	03/03/99	93308	(ML/EPA 300.0)	Nitrate-N by IC	0.21	mg/l	0.10	1

**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
#52286**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM4500H-B)	Lab pH	8.4	Units	0.0010	1
	03/03/99	93311	(ML/EPA 300.0)	Sulfate	15	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	220	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/09/99	93783	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/09/99	93783	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

**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
 #52286**
**Foster Wheeler Environmental, Inc
 (continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/09/99	93783	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/09/99	93783	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/09/99	93783	(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	93	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

**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
QC Report
#52286

Foster Wheeler Environmental, Inc

QC Batch #92786**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302175		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0484	96.8	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(80.00 - 120.00)	2.4

QC Batch #92954**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0303081		(0.00 - 0.00)	

QC Batch #93064**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	0.99
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	97	97.0	(70.00 - 130.00)	2.1

QC Batch #93066**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	21.0	105.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.8	109.0	(85.00 - 115.00)	3.7
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.4	102.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	19.4	97.0	(70.00 - 130.00)	5.0

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**

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
QC Report
#52286**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93067****Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	532	106.4	(85.00 - 115.00)	7.0
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	300	<u>60.0</u>	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	527	105.4	(70.00 - 130.00)	55

QC Batch #93071**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93077**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.4	94.8	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.9	95.8	(85.00 - 115.00)	1.0
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.2	96.4	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.83

QC Batch #93081**Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.6	98.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 110.00)	1.5
MBLK	Potassium, Total, ICAP	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.

**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
 QC Report
 #52286

Foster Wheeler Environmental, Inc
 (continued)

MS	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	0.00

QC Batch #93084**Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	0.00

QC Batch #93087**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.0	100.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	1.8
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	46.8	93.6	(70.00 - 130.00)	2.5

QC Batch #93112**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0201	100.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0199	99.5	(85.00 - 115.00)	1.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0201	100.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0199	99.5	(70.00 - 130.00)	1.00

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
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
QC Report
#52286**

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93180

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304033		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	676	96.6	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93281

Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304125		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	83.0	86.3	(80.00 - 120.00)	4.7

QC Batch #93306

Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Chloride	25	23.7	94.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.3	101.2	(90.00 - 110.00)	6.5
MBLK	Chloride	ND				
MS	Chloride	25	28.3	113.2	(80.00 - 120.00)	
MSD	Chloride	25	28.3	113.2	(80.00 - 120.00)	0.00

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**

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
QC Report
#52286**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93308****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.35	94.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.50	100.0	(90.00 - 110.00)	6.2
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.74	109.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.75	110.0	(80.00 - 120.00)	0.36

QC Batch #93311**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Sulfate	50	47.1	94.2	(90.00 - 110.00)	
LCS2	Sulfate	50	50.2	100.4	(90.00 - 110.00)	6.4
MBLK	Sulfate	ND				
MS	Sulfate	50	56.7	113.4	(80.00 - 120.00)	
MSD	Sulfate	50	56.6	113.2	(80.00 - 120.00)	0.18

QC Batch #93470**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301250		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.3	96.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	3.1
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	0.97

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**

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
QC Report
#52286

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93783**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.96	99.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.85	96.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.83	95.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.14	78.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.12	103.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	28
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.82	95.5	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.05	101.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.50	93.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.07	101.8	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	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.



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
QC Report
#52286**

**Foster Wheeler Environmental, Inc
(continued)**

MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0303079		(0.00 - 0.00)	
LCS1	Benzene	4	4.02	100.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	4.02	100.0	(70.00 - 130.00)	
MSD	Benzene	4	3.70	92.5	(70.00 - 130.00)	8.3
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.21	105.2	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.95	98.8	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.87	96.8	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.82	95.5	(70.00 - 130.00)	1.3
LCS1	Carbon Tetrachloride	4	3.79	94.8	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.04	76.0	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.97	99.2	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.84	96.0	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	2.99	74.8	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.11	102.8	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.64	82.0	(70.00 - 130.00)	
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.



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
QC Report
#52286**

**Foster Wheeler Environmental, Inc
(continued)**

MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.88	98.5	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	4.03	100.8	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.74	93.5	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.97	99.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	103	103.0		
MS	1,2-dichloroethane-d4	100	105	105.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	0.95
LCS1	Toluene-d8	100	100	100.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	97.4	97.4		
MS	Toluene-d8	100	96.3	96.3	(80.00 - 120.00)	
MSD	Toluene-d8	100	99.2	99.2	(80.00 - 120.00)	3.0
LCS1	4-Bromofluorobenzene	100	103	103.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	97.5	97.5		
MS	4-Bromofluorobenzene	100	105	105.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	3.9
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.93	98.2	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.79	119.8	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	1.5

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**

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
QC Report
#52286****Foster Wheeler Environmental, Inc
(continued)**

LCS1	Trichlorotrifluoroethane (Freon	2	1.71	85.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.14	103.5	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.95	98.8	(70.00 - 130.00)	
MSD	Toluene	4	3.80	95.0	(70.00 - 130.00)	3.9
LCS1	Vinyl chloride (VC)	2	1.65	82.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	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.



MONTGOMERY WATSON LABORATORIES

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

March 28, 1999

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

Attention: Mark Cutler

Re: Report # 52303 (MW-991-090, MW-991-076, MW-991-091 MW-991-077, MW-991-078)

Dear Mark,

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

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

(Fe) The MS for Iron by 200.8 does not meet acceptance criteria of +30, at 60%. RPD of the MS/MSD does not meet acceptance criteria. A sample not reported on this report was used for the MS/MSD. The blank and the LCS pair are acceptable. The results for these samples are reported without qualifications.

Samples requiring dilution (with increased MRL's):

MW-991-076 was diluted for Chloroform.

Method blanks with compounds detected:

None

Other Comments:

Carbon Tetrachloride was detected in sample ID: MW-991-076

Chloroform was detected in sample ID: MW-991-076

Trichloroethylene was detected in sample ID: MW-991-076

Trichlorotrifluoroethane was detected in sample ID: MW-991-076

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52303
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/03/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990303078	MW-991-90	@EBASVOA	Water	03/03/99
990303079	MW-991-076	@EBASVOA CR-VI PB-EBAS TDS CATION1 ANION1 CO3 ALK NO3 K NA MG	Water	03/03/99
990303080	MW-991-091	@EBASVOA AS-EBAS CR-EBAS CR-VI PB-EBAS	Water	03/03/99
990303081	MW-991-077	@EBASVOA CR-VI PB-EBAS TDS CATION1 ANION1 CO3 ALK NO3 K NA MG	Water	03/03/99
990303082	MW-991-078	@EBASVOA CR-VI PB-EBAS TDS CATION1 ANION1 CO3 ALK NO3 K NA MG	Water	03/03/99

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52303
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



TEMP. 6-15 NUMBER 2001

S.C.F.D.M.

52303

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0268		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS									
PROJECT ADDRESS 4800 Oak Grove Dr. Pasadena, CA				ANALYSES REQUIRED											
SAMPLER (Name) Robert J. Wheeler		SAMPLER (Signature) [Signature]		VOC (5742)											
LABORATORY Montgomery Watson Labs				TOLUENE, Pb											
REPORTS TO BE SENT TO Mr. Mark Cutler				Major Anions											
				Heavy Metals											
				MS for VOC											
				MS for VOC											
				MS/MSD for Metals											
				GC for GC											
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOC (5742)	TOLUENE, Pb	Major Anions	Heavy Metals	MS for VOC	MS for VOC	MS/MSD for Metals	GC for GC
					WATER	SOIL	OTHER (Describe)								
MW-991-90	720	3/3/99	2	40 mL	X			X							
MW-991-076	0800		6	2x40mL 1x125mL 1x125mL 1x125mL	X			X	X	X	X				
MW-991-076ms	800		2	40mL	X			X				X			
MW-991-076msl	800		2	40mL	X			X				X			
MW-991-076msl/as	800		1	250mL	X			X					X		
MW-991-091	930		5	2x40mL 1x125mL 1x125mL	X			X	X	X	X				
MW-991-077	1000		6	2x40mL 1x125mL 1x125mL 1x125mL	X			X	X	X	X				
MW-991-078	1115		6		X			X			X				X
(120)															
LABORATORY INSTRUCTIONS/COMMENTS Level IV QA/QC															
RELINQUISHED BY (Signature) [Signature]		DATE 3-3-99	RECEIVED BY (Signature) [Signature]		RELINQUISHED BY (Signature) [Signature]		DATE 3-3-99	RECEIVED BY (Signature) [Signature]							
COMPANY Foster Wheeler		TIME 1:25	COMPANY Foster Wheeler		COMPANY		TIME	COMPANY							

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSEZC Date Received: 3-3-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-3-99
by (print) Mike Chhuan (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No
If YES, attach & enter carrier and air bill # here: _____

2. Were custody seals on outside of cooler? Yes ☒ No
If YES, how many & where: Cooler was in custody of samples until
If Yes, enter the following: seal date: _____, seal name: [Signature]

3. Were custody seals unbroken & intact at delivery? Yes No ☒ Yes
debaug to Hertz login personnel

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MC (date) 3-3-99

B. LOG-IN PHASE: Date samples were logged-in: 3-3-99 by:
(print) M. DE ROSA (sign) [Signature]

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/in good condition? ☒ Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? ☒ Yes No

14. Did all bottle labels agree with custody papers?
If NO, indicate discrepancies 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

Report Summary of positive results, PR52303

			Result	MDL	UNITS
Analyzed	990303078	MW-991-90			
Analyzed	990303079	MW-991-076			
03/10/99	Carbon Tetrachloride		4.5	.500	UGL
03/10/99	Chloroform (Trichloromethane)		42	1.250	UGL
03/10/99	Trichloroethylene (TCE)		1.3	.500	UGL
03/10/99	Trichlorotrifluoroethane (Freon		0.9	.500	UGL
03/09/99	Alkalinity		149	2.000	MGL
03/12/99	Anion Sum		4.41	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ ,calculated		181	.001	MGL
03/08/99	Calcium, Total, ICAP		26.0	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		2.95	.001	MGL
03/12/99	Cation Sum		4.33	.001	MEQL
03/03/99	Chloride		22	1.000	MGL
03/05/99	Iron, Total, ICAP/MS		130	*****	UGL
03/08/99	Lab pH		8.4	.001	UNIT
03/08/99	Magnesium, Total, ICAP		14.0	1.000	MGL
03/08/99	Potassium, Total, ICAP		3.01	1.000	MGL
03/08/99	Sodium, Total, ICAP		41.5	1.000	MGL
03/05/99	Specific Conductance		425	4.000	UMHO
03/03/99	Sulfate		39	2.000	MGL
3/08/99	Total Dissolved Solid (TDS)		240	10.000	MGL
Analyzed	990303080	MW-991-091			
Analyzed	990303081	MW-991-077			
03/09/99	Alkalinity		185	2.000	MGL
03/12/99	Anion Sum		4.92	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ ,calculated		225	.001	MGL
03/08/99	Calcium, Total, ICAP		47.8	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		1.16	.001	MGL
03/12/99	Cation Sum		4.95	.001	MEQL
03/03/99	Chloride		11	1.000	MGL
03/05/99	Iron, Total, ICAP/MS		440	*****	UGL
03/08/99	Lab pH		7.9	.001	UNIT
03/08/99	Magnesium, Total, ICAP		19.4	1.000	MGL
03/03/99	Nitrate-N by IC		0.79	.100	MGL
03/08/99	Potassium, Total, ICAP		2.70	1.000	MGL
03/08/99	Sodium, Total, ICAP		20.5	1.000	MGL
03/05/99	Specific Conductance		450	4.000	UMHO
03/03/99	Sulfate		41	2.000	MGL
03/08/99	Total Dissolved Solid (TDS)		290	10.000	MGL
Analyzed	990303082	MW-991-078			
03/09/99	Alkalinity		149	2.000	MGL
03/12/99	Anion Sum		3.70	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ ,calculated		182	.001	MGL
03/08/99	Calcium, Total, ICAP		37.6	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		0.593	.001	MGL
03/12/99	Cation Sum		3.76	.001	MEQL
03/03/99	Chloride		7	1.000	MGL

03/05/99	Iron, Total, ICAP/MS	1100	*****	UGL
03/08/99	Lab pH	7.7	.001	UNIT
03/08/99	Magnesium, Total, ICAP	12.9	1.000	MGL
03/03/99	Nitrate-N by IC	0.56	.100	MGL
03/08/99	Potassium, Total, ICAP	2.41	1.000	MGL
03/08/99	Sodium, Total, ICAP	17.3	1.000	MGL
03/05/99	Specific Conductance	350	4.000	UMHO
03/03/99	Sulfate	23	2.000	MGL
03/08/99	Total Dissolved Solid (TDS)	200	10.000	MGL



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

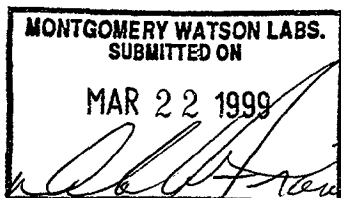
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52303
JPL



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
#52303**

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

Samples Received
03-mar-1999 13:30:37

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-90 (990303078)				Sampled on 03/03/99				
Regulated VOCs plus Lists 1&3								
03/10/99	93780	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/10/99	93780	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/10/99	93780	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/10/99	93780	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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****#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detectable	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-076 (990303079) Sampled on 03/03/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	149	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	4.41	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	26.0	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	4.33	meq/l	0.0010	1
	03/03/99	93306	(ML/EPA 300)	Chloride	22	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	2.95	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/03/99	92829	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/05/99	92954	(ML/S2510B)	Specific Conductance	425	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	130	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	181	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	3.01	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	14.0	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	41.5	mg/l	1.0	1
	03/03/99	93308	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM4500K-B)	Lab pH	8.4	Units	0.0010	1
	03/03/99	93311	(ML/EPA 300.0)	Sulfate	39	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	240	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/10/99	93780	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Carbon Tetrachloride	4.5	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroform (Trichloromethane)	42	ug/l	1.2	2.5
	03/10/99	93780	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichloroethylene (TCE)	1.3	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.9	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	98	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-991-091 (990303080) Sampled on 03/03/99

03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/03/99	92829	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/10/99	93780	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/99	93780	(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	100	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

MW-991-077 (990303081) Sampled on 03/03/99

	03/09/99	93281	(ML/SM2320B)	Alkalinity	185	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	4.92	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	47.8	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	4.95	meq/l	0.0010	1
	03/03/99	93306	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.16	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/03/99	92829	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/05/99	92954	(ML/S2510B)	Specific Conductance	450	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	440	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	225	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.70	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	19.4	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	20.5	mg/l	1.0	1

**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
 #52303**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/03/99	93308	(ML/EPA 300.0)	Nitrate-N by IC	0.79	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM4500H-B)	Lab pH	7.9	Units	0.0010	1
	03/03/99	93311	(ML/EPA 300.0)	Sulfate	41	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	290	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/10/99	93780	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	103	µg Rec		
			(Surrogate)	4-Bromofluorobenzene	97	µg Rec		
			(Surrogate)	Toluene-d8	97	µg Rec		

**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
 #52303**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-078 (990303082)					Sampled on 03/03/99			
	03/09/99	93281	(ML/SM2320B)	Alkalinity	149	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.70	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	37.6	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.76	meq/l	0.0010	1
	03/03/99	93306	(ML/EPA 300)	Chloride	7	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.593	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/03/99	92829	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/05/99	92958	(ML/S2510B)	Specific Conductance	350	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1100	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	182	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.41	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.9	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	17.3	mg/l	1.0	1
	03/03/99	93308	(ML/EPA 300.0)	Nitrate-N by IC	0.56	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM4500B-B)	Lab pH	7.7	Units	0.0010	1
	03/03/99	93311	(ML/EPA 300.0)	Sulfate	23	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/10/99	93780	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
 #52303**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/10/99	93780	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52303**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93780	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/99	93780	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/99	93780	(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	92	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

**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)

Report
Comments
#52303

Group Comments

(524.2) Freon 113 detected in sample#990303079 could be due to laboratory contamination. GG 3/20/99.



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
QC Report
#52303**

Foster Wheeler Environmental, Inc

QC Batch #92829

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0303082		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0516	103.2	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0516	103.2	(80.00 - 120.00)	0.00

QC Batch #92954

Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0303081		(0.00 - 0.00)	

QC Batch #92958

Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304069		(0.00 - 0.00)	

QC Batch #93064

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	0.99
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	97	97.0	(70.00 - 130.00)	2.1

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**

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
QC Report
#52303**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93066****Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	21.0	105.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.8	109.0	(85.00 - 115.00)	3.7
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.4	102.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	19.4	97.0	(70.00 - 130.00)	5.0

QC Batch #93067**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	532	106.4	(85.00 - 115.00)	7.0
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	300	<u>60.0</u>	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	527	105.4	(70.00 - 130.00)	55

QC Batch #93071**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93077**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.4	94.8	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.9	95.8	(85.00 - 115.00)	1.0
MBLK	Calcium, Total, ICAP	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.



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
QC Report
#52303**

Foster Wheeler Environmental, Inc
(continued)

MS	Calcium, Total, ICAP	50	48.2	96.4	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.83

QC Batch #93081

Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.6	98.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 110.00)	1.5
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	0.00

QC Batch #93084

Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	0.00

QC Batch #93087

Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.0	100.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	1.8
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	46.8	93.6	(70.00 - 130.00)	2.5

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**

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**QC Report****#52303**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93112****Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0201	100.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0199	99.5	(85.00 - 115.00)	1.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0201	100.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0199	99.5	(70.00 - 130.00)	1.00

QC Batch #93180**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304033		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	676	96.6	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93281**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304125		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	83.0	86.3	(80.00 - 120.00)	4.7

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**

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**QC Report****#52303**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93306****Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Chloride	25	23.7	94.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.3	101.2	(90.00 - 110.00)	6.5
MBLK	Chloride	ND				
MS	Chloride	25	28.3	113.2	(80.00 - 120.00)	
MSD	Chloride	25	28.3	113.2	(80.00 - 120.00)	0.00

QC Batch #93308**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.35	94.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.50	100.0	(90.00 - 110.00)	6.2
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.74	109.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.75	110.0	(80.00 - 120.00)	0.36

QC Batch #93311**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301252		(0.00 - 0.00)	
LCS1	Sulfate	50	47.1	94.2	(90.00 - 110.00)	
LCS2	Sulfate	50	50.2	100.4	(90.00 - 110.00)	6.4
MBLK	Sulfate	ND				
MS	Sulfate	50	56.7	113.4	(80.00 - 120.00)	
MSD	Sulfate	50	56.6	113.2	(80.00 - 120.00)	0.18

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
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
QC Report
#52303**

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93470

Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301250		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.3	96.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	3.1
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	0.97

QC Batch #93780

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.49	87.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.66	91.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.54	88.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.44	86.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	2.85	71.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.12	103.0	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	28
MBLK	1,1-Dichloropropane	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.65	91.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	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.

**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
QC Report
#52303

Foster Wheeler Environmental, Inc
(continued)

LCS1	1,2-Dichloropropane	4	3.66	91.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.70	83.8	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.79	94.8	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	o-Chlorotoluene	ND			
MBLK	p-Chlorotoluene	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
MS	Spiked sample	Lab # 99	0303079		(0.00 - 0.00)
LCS1	Benzene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MS	Benzene	4	4.02	100.5	(70.00 - 130.00)
MSD	Benzene	4	3.70	92.5	(70.00 - 130.00) 8.3
MBLK	Bromobenzene	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.82	95.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
LCS1	Chlorobenzene	4	3.56	89.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
MS	Chlorobenzene	4	3.87	96.8	(70.00 - 130.00)
MSD	Chlorobenzene	4	3.82	95.5	(70.00 - 130.00) 1.3
LCS1	Carbon Tetrachloride	4	3.44	86.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	8	6.80	85.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	3.63	90.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	3.37	84.2	(70.00 - 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.

**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
QC Report
#52303****Foster Wheeler Environmental, Inc
(continued)**

MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.45	86.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	8.47	105.9	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.71	92.8	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.84	92.0	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.19	89.9	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.64	91.0	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.63	90.8	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.51	87.8	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.49	87.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	97.7	97.7	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	108	108.0		
MS	1,2-dichloroethane-d4	100	105	105.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	0.95
LCS1	Toluene-d8	100	96.6	96.6	(80.00 - 120.00)	
MBLK	Toluene-d8	100	108	108.0		
MS	Toluene-d8	100	96.3	96.3	(80.00 - 120.00)	
MSD	Toluene-d8	100	99.2	99.2	(80.00 - 120.00)	3.0

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**

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
QC Report
#52303

Foster Wheeler Environmental, Inc
(continued)

LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	99.9	99.9		
MS	4-Bromofluorobenzene	100	105	105.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	3.9
LCS1	trans-1,2-Dichloroethylene	4	3.70	92.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.48	87.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.79	119.8	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)	1.5
LCS1	Trichlorotrifluoroethane (Freon	2	2.37	118.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.68	92.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.95	98.8	(70.00 - 130.00)	
MSD	Toluene	4	3.80	95.0	(70.00 - 130.00)	3.9
LCS1	Vinyl chloride (VC)	2	1.64	82.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	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.



MONTGOMERY WATSON LABORATORIES

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 7, 1999

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

Attention: Mark Cutler

Re: Report # 52351 (MW-991-043, MW-991-044, MW-991-045,
MW-991-046, MW-991-047, -MW-991-092, MW-991-093)

Dear Mark,

Enclosed please find data deliverables for the recent JPL project.
This letter is revised. Please file with the original report
submitted. A detailed quality control (QC) summary follows:

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

(FE) The Matrix Spike for Iron recovered below the MWL acceptance
criterion of 70-130, at 60%. None of the samples reported
with this report group are used for the MS/MSD. Results are
reported without qualification.

Samples requiring dilution (with increased MRL's):

MW-991-047, -046, and -045 were diluted for Anions.

Method blanks with compounds detected:

Freon 113 (Trichlorotrifluoroethane) was detected in the blank for
QC batch 93577. Associated samples are flagged with a B.

Other Comments:

None

Analytes:

1,1-Dichloroethane was detected in MW-991-046, -047
Chloroform was detected in MW-991-045, -046, -047
Tetrachloroethylene was detected in MW-991-045, -046, -047
Trichloroethylene was detected in MW-991-046
Trichlorotrifluoroethane was detected in MW-991-043, -044, -045, -
046, -047, -092, -093
Perchlorate was detected in MW-991-045, -046, -047

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52351
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/04/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990304121	MW-991-043	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/04/99
990304122	MW-991-044	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/04/99
990304123	MW-991-045	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/04/99
990304124	MW-991-046	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/04/99
990304125	MW-991-047	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/04/99
990304126	MW-991-092	@EBASVOA	Water	03/04/99
990304127	MW-991-093	@EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4	Water	03/04/99

Test Acronym Description

Test Acronym	Description
--------------	-------------

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52351
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

52351, 52

NUMBER 2 2

TEMP = 4-11

REG ICE STILL OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE | OF

PROJECT JPL		OFS NO. 1572,0268		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☐ _____ DAYS RUSH ☐ _____ DAYS											
PROJECT ADDRESS 4800 Oak Grove Dr Pasadena, CA																	
SAMPLER (Name) Robert F. Feltman		SAMPLER (Signature) <i>Robert F. Feltman</i>		ANALYSES REQUIRED													
LABORATORY Montgomery Watson Labs																	
REPORTS TO BE SENT TO Mr. Mark Cutler																	
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOC (5242)	Total A.C.P.H.	Major Ions 5410	Heavy Metals	C10g (Pesticides)	Asbestos (AT)	Lead (Pb)	Cadmium (Cd)	Chromium (Cr)	
					WATER	SOIL	OTHER (Describe)										
MW-991-093	1135	3/1/99	6	2 x 40 mL 1 x 50 mL	X			X	X	X	X	X					
MW-991-094			6		X			X	X	X	X	X				X	
MW-991-095	1210		6		X			X	X	X	X	X					
	1415		1														
MW-991-092	1100		2	2 x 40 mL	X			X									
MW-991-093	1215		5	1 x 40 mL 1 x 50 mL 1 x 75 mL	X			X	X		X	X					
LABORATORY INSTRUCTIONS/COMMENTS Level IV QA/QC																	
RELINQUISHED BY (Signature) <i>Robert F. Feltman</i>		DATE 3/1/99		RECEIVED BY (Signature) <i>[Signature]</i>		RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)		DATE		RECEIVED BY (Signature)		DATE	
COMPANY Montgomery Watson		TIME 320		COMPANY M.W.		COMPANY		TIME		COMPANY		TIME		COMPANY		TIME	



NUMBER 2727

FOSTER WHEELER ENVIRONMENTAL CORPORATION

SP 52352

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE OF

PROJECT JPL		OFS NO. 1572.0268		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS											
PROJECT ADDRESS 4800 OAK GROVE DR PASADENA, CA				SAMPLER (Name) Henry D. Krayanetsu				SAMPLER (Signature) Henry D. Krayanetsu									
LABORATORY MONTGOMERY WATSON LABS				ANALYSES REQUIRED													
REPORTS TO BE SENT TO Mark Cutler				Perchlorate													
SAMPLE NUMBER		TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL											
						WATER	SOIL					OTHER (Describe)					
150-A		1330	3/4/99	1	150 ml	X							X				
END																	
LABORATORY INSTRUCTIONS/COMMENTS LI-UL-L IV QA/QC																	
RELINQUISHED BY (Signature) R.T. Fyfe		DATE 3/4/99	RECEIVED BY (Signature) M. D. ...		RELINQUISHED BY (Signature)		DATE	RECEIVED BY (Signature)									
COMPANY Foster Wheeler		TIME 3:20	COMPANY		COMPANY		TIME	COMPANY									

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 3-4-99
 Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-4-99
 by (print) MARTIN L. DE MESA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
 If YES, attach & enter carrier and air bill # here: DELIVERED BY CLIENT

2. Were custody seals on outside of cooler? Yes No
 If YES, how many & where: Cooler was in the possession of the samples
 If Yes, enter the following: seal date: until delivery to Hw Labs, seal name: Login personally

3. Were custody seals unbroken & intact at delivery? Yes No N/A

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MLD (date) 3-4-99

B. LOG-IN PHASE: Date samples were logged-in: 3-4-99 by:
 (print) MARTIN L. DE MESA (sign) [Signature]

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/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No

14. Did all bottle labels agree with custody papers?
 If NO, indicate discrepancies 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

✓ Debb

QUALITY INVESTIGATION REPORT

Analysis Date: 3/11/99
 Extraction Date: NA
 Analyst: Cecilia Lei

QIR No. MS-99-031
 Analysis: 524 (@EASVDA)
 Matrix: 1
 Instrument ID: GCMS-H

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
990304121	MW-991-093	Ensurch	990304126	MW-991-092	Ensurch
122	-014	↓	127	-093	↓
123	-045				
124	-046				
125	-047	✓			

Brief Description: (include reason for non-compliance)

Freon 113 detected above MRL in method blank
 (at 0.6 ppb) (0.5 ppb)

Freon 113 detected ~~at~~ in all samples due to
 lab. contamination from West Chem. Lab.

Action Taken:

Samples analyzed to meet HT.
 Rich Armano (Data Validator) was informed on 3/12/99 by
 Linda Hedges of this problem. Since Freon 113 has an MCL
 10 ppb in California, he thinks data will NOT be rejected

Impact on Data Quality:

(P.M. should document problem in case narra

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

Client Contact: mssg M. Cutler 3/16/99 d to initiate report per M.C. 31

Extraction: Cecilia Lei
 Analyst: Theresa Aguiar
 Group Leader: Theresa Aguiar
 QA Coordinator: Theresa Aguiar
 Project Manager: Theresa Aguiar

Date: 3/13/99
 Date: 3/16/99
 Date: 3/17/99
 Date: 3/16/99

PROPERTY OF MONTGOMERY WATSON LABORATORIES

and C.M. to Ders for Case Narrative

Report Summary of positive results, PR52351

		Result	MDL	UNITS
Analyzed	990304121	MW-991-043		
03/11/99	Trichlorotrifluoroethane(Freon	0.6B	.500	UGL
03/09/99	Alkalinity	133	2.000	MGL
03/12/99	Anion Sum	3.20	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	160	.001	MGL
03/08/99	Calcium, Total, ICAP	15.2	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	5.21	.001	MGL
03/12/99	Cation Sum	3.29	.001	MEQL
03/05/99	Chloride	7.9	1.000	MGL
03/05/99	Iron, Total, ICAP/MS	500	*****	UGL
03/08/99	Lab pH	8.7	.001	UNIT
03/08/99	Magnesium, Total, ICAP	12.3	1.000	MGL
03/05/99	Nitrate-N by IC	0.11	.100	MGL
03/08/99	Potassium, Total, ICAP	2.19	1.000	MGL
03/08/99	Sodium, Total, ICAP	33.6	1.000	MGL
03/09/99	Specific Conductance	305	4.000	UMHO
03/05/99	Sulfate	15	2.000	MGL
03/08/99	Total Dissolved Solid (TDS)	180	10.000	MGL
Analyzed	990304122	MW-991-044		
03/11/99	Trichlorotrifluoroethane(Freon	0.6B	.500	UGL
03/09/99	Alkalinity	184	2.000	MGL
03/19/99	Anion Sum	5.27	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	224	.001	MGL
03/08/99	Calcium, Total, ICAP	53.4	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	1.16	.001	MGL
03/12/99	Cation Sum	5.52	.001	MEQL
03/06/99	Chloride	37	1.000	MGL
03/05/99	Iron, Total, ICAP/MS	210	*****	UGL
03/08/99	Lab pH	7.9	.001	UNIT
03/08/99	Magnesium, Total, ICAP	19.0	1.000	MGL
03/06/99	Nitrate-N by IC	11(E)	.100	MGL
03/08/99	Potassium, Total, ICAP	2.08	1.000	MGL
03/08/99	Sodium, Total, ICAP	28.4	1.000	MGL
03/09/99	Specific Conductance	535	4.000	UMHO
03/06/99	Sulfate	26	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	330	10.000	MGL
Analyzed	990304123	MW-991-045		
03/11/99	Chloroform (Trichloromethane)	0.5	.500	UGL
03/11/99	Tetrachloroethylene (PCE)	0.5	.500	UGL
03/11/99	Trichlorotrifluoroethane(Freon	0.6B	.500	UGL
03/09/99	Alkalinity	206	2.000	MGL
03/12/99	Anion Sum	10.2	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	251	.001	MGL
03/08/99	Calcium, Total, ICAP	98.3	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	1.03	.001	MGL
03/12/99	Cation Sum	10.2	.001	MEQL
03/06/99	Chloride	90	2.000	MGL
03/08/99	Lab pH	7.8	.001	UNIT
03/08/99	Magnesium, Total, ICAP	42.8	1.000	MGL
03/06/99	Nitrate-N by IC	14.9	.200	MGL
03/15/99	Perchlorate	5.9	4.000	UGL

03/08/99	Potassium, Total, ICAP	2.91	1.000	MGL
03/08/99	Sodium, Total, ICAP	38.9	1.000	MGL
03/09/99	Specific Conductance	950	4.000	UMHO
03/06/99	Sulfate	120	4.000	MGL
03/11/99	Total Dissolved Solid (TDS)	540	10.000	MGL

Analyzed 990304124 MW-991-046

03/11/99	1,1-Dichloroethane	0.7	.500	UGL
03/11/99	Chloroform (Trichloromethane)	0.6	.500	UGL
03/11/99	Tetrachloroethylene (PCE)	1.6	.500	UGL
03/11/99	Trichloroethylene (TCE)	0.9	.500	UGL
03/11/99	Trichlorotrifluoroethane (Freon)	0.6B	.500	UGL
03/09/99	Alkalinity	254	2.000	MGL
03/12/99	Anion Sum	12.8	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	310	.001	MGL
03/08/99	Calcium, Total, ICAP	139	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	0.802	.001	MGL
03/12/99	Cation Sum	12.8	.001	MEQL
03/06/99	Chloride	110	2.000	MGL
03/05/99	Iron, Total, ICAP/MS	330	*****	UGL
03/08/99	Lab pH	7.6	.001	UNIT
03/08/99	Magnesium, Total, ICAP	52.3	1.000	MGL
03/06/99	Nitrate-N by IC	15.7	.200	MGL
03/15/99	Perchlorate	4.2	4.000	UGL
03/08/99	Potassium, Total, ICAP	2.67	1.000	MGL
03/08/99	Sodium, Total, ICAP	34.7	1.000	MGL
03/09/99	Specific Conductance	1180	4.000	UMHO
03/06/99	Sulfate	170	4.000	MGL
03/11/99	Total Dissolved Solid (TDS)	700	10.000	MGL

Analyzed 990304125 MW-991-047

03/11/99	1,1-Dichloroethane	1.2	.500	UGL
03/11/99	Chloroform (Trichloromethane)	0.6	.500	UGL
03/11/99	Tetrachloroethylene (PCE)	0.8	.500	UGL
03/11/99	Trichlorotrifluoroethane (Freon)	0.6B	.500	UGL
03/09/99	Alkalinity	226	2.000	MGL
03/12/99	Anion Sum	13.2	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	276	.001	MGL
03/08/99	Calcium, Total, ICAP	144	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	0.226	.001	MGL
03/12/99	Cation Sum	13.3	.001	MEQL
03/06/99	Chloride	120	2.000	MGL
03/05/99	Iron, Total, ICAP/MS	730	*****	UGL
03/08/99	Lab pH	7.1	.001	UNIT
03/08/99	Magnesium, Total, ICAP	48.6	1.000	MGL
03/06/99	Nitrate-N by IC	18.6	.200	MGL
03/15/99	Perchlorate	4.2	4.000	UGL
03/08/99	Potassium, Total, ICAP	2.78	1.000	MGL
03/08/99	Sodium, Total, ICAP	46.2	1.000	MGL
03/09/99	Specific Conductance	1230	4.000	UMHO
03/06/99	Sulfate	190	4.000	MGL
03/11/99	Total Dissolved Solid (TDS)	710	10.000	MGL

Analyzed 990304126 MW-991-092

03/11/99	Trichlorotrifluoroethane (Freon)	0.6B	.500	UGL
----------	----------------------------------	------	------	-----

Analyzed 990304127 MW-991-093

03/11/99

Trichlorotrifluoroethane (Freon

0.6 B

.500

UGL



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

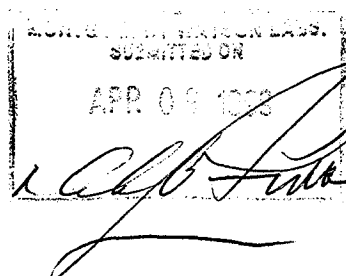
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52351
JPL

**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
 #52351**

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

Samples Received
 04-mar-1999 15:56:58

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-043 (990304121) Sampled on 03/04/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	133	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.20	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	15.2	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.29	meq/l	0.0010	1
	03/05/99	93156	(ML/EPA 300)	Chloride	7.9	mg/l	1.0	1
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	5.21	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	305	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	500	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	160	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.19	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.3	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	33.6	mg/l	1.0	1
	03/05/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	0.11	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	8.7	Units	0.0010	1
	03/05/99	93160	(ML/EPA 300.0)	Sulfate	15	mg/l	2.0	1
	03/08/99	93180	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

**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
 #52351**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	103	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-991-044 (990304122) Sampled on 03/04/99

	03/09/99	93281	(ML/SM2320B)	Alkalinity	184	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	5.27	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	53.4	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	5.52	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	37	mg/l	1.0	1
	03/16/99	93471	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.16	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	535	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	210	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	224	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.08	mg/l	1.0	1

**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****#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	19.0	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	28.4	mg/l	1.0	1
	03/06/99	93632	(ML/EPA 300.0)	Nitrate-N by IC	11 (E)	mg/l	0.10	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	7.9	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	26	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	330	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(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	99	% Rec		

**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
 #52351

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	99	% Rec		
MW-991-045 (990304123) Sampled on 03/04/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	206	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	10.2	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	98.3	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	10.2	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	90	mg/l	2.0	2
	03/15/99	93470	(MOD/EPA 300)	Perchlorate	5.9	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.03	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	950	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	251	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.91	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	42.8	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	38.9	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	14.9	mg/l	0.20	2
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	7.8	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	120	mg/l	4.0	2
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	540	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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****#52351****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(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	97	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

MW-991-046 (990304124) Sampled on 03/04/99

	03/09/99	93281	(ML/SM2320B)	Alkalinity	254	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	12.8	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	139	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	12.8	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	110	mg/l	2.0	2
	03/15/99	93471	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.802	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	1180	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	330	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	310	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.67	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	52.3	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	34.7	mg/l	1.0	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	15.7	mg/l	0.20	2
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	7.6	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	170	mg/l	4.0	2
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	700	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	0.7	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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****#52351****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.6	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.9	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-047 (990304125)				Sampled on 03/04/99				
	03/09/99	93281	(ML/SM2320B)	Alkalinity	226	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	13.2	meq/l	0.0010	1
03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	144	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	13.3	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	120	mg/l	2.0	2
	03/15/99	93471	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.226	mg/l	0.0010	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	1230	umho/cm	4.0	1
03/04/99	03/05/99	93067	(EPA/ML 200.8)	Iron, Total, ICAP/MS	730	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	276	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.78	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	48.6	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	46.2	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	18.6	mg/l	0.20	2
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	7.1	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	190	mg/l	4.0	2
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	710	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	1.2	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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****#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.8	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(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	105	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-991-092 (990304126)

Sampled on 03/04/99

Regulated VOCs plus Lists 1&3

03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(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	99	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-991-093 (990304127) Sampled on 03/04/99

03/04/99	03/08/99	93112	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/16/99	93471	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/04/99	03/05/99	93064	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/99	92915	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/04/99	03/05/99	93066	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/11/99	93577	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/11/99	93577	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/99	93577	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 566 6400 Fax: 626 566 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory
Report
#52351**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93577	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6 B	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/99	93577	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/99	93577	(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	95	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

**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)

Report
Comments
#52351

Group Comments

(524.2) Freon113 detected in Reagent blank and samples are due to laboratory contamination. See QIR-MS-99-031. GG 3/26/99.

(FE-MS) Matrix spike recovery performed on sample#990226112 is lower than 70-130%, due to high concentration of FE in the spiked sample. Result of Fe in this sample is three times the spiked amount. GG 04/07/99.

(990304122)

NO3

Result is over-range, but confirm on 3/12/99 with a RPD<20%.

(990304127)

@EBASVOA

Freon 113 detected in the method blank. Samples analyzed to meet holding time. Reference QIR-MS-99-031.



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
QC Report
#52351**

Foster Wheeler Environmental, Inc

QC Batch #92915

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304122		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(80.00 - 120.00)	1.2

QC Batch #93064

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	0.99
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	97	97.0	(70.00 - 130.00)	2.1

QC Batch #93066

Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	21.0	105.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.8	109.0	(85.00 - 115.00)	3.7
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.4	102.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	19.4	97.0	(70.00 - 130.00)	5.0

QC Batch #93067

Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	532	106.4	(85.00 - 115.00)	7.0

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**

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

QC Report

#52351

Foster Wheeler Environmental, Inc
(continued)

MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	300	<u>60.0</u>	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	527	105.4	(70.00 - 130.00)	55

QC Batch #93071

Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93077

Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.4	94.8	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.9	95.8	(85.00 - 115.00)	1.0
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.2	96.4	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.83

QC Batch #93081

Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.6	98.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 110.00)	1.5
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	0.00

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**

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
QC Report
#52351**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93084****Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	0.00

QC Batch #93087**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.0	100.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	1.8
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	46.8	93.6	(70.00 - 130.00)	2.5

QC Batch #93112**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0226112		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0201	100.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0199	99.5	(85.00 - 115.00)	1.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0201	100.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0199	99.5	(70.00 - 130.00)	1.00

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**

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

QC Report

#52351

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93156****Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Chloride	25	24.3	97.2	(90.00 - 110.00)	
LCS2	Chloride	25	24.2	96.8	(90.00 - 110.00)	0.41
MBLK	Chloride	ND				
MS	Chloride	25	26.8	107.2	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.00

QC Batch #93157**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.46	98.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.45	98.0	(90.00 - 110.00)	0.41
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.55	102.0	(80.00 - 120.00)	0.39

QC Batch #93160**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Sulfate	50	48.4	96.8	(90.00 - 110.00)	
LCS2	Sulfate	50	48.3	96.6	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	52.9	105.8	(80.00 - 120.00)	
MSD	Sulfate	50	53.0	106.0	(80.00 - 120.00)	0.19

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**

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**QC Report****#52351**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93178****Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93180**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304033		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	676	96.6	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93281**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304125		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	83.0	86.3	(80.00 - 120.00)	4.7

QC Batch #93411**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304122		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	682	97.4	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	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.

**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
 QC Report
 #52351

Foster Wheeler Environmental, Inc
 (continued)

QC Batch #93470**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0301250		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.3	96.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	3.1
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	0.97

QC Batch #93471**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304124		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.8	99.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.4	97.0	(90.00 - 110.00)	2.0
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	18.2	91.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	18.1	90.5	(75.00 - 125.00)	0.55

QC Batch #93577**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.06	101.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.97	99.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.02	100.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.85	96.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.27	81.8	(70.00 - 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.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 588 6400 Fax: 626 588 6324

1 800 586 LABS (1 800 566 5227)

**Laboratory
QC Report
#52351****Foster Wheeler Environmental, Inc
(continued)**

MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.25	81.2	(70.00 - 130.00)	4.4
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.97	99.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.06	102.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.75	97.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.27	106.7	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Benzene	4	4.20	105.0	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.90	97.5	(70.00 - 130.00)	
MSD	Benzene	4	4.23	105.8	(70.00 - 130.00)	8.1
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.26	106.5	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.40	110.0	(70.00 - 130.00)	7.3

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**

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**QC Report****#52351****Foster Wheeler Environmental, Inc**
(continued)

LCS1	Carbon Tetrachloride	4	3.91	97.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	3.05	76.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	4.86	121.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	3.89	97.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	4.04	101.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	3.07	76.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.07	101.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.02	101.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	8.26	103.2	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	4.08	102.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.84	96.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.90	97.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	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.

**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
QC Report
#52351Foster Wheeler Environmental, Inc
(continued)

MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	102	102.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	105	105.0		
MS	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	0.94
LCS1	Toluene-d8	100	98	98.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	99	99.0		
MS	Toluene-d8	100	103	103.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	0.97
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	99	99.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	3.0
LCS1	trans-1,2-Dichloroethylene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.08	102.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.27	106.7	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane (Freon	4	4.87	121.8	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND	<u>0.61</u>			
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.10	102.5	(70.00 - 130.00)	
MSD	Toluene	4	4.32	108.0	(70.00 - 130.00)	5.2
LCS1	Vinyl chloride (VC)	2	1.82	91.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	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.

**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**QC Report****#52351**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93632****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.46	98.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.45	98.0	(90.00 - 110.00)	0.41
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.55	102.0	(80.00 - 120.00)	0.39

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52399 (MW-991-056, MW-991-057, MW-991-058,
MW-991-059, MW-991-094, -MW-991-095, MW-991-060)

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. This letter is revised. Please file with the original report submitted. A detailed quality control (QC) summary follows:

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

(VOC) QC batch 93588: Methylene Chloride recovered below the MWL acceptance criteria of 70-130, at 69.8%. Associated samples are flagged with a J.

Samples requiring dilution (with increased MRL's):

MW-991-047, -046, and -045 were diluted for Anions.

Method blanks with compounds detected:

Freon 113 (Trichlorotrifluoroethane) was detected in the blank for QC batch 93577. Associated samples are flagged with a B.

Lead was detected in the blank for QC batch 93550. Lead is not detected in any of the reported samples associated with this QC batch. The results are reported without qualification.

Other Comments:

Chloroform was detected in MW-991-059

Methylene Chloride was detected in MW-991-095

Trichlorotrifluoroethane was detected in MW-991-056, -057, -058, -059, -094, -095, -060

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52399
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/05/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled					Matrix	Sample Date
990305282	MW-991-056						Water	03/05/99
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS		
		TDS	CATION1	ANION1	PH	EC		HCO3
		CO3	ALK	NO3	SO4	CL		FE-MS
		K	NA	MG	CA	CLO4		
990305283	MW-991-057						Water	03/05/99
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS		
		TDS	CATION1	ANION1	PH	EC		HCO3
		CO3	ALK	NO3	SO4	CL		FE-MS
		K	NA	MG	CA	CLO4		
990305284	MW-991-058						Water	03/05/99
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3		ALK
		CC3	HCO3	EC	PH	ANION1		CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
990305285	MW-991-059						Water	03/05/99
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3		ALK
		CO3	HCO3	EC	PH	ANION1		CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
990305286	MW-991-094						Water	03/05/99
		@EBASVOA						
990305287	MW-991-095						Water	03/05/99
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
		CLO4						
990305288	MW-991-060						Water	03/05/99
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS		
		TDS	CATION1	ANION1	PH	EC		HCO3
		CO3	ALK	NO3	SO4	CL		FE-MS
		K	NA	MG	CA	CLO4		

Test Acronym Description

Test Acronym	Description
--------------	-------------

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52399
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



NUMBER 2 18

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

52399

TEMP = 7 - 12

REG ICE OK

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0268		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☐ DAYS RUSH ☐ DAYS											
PROJECT ADDRESS 7800 Oakgrove Dr. Pasadena, CA																	
SAMPLER (Name) David Tietje		SAMPLER (Signature) <i>David Tietje</i>		ANALYSES REQUIRED													
LABORATORY Montgomery Watson Labs																	
REPORTS TO BE SENT TO Mr. Mark Cutler																	
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOC's (524.2)	T-Hal As Cr Pb	Major Anions + TDS	Hexan. Chromium	COP (Perchlorate)	MS For VOC's	MSD For VOC's	MS/MSD For Metals	SG Time Cr	
					WATER	SOIL	OTHER (Describe)										
MW-0991-056 MS	08:55	03/05/99	2	40 mL	X								X				
MW-0991-056 MSD	8:55		2	40 mL	X									X			
MW-0991-056 MS/MSD	8:55		1	250 mL	X										X		
MW-0991-056	8:55		6	40 mL x2 1x250 mL 2x125 mL	X			X	X	X	X	X					
MW-0991-057	10:30		6	2x40 mL 1x250 mL 2x125 mL	X			X	X	X	X	X					
MW-0991-058	11:30		6	2x40 mL 1x250 mL 2x125 mL	X			X	X	X	X	X					
MW-0991-059	13:20		6	2x40 mL 1x250 mL 2x125 mL	X			X	X	X	X	X				X	
MW-0991-094	08:00		2	40 mL	X			X									
MW-111-095	12:45		5	2x40 mL 1x250 mL 2x125 mL	X			X	X		X	X					
MW-0991-060	14:15		6	2x40 mL 1x250 mL 1x500 mL 2x125 mL	X			X	X	X	X	X					
END																	
LABORATORY INSTRUCTIONS/COMMENTS Level IV QA/QC																	
RELINQUISHED BY (Signature) <i>[Signature]</i>		DATE 3/5/99		RECEIVED BY (Signature) <i>[Signature]</i>		DATE 3:55		RELINQUISHED BY (Signature)		DATE		RECEIVED BY (Signature)		DATE		COMPANY	
COMPANY Foster Wheeler		TIME		COMPANY M.W.		TIME		COMPANY		TIME		COMPANY		TIME		COMPANY	

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSENCH Date Received: 3-5-99
 Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-5-99
 by (print) M. DE MESA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
 If YES, attach & enter carrier and air bill # here: DELIVERED BY CLIENT

2. Were custody seals on outside of cooler? Yes No
 If YES, how many & where: 2 ID OF COOLER
 If Yes, enter the following: seal date: 3-5-99, seal name: RP

3. Were custody seals unbroken & intact at delivery? Yes No

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MD (date) 3-5-99

B. LOG-IN PHASE: Date samples were logged-in: 3-5-99 by:
 (print) M. DE MESA (sign) [Signature]

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/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No

14. Did all bottle labels agree with custody papers?
 If NO, indicate discrepancies 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

QUALITY INVESTIGATION REPORT

Analysis Date: 3/12/99
 Extraction Date: NA
 Analyst: COL

QIR No. MS-99-032
 Analysis: 524 (@EBASVOA)
 Matrix: Water
 Instrument ID: GCMS-4

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
(see copy of runlog attached)		ENSEICH			

Brief Description: (include reason for non-compliance)

Freon 113 detected above MRL in method blanks and in all samples due to lab contamination.

(Below 1 ppb) MCL for Freon 113 is 10 ppb in CALIF.

Action Taken:

Facilities is informed to investigate and fix problem which is suspected to be coming from Wetchem Lab. Wetchem not extracting ✓ for other sources Dets 3/15/99

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

Client Contact: msg in entry 3/15/99 Re 74 444 5560 ok to Annotate Report per M.C. 3/16/99

Extraction: Cecilia J. Fer
 Analyst: Cecilia J. Fer
 Group Leader: Michael Cox
 QA Coordinator: Michael Cox
 Project Manager: Michael Cox

Date: 3/15/99
 Date: 3/15/99
 Date: 3/17/99
 Date: 3/16/99

PROPERTY OF MONTGOMERY WATSON LABORATORIES

March 12th 1999

524

COL

0312 VH 01

25 NG BFB

8:58

1	2	LRB	WIS021899-4
2	3	4 ppb UOA LFB	(3/7/99)
3	4	10 ppb UOA CCV STD	(3/7/99)
4	5	8 ppb UOA LFB	
5	6	LRB	
6	7	8 ppb for ^{only} Gases LFB	
7	8	0.5 ppb UOA STD (MRL)	
8	9	LRB	
0	10	(02828) 990305282-06. Enserch	MW-991-056
1	11	(02335) 990305283-01	MW-991-057
2	12	(02347) 990305284-02	MW-991-058
3	13	(02349) 990305285-01	MW-991-059
4	14	(02360) 990305286-01	MW-991-060
5	15	(02341) 990305286-01	MW-991-094
6	16	(02355) 990305287-01	MW-991-095
7	17	(02323) 990305282-02	MW-991-056
8	18	(02324) 990305282-01	MW-991-056-1
9	19	(02326) 990305282-03	M
0	20	(02365) 990309314-01	MW-991-008
1	21	(02373) 990309315-01	-069
2	22	(02384) 990309316-01	-070
3	23	(02395) 990309317-01	-071
4	24	(02379) 990309313-01	-095
5	25	(02371) 990309312-01	-096
6	26	(02328) 990305282-02	MW-991-056

(524 only)

From 1994

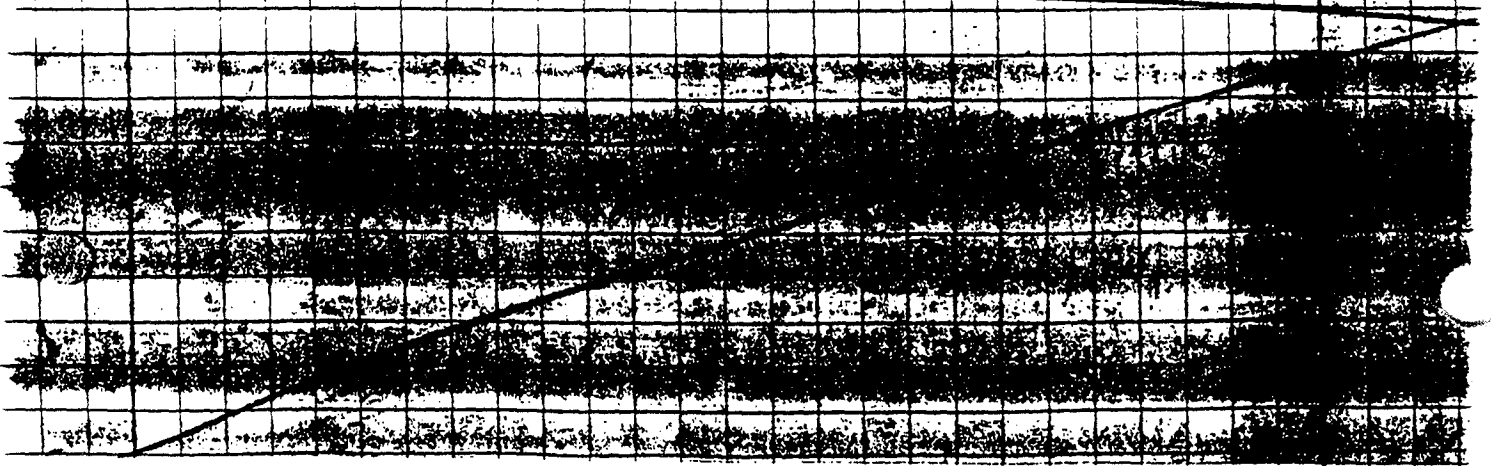
PH < 2 (No pks) ~~COL~~

(No backup)

(Not needed)

3/11/99 Col

(Not needed)



QUALITY INVESTIGATION REPORT

Analysis Date: 3-12-99
 Extraction Date: _____
 Analyst: Cecilia Lee

QIR No. MS-99-038
 Analysis: 524.2
 Matrix: Waters
 Instrument ID: GCMS-H

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
990309312	Enserch		990305282	Enserch	
313	↓		283		
314			284		
315			285		
316			286		
317			287		
			288		

Brief Description: (include reason for non-compliance)

The LCS/LFB for Methylene Chloride recovered at 69.8%, Lower than acceptable limit of 70-130%. The instrument generated raw data LCS Report rounded the recovery to two significant figure of 70%, that is why samples were not flagged for re-analysis. The reported data for the above are

Action Taken: Samples are ~~not~~ within low bias and are flagged!

The LIMS generated Qc Report, calculates the % Recovery to three significant figure, and that is why analytical reports are flagged for the low recovery.

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

Client Contact:

Flag "J" per instr regarding Bromine from Ruth Manns. Issued Meltz of M. Cutler 4/8/99

Extraction: _____
 Analyst: Cecilia Lee
 Group Leader: C. Lee
 QA Coordinator: M. Cutler
 Project Manager: W. Manns

Date: _____
 Date: 4-8-99
 Date: 4-8-99
 Date: 4-8-99
 Date: 4/8/99

Report Summary of positive results, PR52399

		Result	MDL	UNITS
Analyzed	990305282 MW-991-056			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.7B	.500	UGL
03/09/99	Alkalinity	127	2.000	MGL
03/12/99	Anion Sum	3.23	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	154	.001	MGL
03/08/99	Calcium, Total, ICAP	21.5	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	2.00	.001	MGL
03/12/99	Cation Sum	3.33	.001	MEQL
03/06/99	Chloride	11	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	600	*****	UGL
03/08/99	Lab pH	8.3	.001	UNIT
03/08/99	Magnesium, Total, ICAP	2.18	1.000	MGL
03/08/99	Potassium, Total, ICAP	1.10	1.000	MGL
03/08/99	Sodium, Total, ICAP	47.2	1.000	MGL
03/09/99	Specific Conductance	320	4.000	UMHO
03/06/99	Sulfate	18	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	180	10.000	MGL
Analyzed	990305283 MW-991-057			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.7B	.500	UGL
03/09/99	Alkalinity	140	2.000	MGL
03/12/99	Anion Sum	3.31	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	170	.001	MGL
03/08/99	Calcium, Total, ICAP	25.8	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	2.78	.001	MGL
03/12/99	Cation Sum	3.41	.001	MEQL
03/06/99	Chloride	10	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	210	*****	UGL
03/08/99	Lab pH	8.4	.001	UNIT
03/08/99	Magnesium, Total, ICAP	11.9	1.000	MGL
03/08/99	Potassium, Total, ICAP	2.23	1.000	MGL
03/08/99	Sodium, Total, ICAP	24.9	1.000	MGL
03/09/99	Specific Conductance	310	4.000	UMHO
03/06/99	Sulfate	11	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	190	10.000	MGL
Analyzed	990305284 MW-991-058			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.7B	.500	UGL
03/09/99	Alkalinity	159	2.000	MGL
03/12/99	Anion Sum	3.98	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	193	.001	MGL
03/08/99	Calcium, Total, ICAP	37.5	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	2.50	.001	MGL
03/12/99	Cation Sum	4.13	.001	MEQL
03/06/99	Chloride	12	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	270	*****	UGL
03/08/99	Lab pH	8.3	.001	UNIT
03/08/99	Magnesium, Total, ICAP	13.3	1.000	MGL
03/08/99	Potassium, Total, ICAP	2.14	1.000	MGL
03/08/99	Sodium, Total, ICAP	25.5	1.000	MGL

03/09/99	Specific Conductance	375	4.000	UMHO
03/06/99	Sulfate	22	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	230	10.000	MGL

Analyzed 990305285 MW-991-059

03/12/99	Chloroform (Trichloromethane)	1.1	.500	UGL
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane (Freon)	0.7B	.500	UGL
03/09/99	Alkalinity	158	2.000	MGL
03/12/99	Anion Sum	4.25	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	192	.001	MGL
03/08/99	Calcium, Total, ICAP	40.2	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	1.57	.001	MGL
03/12/99	Cation Sum	4.45	.001	MEQL
03/06/99	Chloride	14	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	750	*****	UGL
03/08/99	Lab pH	8.1	.001	UNIT
03/08/99	Magnesium, Total, ICAP	16.9	1.000	MGL
03/06/99	Nitrate-N by IC	0.12	.100	MGL
03/08/99	Potassium, Total, ICAP	2.91	1.000	MGL
03/08/99	Sodium, Total, ICAP	22.4	1.000	MGL
03/09/99	Specific Conductance	415	4.000	UMHO
03/06/99	Sulfate	33	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	270	10.000	MGL

Analyzed 990305286 MW-991-094

03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane (Freon)	0.7B	.500	UGL

Analyzed 990305287 MW-991-095

03/12/99	Dichloromethane	0.5 J	.500	UGL
03/12/99	Trichlorotrifluoroethane (Freon)	0.7B	.500	UGL

Analyzed 990305288 MW-991-060

03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane (Freon)	0.9B	.500	UGL
03/09/99	Alkalinity	193	2.000	MGL
03/12/99	Anion Sum	5.16	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	235	.001	MGL
03/08/99	Calcium, Total, ICAP	50.9	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	1.21	.001	MGL
03/12/99	Cation Sum	5.26	.001	MEQL
03/06/99	Chloride	16	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	120	*****	UGL
03/08/99	Lab pH	7.9	.001	UNIT
03/08/99	Magnesium, Total, ICAP	19.0	1.000	MGL
03/06/99	Nitrate-N by IC	0.5	.100	MGL
03/08/99	Potassium, Total, ICAP	3.12	1.000	MGL
03/08/99	Sodium, Total, ICAP	24.7	1.000	MGL
03/09/99	Specific Conductance	480	4.000	UMHO
03/06/99	Sulfate	39	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	300	10.000	MGL



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

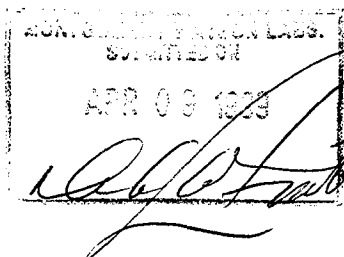
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52399
JPL

**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)

Report
Comments
#52399

Group Comments

(524.2) Freon113 detected in samples and in Reagent Blank is due to Laboratory contamination. See QIR-MS-99-032. GG
Additionally recovery of Methylene Chloride in the LCS/LFB was 69.8%, lower than acceptable limit of 70-130%. Result of samples for this compound are low biased and data is 'J' flagged. See QIR-MS-99-040.

**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****#52399**

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

Samples Received
 05-mar-1999 16:15:09

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-056 (990305282) Sampled on 03/05/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	127	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.23	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	21.5	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.33	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	2.00	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	320	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	600	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	154	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	1.10	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	2.18	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	47.2	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	8.3	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	18	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

**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****#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-991-057 (990305283) Sampled on 03/05/99

	03/09/99	93281	(ML/SM2320B)	Alkalinity	140	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.31	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	25.8	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	3.41	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	10	mg/l	1.0	1
	03/17/99	93571	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	2.78	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	310	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	210	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	170	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.23	mg/l	1.0	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	11.9	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	24.9	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	8.4	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	11	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	190	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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****#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(EPA 524.2)	none detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	111	% Rec		

**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
 #52399**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		
MW-991-058 (990305284) Sampled on 03/05/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	159	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.98	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	37.5	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	4.13	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	2.50	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93178	(ML/S2510B)	Specific Conductance	375	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	270	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	193	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.14	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.3	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	25.5	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	8.3	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	22	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	230	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	93	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

MW-991-059 (990305285) Sampled on 03/05/99

	03/09/99	93281	(ML/SM2320B)	Alkalinity	158	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	4.25	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	40.2	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	4.45	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	14	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.57	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93179	(ML/S2510B)	Specific Conductance	415	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	750	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	192	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	2.91	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	16.9	mg/l	1.0	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	22.4	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	0.12	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	8.1	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	33	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	270	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	89	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-094 (990305286)				Sampled on 03/05/99				
Regulated VOCs plus Lists 1&3								
03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1	

**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
#52399****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	µ Rec		
			(Surrogate)	4-Bromofluorobenzene	103	µ Rec		
			(Surrogate)	Toluene-d8	96	µ Rec		

**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
 #52399

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-095 (990305287)				Sampled on 03/05/99				
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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
#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	0.5 J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	95	% Rec		

**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****#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	102	% Rec		
MW-991-060 (990305288) Sampled on 03/05/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	193	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	5.16	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/08/99	03/08/99	93077	(ML/EPA 200.7)	Calcium, Total, ICAP	50.9	mg/l	1.0	1
	03/12/99		(ML/SM1040)	Cation Sum	5.26	meq/l	0.0010	1
	03/06/99	93156	(ML/EPA 300)	Chloride	16	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.21	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/99	93001	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/09/99	93179	(ML/S2510B)	Specific Conductance	480	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	120	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	235	mg/l	0.0010	1
03/08/99	03/08/99	93081	(ML/EPA 200.7)	Potassium, Total, ICAP	3.12	mg/l	1.0	1
03/08/99	03/08/99	93084	(ML/EPA 200.7)	Magnesium, Total, ICAP	19.0	mg/l	1.0	1
03/08/99	03/08/99	93087	(ML/EPA 200.7)	Sodium, Total, ICAP	24.7	mg/l	1.0	1
	03/06/99	93157	(ML/EPA 300.0)	Nitrate-N by IC	0.5	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/08/99	93071	(ML/SM 4500HB)	Lab pH	7.9	Units	0.0010	1
	03/06/99	93160	(ML/EPA 300.0)	Sulfate	39	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	300	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52399****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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****#52399**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.9B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	99	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		



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
QC Report
#52399

Foster Wheeler Environmental, Inc

QC Batch #93001

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305285		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0493	98.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0499	99.8	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0487	97.4	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0493	98.6	(80.00 - 120.00)	1.2

QC Batch #93071

Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93077

Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.4	94.8	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.9	95.8	(85.00 - 115.00)	1.0
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.2	96.4	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.83

QC Batch #93081

Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.6	98.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 110.00)	1.5
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 120.00)	0.00

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**

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

QC Report

#52399

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93084****Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	0.00

QC Batch #93087**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0302174		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.0	100.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	1.8
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	46.8	93.6	(70.00 - 130.00)	2.5

QC Batch #93156**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Chloride	25	24.3	97.2	(90.00 - 110.00)	
LCS2	Chloride	25	24.2	96.8	(90.00 - 110.00)	0.41
MBLK	Chloride	ND				
MS	Chloride	25	26.8	107.2	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.00

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**

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**QC Report****#52399**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93157****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.46	98.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.45	98.0	(90.00 - 110.00)	0.41
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.55	102.0	(80.00 - 120.00)	0.39

QC Batch #93160**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304121		(0.00 - 0.00)	
LCS1	Sulfate	50	48.4	96.8	(90.00 - 110.00)	
LCS2	Sulfate	50	48.3	96.6	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	52.9	105.8	(80.00 - 120.00)	
MSD	Sulfate	50	53.0	106.0	(80.00 - 120.00)	0.19

QC Batch #93178**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0305284		(0.00 - 0.00)	

QC Batch #93179**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0305288		(0.00 - 0.00)	

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**

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**QC Report****#52399**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93281****Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304125		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	83.0	86.3	(80.00 - 120.00)	4.7

QC Batch #93411**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304122		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	682	97.4	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93548**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	2.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	3.1

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**

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

Laboratory
QC Report
#52399

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93549**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	491	98.2	(85.00 - 115.00)	1.0
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	385	77.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	470	94.0	(70.00 - 130.00)	20

QC Batch #93550**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.9	104.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.4	107.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>1.5</u>			
MS	Lead, Total, ICAP/MS	20.0	19.9	99.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.2	106.0	(70.00 - 130.00)	6.3

QC Batch #93571**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305283		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.4	92.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	2.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.1	100.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.1	105.5	(75.00 - 125.00)	4.9

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**

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**QC Report****#52399**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93572****Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	5.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.9	109.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	5.2

QC Batch #93588**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.76	94.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.62	90.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	2.95	73.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.25	81.2	(70.00 - 130.00)	4.4
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	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.

**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**QC Report****#52399**Foster Wheeler Environmental, Inc
(continued)

LCS1	1,2-Dichloropropane	4	3.84	96.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.05	88.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.99	99.8	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Benzene	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.90	97.5	(70.00 - 130.00)	
MSD	Benzene	4	4.23	105.8	(70.00 - 130.00)	8.1
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.98	99.5	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.40	110.0	(70.00 - 130.00)	7.3
LCS1	Carbon Tetrachloride	4	3.87	96.8	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	2.95	73.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.98	99.5	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.55	88.8	(70.00 - 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.

**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**QC Report****#52399**Foster Wheeler Environmental, Inc
(continued)

MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	2.79	<u>69.8</u>	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.80	90.0	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.68	96.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.74	93.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.83	95.8	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.66	91.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	1.9
LCS1	Toluene-d8	100	99	99.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	103	103.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	0.97

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**

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
QC Report
#52399Foster Wheeler Environmental, Inc
(continued)

LCS1	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	2.0
LCS1	trans-1,2-Dichloroethylene	4	2.86	71.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.76	94.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.08	102.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.27	106.7	(70.00 - 130.00)	4.6
LCS1	Trichlorotrifluoroethane (Freon)	4	4.70	117.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND	<u>0.6</u>			
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.88	97.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.10	102.5	(70.00 - 130.00)	
MSD	Toluene	4	4.32	108.0	(70.00 - 130.00)	5.2
LCS1	Vinyl chloride (VC)	2	1.75	87.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #93591**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	0.98
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0186	93.0	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0182	91.0	(70.00 - 130.00)	2.2

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52431 (MW-991-096, MW-991-097, MW-991-068 MW-991-069, MW-991-070, MW-991-073)

Dear Mark,

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

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

(VOC) The LCS for Methylene Chloride recovered at 69.8, lower than the internal acceptance limits of 70-130%. The instrument raw data indicated 70%, at QC thus the samples were not flagged for re-analysis for this compound within HT. The reported data is ND with a low bias and are flagged with a J.

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

Freon (Trichlorotrifluoroethane) was detected in the Method blank.

Freon was detected at similar levels in all samples reported due to Laboratory contamination and are flagged with a B. QC batch 92588.

Lead was detected in the blank at 1.5 ug/L, which is less than the MRL of 2.0 ug/L. Lead was not detected in any of the reported samples. QC batch 93550. Results for the associated samples are reported without qualification.

Other Comments:

Freon was detected in sample ID: MW-991-073, -070, -069, -068, -097, -096 Laboratory Contamination is suspected.

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52431
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/08/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990309312	MW-991-096	@EBASVOA	Water	03/08/99
990309313	MW-991-097	@EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4	Water	03/08/99
990309314	MW-991-068	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/08/99
990309315	MW-991-069	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/08/99
990309316	MW-991-070	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/08/99
990309317	MW-991-073	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/08/99

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52431
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



52431

NUMBER

29

TEMP. 3-5

B. S. - RECEIVED OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

PROJECT XL		OFS NO. 1572.0263		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS										
PROJECT ADDRESS 4500 OAK GROVE DR. PASADENA, CA																
SAMPLER (Name) J. BRENNER		SAMPLER (Signature) <i>J. Brenner</i>		ANALYSES REQUIRED												
LABORATORY MONTGOMERY WATSON LABS																
REPORTS TO BE SENT TO M.J. MARK CUTLER																
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOC (S2+2)	TUMOR AG. C. Pb	MUTAGENICITY	HEX C	PERCHLORATE	MIS. FOL. VOCs	MIS. FOL. VOCs	MIS. FOL. VOCs	OC FOL. C.
					WATER	SOIL	OTHER (Describe)									
MW 991-096	0930	3/3/99	2	2x40ml	X			X								
MW 991-097	1045	↓	5	2x40ml 1x250ml 2x125ml	X			X	X							
MW 991-098	0920		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X							
MW 991-069	1035		6	↓ 2x40ml 2x250ml	X			X	X							
MW 991-070	1130		7	2x125ml 1x500ml	X			X	X					X		
MW 991-070MS	1130		2	2x40ml	X								X			
MW 991-070MS	1130		2	2x40ml	X									X		
MW 991-071	1123	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X						X	
Δ to 073				bottle ID's correct per J. Brenner 3/4/99 Deb 3/4/99												
LABORATORY INSTRUCTIONS/COMMENTS LEVEL IV OA/OC * ID'S ON BOTTLES STATES "073"																
RELINQUISHED BY (Signature) <i>Robert J. ...</i>		DATE 3/4/99	RECEIVED BY (Signature) <i>M. DE MUR</i>		RELINQUISHED BY (Signature)		DATE	RECEIVED BY (Signature)								
COMPANY Foster Wheeler		TIME 5:00	COMPANY M.W.		COMPANY		TIME	COMPANY								

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH

Date Received: 3-8-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-8-99

by (print) M DE MESA

(sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If YES, attach & enter carrier and air bill # here: DEL BY CLIENT

2. Were custody seals on outside of cooler? Yes No

If YES, how many & where: 2 LID OF COOLER

If Yes, enter the following: seal date: 3-8-99, seal name: RF

3. Were custody seals unbroken & intact at delivery? Yes No

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MLD (date) 3-8-99

B. LOG-IN PHASE: Date samples were logged-in: 3-9-99 by:

(print) M DE MESA

(sign) [Signature]

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/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No - SEE COC

14. Did all bottle labels agree with custody papers? Yes No - SEE COC

If NO, indicate discrepancies on back.

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? Yes No

If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

QUALITY INVESTIGATION REPORT

Analysis Date: 3/12/99
 Extraction Date: NA
 Analyst: COL

QIR No. MS-99-032
 Analysis: 524 (@EBASVOA)
 Matrix: Water
 Instrument ID: GCMS-4

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
(see copy of runlog attached)					
		ENSEARCH			

Brief Description: (include reason for non-compliance)

Freon 113 detected above MRL in method blanks and in all samples due to lab contamination.

(Below 1 ppb) MCL for Freon 113 is 10 ppb in CALIF.

Action Taken:

Facilities is informed to investigate and fix problem which is suspected to be coming from Wetchem Lab. Wetchem not extracting ✓ for other sources Decs 3/15/99

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

Client Contact: msg in call 3/15/99 & 74 444 5560 ok to Annoteb if report per M.C. 3/16/99

Extraction: _____
 Analyst: Cecilia Jui
 Group Leader: Anthony
 QA Coordinator: Wendy
 Project Manager: A. J. Smith

Date: 3/15/99
 Date: 3/15/99
 Date: 3/17/99
 Date: 3/16/99

PROPERTY OF MONTGOMERY WATSON LABORATORIES

March 12th 1999

524

COL

0312 VH 01

25 NG BFB

WS021899-0

8:58

1	2	LRB	WS021899-0
2	3	4 ppb VOA LFB	(3/3/99)
3	4	10 ppb VOA CCV STL (3/7/99)	
4	5	8 ppb VOA LFB	
5	6	LRB	
6	7	8 ppb frt Gases LFB	
7	8	0.5 ppb VOA STL (MRL)	
8	9	LRB	
0	10	(02828) 990305282-06. Enserch	MW-991-056
1	11	(02335) 990305283-01	MW-991-057
2	12	(02342) 990305284-02	MW-991-058
3	13	(02349) 990305285-01	MW-991-059
4	14	(02360) 990305286-01	MW-991-060
5	15	(02341) 990305286-01	MW-991-094
6	16	(02355) 990305287-01	MW-991-095
7	17	(02323) 990305282-02	MW-991-056
8	18	(02324) 990305282-01	MW-991-056-1
9	19	(02326) 990305282-03	MW-991-056-1
0	20	(02365) 990309314-01	MW-991-068
1	21	(02373) 990309315-01	-069
2	22	(02384) 990309316-01	-070
3	23	(02395) 990309317-01	-071
4	24	(02379) 990309313-01	-091
5	25	(02371) 990309312-01	-091
6	26	(02325) 990305282-02	MW-991-056

(Not needed)

QUALITY INVESTIGATION REPORT

Analysis Date: 3-12-99
 Extraction Date: _____
 Analyst: Cecilia Lee

QIR No. MS-99-038
 Analysis: 524.2
 Matrix: Waters
 Instrument ID: GCMS-H

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
990309312	Enserch		990305282	Enserch	
313			283		
314			284		
315			285		
316			286		
317			287		

Brief Description: (include reason for non-compliance)

The LCS/LFB for Methylene chloride recovered at 69.8%, lower than acceptable limit of 70-130%. The instrument generated raw data LCS Report rounded the recovery to two significant figure of 70%, that is why samples were not flagged for re-analysis. The reported data for the above

Action Taken: Samples are ~~not~~ within low bias and ~~to~~ flagged J!

The LIMS generated QC Report, calculates the % Recovery to three significant figure, and that is why analytical reports are flagged for the low recovery.

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other: _____

Annotation:

Client Contact: Flag J per mail Inst regarding bromine from Rick Manns. Issued Meltz of M. Cutler 4/8/99

Extraction: _____
 Analyst: Cecilia Lee
 Group Leader: _____
 QA Coordinator: _____
 Project Manager: _____

Date: _____
 Date: 4-8-99
 Date: 4-8-99
 Date: 4-8-99
 Date: 4/8/99

Report Summary of positive results, PR52431

		Result	MDL	UNITS
Analyzed	990309312 MW-991-096			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.8B	.500	UGL
Analyzed	990309313 MW-991-097			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.7B	.500	UGL
Analyzed	990309314 MW-991-068			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.6B	.500	UGL
03/09/99	Alkalinity	163	2.000	MGL
03/12/99	Anion Sum	3.94	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	198	.001	MGL
03/24/99	Calcium, Total, ICAP	34.2	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	1.62	.001	MGL
03/24/99	Cation Sum	4.05	.001	MEQL
03/10/99	Chloride	8.4	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	230	*****	UGL
03/10/99	Lab pH	8.1	.001	UNIT
03/24/99	Magnesium, Total, ICAP	9.37	1.000	MGL
03/10/99	Nitrate-N by IC	1.2	.100	MGL
03/24/99	Potassium, Total, ICAP	1.80	1.000	MGL
03/24/99	Sodium, Total, ICAP	35.0	1.000	MGL
03/11/99	Specific Conductance	370	4.000	UMHO
03/10/99	Sulfate	17	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	240	10.000	MGL
Analyzed	990309315 MW-991-069			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.6B	.500	UGL
03/09/99	Alkalinity	152	2.000	MGL
03/12/99	Anion Sum	3.98	.001	MEQL
03/12/99	Bicarbonate as HCO3,calculated	185	.001	MGL
03/24/99	Calcium, Total, ICAP	27.5	1.000	MGL
03/12/99	Carbonate as CO3, Calculated	1.91	.001	MGL
03/24/99	Cation Sum	4.03	.001	MEQL
03/10/99	Chloride	16	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	720	*****	UGL
03/10/99	Lab pH	8.2	.001	UNIT
03/24/99	Magnesium, Total, ICAP	10.7	1.000	MGL
03/10/99	Nitrate-N by IC	4.6	.100	MGL
03/24/99	Potassium, Total, ICAP	1.79	1.000	MGL
03/24/99	Sodium, Total, ICAP	39.7	1.000	MGL
03/11/99	Specific Conductance	375	4.000	UMHO
03/10/99	Sulfate	7.5	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	230	10.000	MGL
Analyzed	990309316 MW-991-070			
03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane(Freon	0.7B	.500	UGL

3/09/99	Alkalinity	136	2.000	MGL
03/12/99	Anion Sum	3.70	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ ,calculated	165	.001	MGL
03/24/99	Calcium, Total, ICAP	23.6	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	2.69	.001	MGL
03/24/99	Cation Sum	3.75	.001	MEQL
03/10/99	Chloride	24	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	220	*****	UGL
03/10/99	Lab pH	8.4	.001	UNIT
03/24/99	Magnesium, Total, ICAP	12.8	1.000	MGL
03/10/99	Nitrate-N by IC	1.4	.100	MGL
03/24/99	Potassium, Total, ICAP	1.93	1.000	MGL
03/24/99	Sodium, Total, ICAP	33.7	1.000	MGL
03/11/99	Specific Conductance	360	4.000	UMHO
03/10/99	Sulfate	9.9	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	210	10.000	MGL

Analyzed 990309317 MW-991-073

03/12/99	Dichloromethane	ND J	.500	UGL
03/12/99	Trichlorotrifluoroethane (Freon	0.8B	.500	UGL
03/09/99	Alkalinity	150	2.000	MGL
03/12/99	Anion Sum	3.84	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ ,calculated	183	.001	MGL
03/24/99	Calcium, Total, ICAP	39.6	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	0.237	.001	MGL
03/24/99	Cation Sum	3.94	.001	MEQL
3/10/99	Chloride	9.8	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	360	*****	UGL
03/10/99	Lab pH	7.3	.001	UNIT
03/24/99	Magnesium, Total, ICAP	12.9	1.000	MGL
03/10/99	Nitrate-N by IC	0.87	.100	MGL
03/24/99	Potassium, Total, ICAP	2.42	1.000	MGL
03/24/99	Sodium, Total, ICAP	19.3	1.000	MGL
03/11/99	Specific Conductance	365	4.000	UMHO
03/10/99	Sulfate	24	2.000	MGL
03/11/99	Total Dissolved Solid (TDS)	210	10.000	MGL



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

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
PASADENA, CA
APR 08 1999

DEB* Debbie Frank

Report#: 52431
JPL

**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
#52431**

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

Samples Received
08-mar-1999 17:00:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-096 (990309312)			Sampled on 03/08/99					
Regulated VOCs plus Lists 1&3								
03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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****#52431****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.8B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	104	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-097 (990309313)				Sampled on 03/08/99				
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/08/99	93131	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)		ND	ug/l	5.0	1
03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)		ND	ug/l	5.0	1
03/12/99	93588	(ML/EPA 524.2)	Benzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Bromobenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene		ND	ug/l	0.50	1
03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride		ND	ug/l	0.50	1

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	100	% Rec		
MW-991-068 (990309314) Sampled on 03/08/99								
	03/09/99	93281	(ML/SM2320B)	Alkalinity	163	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.94	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	34.2	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.05	meq/l	0.0010	1
	03/10/99	93358	(ML/EPA 300)	Chloride	8.4	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.62	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/08/99	93131	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	370	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	230	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	198	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.80	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	9.37	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	35.0	mg/l	1.0	1
	03/10/99	93372	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	8.1	Units	0.0010	1
	03/10/99	93375	(ML/EPA 300.0)	Sulfate	17	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	240	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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****#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52431****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	98	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-991-069 (990309315) Sampled on 03/08/99

	03/09/99	93270	(ML/SM2320B)	Alkalinity	152	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.98	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	27.5	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.03	meq/l	0.0010	1
	03/10/99	93358	(ML/EPA 300)	Chloride	16	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.91	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/08/99	93131	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	375	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	720	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	185	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.79	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	10.7	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	39.7	mg/l	1.0	1

**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****#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/99	93372	(ML/EPA 300.0)	Nitrate-N by IC	4.6	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	8.2	Units	0.0010	1
	03/10/99	93375	(ML/EPA 300.0)	Sulfate	7.5	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	230	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	99	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

**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****#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-070 (990309316) Sampled on 03/08/99								
	03/09/99	93270	(ML/SM2320B)	Alkalinity	136	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.70	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	23.6	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.75	meq/l	0.0010	1
	03/10/99	93358	(ML/EPA 300)	Chloride	24	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	2.69	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/08/99	93131	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	360	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	220	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	165	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.93	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.8	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	33.7	mg/l	1.0	1
	03/10/99	93372	(ML/EPA 300.0)	Nitrate-N by IC	1.4	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	8.4	Units	0.0010	1
	03/10/99	93375	(ML/EPA 300.0)	Sulfate	9.9	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	210	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.7B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	97	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-991-073 (990309317) Sampled on 03/08/99

	03/09/99	93270	(ML/SM2320B)	Alkalinity	150	mg/l	2.0	1
	03/12/99		(ML/SM1040)	Anion Sum	3.84	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	39.6	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.94	meq/l	0.0010	1
	03/10/99	93358	(ML/EPA 300)	Chloride	9.8	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.237	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/08/99	93131	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	365	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	360	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	183	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.42	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.9	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	19.3	mg/l	1.0	1
	03/10/99	93372	(ML/EPA 300.0)	Nitrate-N by IC	0.87	mg/l	0.10	1

**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
#52431**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	7.3	Units	0.0010	1
	03/10/99	93375	(ML/EPA 300.0)	Sulfate	24	mg/l	2.0	1
	03/11/99	93411	(ML/S2540C)	Total Dissolved Solid (TDS)	210	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/99	93588	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/99	93588	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

**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****#52431****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93588	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichloromethane	ND J	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.8B	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/99	93588	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/99	93588	(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	94	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

**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)

Report
Comments
#52431

Group Comments

(524.2) Freon113 detected in samples and Reagent Blank is due to Laboratory contamination. See QIR-MS-99-032. GG Additionally recovery of Methylene Chloride in LCS/LFB is 69.8%, lower than acceptable limit of 70-130%. Result of of samples for this compound are biased low and flagged 'J'. See QIR-MS-99-040.

**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

QC Report

#52431

Foster Wheeler Environmental, Inc

QC Batch #93131**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0513	102.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0507	101.4	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0526	105.2	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0513	102.6	(80.00 - 120.00)	2.5

QC Batch #93218**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	

QC Batch #93268**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0309412		(0.00 - 0.00)	

QC Batch #93270**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	97.7	102.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	0.00
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	90.0	93.6	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	1.1

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**

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**QC Report****#52431**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93281****Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0304125		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	83.0	86.3	(80.00 - 120.00)	4.7

QC Batch #93358**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Chloride	25	24.7	98.8	(90.00 - 110.00)	
LCS2	Chloride	25	24.7	98.8	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	27.1	108.4	(80.00 - 120.00)	
MSD	Chloride	25	27.1	108.4	(80.00 - 120.00)	0.00

QC Batch #93372**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.48	99.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.48	99.2	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.62	104.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.62	104.8	(80.00 - 120.00)	0.00

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**

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

QC Report

#52431

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93375****Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Sulfate	50	49.0	98.0	(90.00 - 110.00)	
LCS2	Sulfate	50	49.1	98.2	(90.00 - 110.00)	0.20
MBLK	Sulfate	ND				
MS	Sulfate	50	54.0	108.0	(80.00 - 120.00)	
MSD	Sulfate	50	54.0	108.0	(80.00 - 120.00)	0.00

QC Batch #93411**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0304122		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	682	97.4	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93548**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	2.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	3.1

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**

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**QC Report****#52431**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93549****Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	491	98.2	(85.00 - 115.00)	1.0
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	385	77.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	470	94.0	(70.00 - 130.00)	20

QC Batch #93550**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.9	104.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.4	107.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>1.5</u>			
MS	Lead, Total, ICAP/MS	20.0	19.9	99.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.2	106.0	(70.00 - 130.00)	6.3

QC Batch #93572**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	5.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.9	109.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	5.2

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**

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**QC Report****#52431**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93588****Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.76	94.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.62	90.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	2.95	73.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.25	81.2	(70.00 - 130.00)	4.4
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.84	96.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.05	88.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.99	99.8	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	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.

**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**QC Report****#52431****Foster Wheeler Environmental, Inc
(continued)**

MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Benzene	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.90	97.5	(70.00 - 130.00)	
MSD	Benzene	4	4.23	105.8	(70.00 - 130.00)	8.1
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.98	99.5	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	4.09	102.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	4.40	110.0	(70.00 - 130.00)	7.3
LCS1	Carbon Tetrachloride	4	3.87	96.8	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	2.95	73.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.98	99.5	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.55	88.8	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.74	93.5	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	2.79	<u>69.8</u>	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	4.01	100.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.80	90.0	(70.00 - 130.00)	
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.

**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**QC Report****#52431****Foster Wheeler Environmental, Inc**
(continued)

MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.68	96.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.74	93.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.83	95.8	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.66	91.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	101	101.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	1.9
LCS1	Toluene-d8	100	99	99.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	98	98.0		
MS	Toluene-d8	100	103	103.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	0.97
LCS1	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	97	97.0		
MS	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	2.0
LCS1	trans-1,2-Dichloroethylene	4	2.86	71.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.76	94.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.08	102.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.27	106.7	(70.00 - 130.00)	4.6

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**

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**QC Report****#52431**Foster Wheeler Environmental, Inc
(continued)

LCS1	Trichlorotrifluoroethane (Freon	4	4.70	117.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND	<u>0.6</u>			
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.88	97.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	4.10	102.5	(70.00 - 130.00)	
MSD	Toluene	4	4.32	108.0	(70.00 - 130.00)	5.2
LCS1	Vinyl chloride (VC)	2	1.75	87.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #93591**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	0.98
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0186	93.0	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0182	91.0	(70.00 - 130.00)	2.2

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

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**

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**QC Report****#52431**Foster Wheeler Environmental, Inc
(continued)**QC Batch #94002****Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

QC Batch #94004**Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52447 (MW-991-098, MW-991-099, MW-991-011,
MW-991-012, MW-991-013, MW-991-014, MW-991-015)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

MW-991-015, 014 were diluted for anions.

MW-991-015 was diluted for Iron.

Method blanks with compounds detected:

Freon 113 (Trichlorotrifluoroethane) was detected in the blank for QC batch 93786. Associated samples are flagged with a B.

Lead was detected in the Blank for QC batch 93550. Lead was not detected in any of the samples reported with this QC batch. Results are reported without qualification.

Other Comments:

Trichlorotrifluoroethane was detected in MW-991-098, -099, -011, -012, -013, -014, -015

Trichloroethylene was detected in MW-991-014, -015

1,1-Dichloroethane was detected in MW-991-015

Chloroform was detected in MW-991-015

Tetrachloroethylene was detected in MW-991-015

Perchlorate was detected in MW-991-015

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52447
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/09/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990309407	MW-991-098	@EBASVOA	Water	03/09/99
990309408	MW-991-099	@EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4	Water	03/09/99
0309409	MW-991-011	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/09/99
990309410	MW-991-012	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/09/99
990309411	MW-991-013	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/09/99
990309412	MW-991-014	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/09/99
990309413	MW-991-015	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/09/99

Test Acronym Description

Test Acronym	Description
--------------	-------------

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52447
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



52447

NUMBER 2730

TEMP - 4-8
REG 105 OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 15720260		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS	
PROJECT ADDRESS 4000 OAK GLEN DR PASADENA CA				ANALYSES REQUIRED			
SAMPLER (Name) J. BIKENNER		SAMPLER (Signature) [Signature]		VOCs (524.2) Total Ds, Cr, Pb (6010/7000) MAJOR ANIONS TDS Hex. Cr Pesticides MS for VOCs MS for VOCs MS/MS for Metals QC for Cr			
LABORATORY MONTGOMERY WATSON LABS							
REPORTS TO BE SENT TO MR. MARK CUTLER							
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL		
					WATER	SOIL	OTHER (Describe)
MW-991-098	1000	3/9/99	2	2x40ml	X		
MW-991-099	1100		5	2x40ml 1x25ml 2x125ml 1x50ml	X		
MW-991-011	0915		6	2x40ml 1x25ml 2x125ml 1x50ml	X		
MW-991-012	1030		6		X		
MW-991-013	1130		6		X		
MW-991-014	1315		6		X		
MW-991-015	1430		7	2x40ml 2x125ml 2x100ml 1x50ml	X		
MW-991-015ms	1430		2	2x40ml	X		
MW-991-015ml	1430		2	2x40ml	X		
END							
LABORATORY INSTRUCTIONS/COMMENTS LEVEL III QA/QC							
RELINQUISHED BY (Signature) [Signature]		DATE 3-9-99		RECEIVED BY (Signature) [Signature]		DATE	
COMPANY Foster Wheeler		TIME		COMPANY M.W.		TIME	

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSRCH Date Received: 3-9-99

Use other side of this form to note further details concerning check-in problems and to describe any actions) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-9-99
by (print) M. De Mesa (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
If YES, attach & enter carrier and air bill # here: DEL BY CUNTA

2. Were custody seals on outside of cooler? (Yes) No
If YES, how many & where: 2 UD OF COOLER
If Yes, enter the following: seal date: 3-9-99, seal name: RF

3. Were custody seals unbroken & intact at delivery? Yes No

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MUD (date) 3-9-99

B. LOG-IN PHASE: Date samples were logged-in: 3-9-99 by: [Signature]
(print) M. De Mesa (sign) [Signature]

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/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No

14. Did all bottle labels agree with custody papers?
If NO, indicate discrepancies 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

QUALITY INVESTIGATION REPORT

Analysis Date: 3/12/99
 Extraction Date: NA
 Analyst: COL

QIR No. MS-99-032
 Analysis: 524 (@EBASVOA)
 Matrix: Water
 Instrument ID: GCMS-4

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
(see copy of runlog attached)					
		ENSeich			

Brief Description: (include reason for non-compliance)

Freon 113 detected above MRL in method blanks and in all samples due to lab contamination.

(Below 1 ppb) MCL for Freon 113 is 10 ppb in CALIF.

Action Taken:

Facilities is informed to investigate and fix problem which is suspected to be coming from Wetchem Lab. Wetchem not extracting ✓ for other sources Dets 3/15/99

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

Client Contact: msg in call 3/15/99 Re 74 444 5560 ok to Annote report per M.C. 3/16/99

Extraction: _____
 Analyst: Cecilia Fer
 Group Leader: Anthony
 QA Coordinator: Wetchem
 Project Manager: Wetchem

Date: _____
 Date: 3/15/99
 Date: 3/15/99
 Date: 3/15/99
 Date: 3/16/99

PROPERTY OF MONTGOMERY WATSON LABORATORIES

March 12th 1999

524

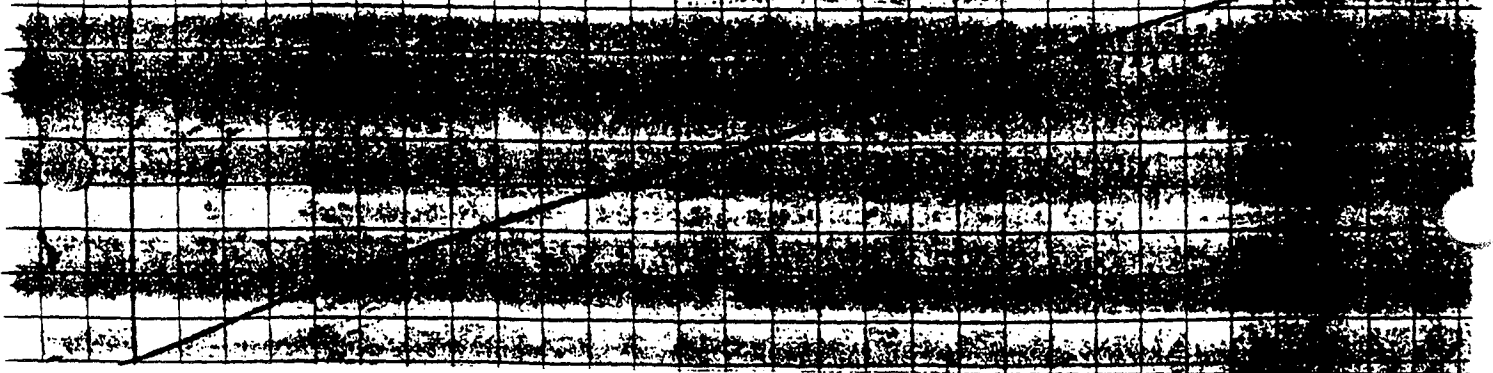
COL

0312 VH 01

25 NG AFB

8:58

1	2	LRB	USO21899-4
2	3	4 ppb VOA LFB	(3/3/99)
3	4	10 ppb VOA CCV STD (3/7/99)	
4	5	8 ppb VOA LFB	
5	6	LRB	
6	7	8 ppb for Gases LFB	
7	8	0.5 ppb VOA STD (MRL)	
8	9	LRB	
0	10	PH < 2 (No pks) (02828) 990305282-06. Enserch	MW-991-056
1	11	(02335) 990305283-01	MW-991-057
2	12	(02342) 990305284-02	MW-991-058
3	13	(02349) 990305285-01	MW-991-059
4	14	(02360) 990305288-01	MW-991-060
5	15	(02341) 990305286-01	MW-991-094
6	16	(02355) 990305287-01	MW-991-095
7	17	(Not needed) (02323) 990305282-02	MW-991-056
8	18	(02324) 990305282-01	MW-991-056
9	19	(02326) 990305282-03	M
0	20	(02365) 990309314-01	MW-991-068
1	21	(02373) 990309315-01	-069
2	22	(02384) 990309316-01	-070
3	23	(02395) 990309317-01	-071
4	24	(02379) 990309313-01	-099
5	25	(02371) 990309312-01	-096
6	26	(Not needed) (02328) 990305282-02	MW-991-056



QUALITY INVESTIGATION REPORT

Analysis Date: 3/16/99
 Extraction Date: NA
 Analyst: Cecilia Lei

QIR No. MS-99-035
 Analysis: 524
 Matrix: Water
 Instrument ID: GCMS-H

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
990302 see attached copy of runlog			(all samples in runlog except 990302, 322 and North Creek 323)		Austin

Brief Description: (include reason for non-compliance)

① Freon 113 detected above MRL in method Blank
 (MRL = 0.5 ppb) (at 1.3 ppb) due to contamination
 in 15/500 solution

② 990304024 (North Creek Analytical) analyzed X5
 for TCA 1 day past HT

Action Taken:

Freon 113 contamination traced to Internal Standard
 solution.

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

① North Creek
 Client Contact: Report within HT w/ comment re confirmation
 conc past HT. Done 3/19/99
 ② Ensure flag &
 WFD, Austin - Report and Annotate as above

Extraction: _____
 Analyst: Cecilia Lei
 Group Leader: Theresa Cox
 QA Coordinator: _____
 Project Manager: Shelly Lee

Date: _____
 Date: 3/18/99
 Date: 3/29/99
 Date: 03/29/99
 Date: 3/22/99

March 10th 1999~~524/624~~ 524 (C)

CCL

0316 V H 01 ✓		25 NG BFD (9:28)	em 1953 V
1	1.2 ppb from 2	LRB	
2	Freon ↑ CHB ↓ 3 ✓	41 ppb WRA LFB	
3	4 ✓	10 ppb WRA CCV SH	
4	5 ✓	8 ppb WRA LFB	
10	87 ✓	LRB	
11	pH < 2	88 / (02402) 990309409-01	ENSEARCH MW-991-0
12		98 / (02409) 990309410-01	MW-991-0
13		108 / (02420) 990309411-01	MW-991-0
14		118 / (02426) 990309412-01	MW-991-0
15		128 / (02432) 990309413-01	MW-991-0
16		138 / (02445) 990309418-01	MW-991-0
1		148 / (02467) 990309407-01	MW-991-0
2		158 / (02467) 990309405-01	WRD 29094
3		168 / (02467) 990309406-01	1520 H
4	(No backup)	178 / (02443) 990310523-01	ENSEARCH MW-991-0
5		188 / (02451) 990310525-01	-0
6		198 / (02447) 990310522-01	-10
7		208 / (02452) 990310524-01	-10
8		218 / (4045) 9903094024	North Creek Inf
10		228 / (02434) 990309413-07	ENSEARCH MW-991-0
11		238 / (02436) 990309413-09	MW-991-0
12		248 / (02436) 990309414-01	WRD 29094
13	will return { *	258 / (TCA 16) 9903094076-03	North Creek
14		268 / (TCA 16) 990309322-01	T-8.11
16	(From ND) 3/6/99 28	Blank (NO IS/SOI) From 113	2-8.11

* run after 27 (CCL)

Report Summary of positive results, PR52447

			Result	MDL	UNITS
Analyzed	990309407	MW-991-098			
03/16/99	Trichlorotrifluoroethane (Freon		1.1 B	.500	UGL
Analyzed	990309408	MW-991-099			
03/16/99	Trichlorotrifluoroethane (Freon		1.2 B	.500	UGL
Analyzed	990309409	MW-991-011			
03/16/99	Trichlorotrifluoroethane (Freon		1.3 B	.500	UGL
03/09/99	Alkalinity		108	2.000	MGL
03/19/99	Anion Sum		3.38	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated		127	.001	MGL
03/24/99	Calcium, Total, ICAP		4.89	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		10.4	.001	MGL
03/24/99	Cation Sum		3.45	.001	MEQL
03/11/99	Chloride		7.7	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		340	*****	UGL
03/10/99	Lab pH		9.1	.001	UNIT
03/24/99	Sodium, Total, ICAP		72.0	1.000	MGL
03/11/99	Specific Conductance		365	4.000	UMHO
03/11/99	Sulfate		48	2.000	MGL
03/15/99	Total Dissolved Solid (TDS)		230	10.000	MGL
Analyzed	990309410	MW-991-012			
03/16/99	Trichlorotrifluoroethane (Freon		1.3 B	.500	UGL
03/09/99	Alkalinity		138	2.000	MGL
03/19/99	Anion Sum		3.59	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated		168	.001	MGL
03/24/99	Calcium, Total, ICAP		33.2	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		0.867	.001	MGL
03/24/99	Cation Sum		3.62	.001	MEQL
03/11/99	Chloride		12	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		1060	*****	UGL
03/10/99	Lab pH		7.9	.001	UNIT
03/24/99	Magnesium, Total, ICAP		9.78	1.000	MGL
03/11/99	Nitrate-N by IC		4.9	.100	MGL
03/24/99	Potassium, Total, ICAP		1.51	1.000	MGL
03/24/99	Sodium, Total, ICAP		25.7	1.000	MGL
03/11/99	Specific Conductance		340	4.000	UMHO
03/11/99	Sulfate		6.9	2.000	MGL
03/15/99	Total Dissolved Solid (TDS)		200	10.000	MGL
Analyzed	990309411	MW-991-013			
03/16/99	Trichlorotrifluoroethane (Freon		1.3 B	.500	UGL
03/09/99	Alkalinity		151	2.000	MGL
03/19/99	Anion Sum		4.95	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated		184	.001	MGL
03/24/99	Calcium, Total, ICAP		45.4	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated		1.20	.001	MGL
03/24/99	Cation Sum		4.88	.001	MEQL
03/11/99	Chloride		30	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		470	*****	UGL

03/10/99	Lab pH	8.0	.001	UNIT
03/24/99	Magnesium, Total, ICAP	14.3	1.000	MGL
03/11/99	Nitrate-N by IC	9.0	.100	MGL
03/24/99	Potassium, Total, ICAP	1.80	1.000	MGL
03/24/99	Sodium, Total, ICAP	31.8	1.000	MGL
03/11/99	Specific Conductance	470	4.000	UMHO
03/11/99	Sulfate	21	2.000	MGL
03/15/99	Total Dissolved Solid (TDS)	310	10.000	MGL

Analyzed 990309412 MW-991-014

03/16/99	Trichloroethylene (TCE)	0.6	.500	UGL
03/16/99	Trichlorotrifluoroethane (Freon)	1.4 B	.500	UGL
03/09/99	Alkalinity	180	2.000	MGL
03/19/99	Anion Sum	7.16	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	219	.001	MGL
03/24/99	Calcium, Total, ICAP	72.4	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	0.713	.001	MGL
03/24/99	Cation Sum	7.19	.001	MEQL
03/11/99	Chloride	59	2.000	MGL
03/17/99	Iron, Total, ICAP/MS	620	*****	UGL
03/10/99	Lab pH	7.7	.001	UNIT
03/24/99	Magnesium, Total, ICAP	26.5	1.000	MGL
03/11/99	Nitrate-N by IC	9.4	.200	MGL
03/24/99	Potassium, Total, ICAP	2.26	1.000	MGL
03/24/99	Sodium, Total, ICAP	30.6	1.000	MGL
03/11/99	Specific Conductance	670	4.000	UMHO
03/11/99	Sulfate	59	4.000	MGL
03/15/99	Total Dissolved Solid (TDS)	440	10.000	MGL

Analyzed 990309413 MW-991-015

03/16/99	1,1-Dichloroethane	1.0	.500	UGL
03/16/99	Chloroform (Trichloromethane)	0.5	.500	UGL
03/16/99	Tetrachloroethylene (PCE)	3.6	.500	UGL
03/16/99	Trichloroethylene (TCE)	0.6	.500	UGL
03/16/99	Trichlorotrifluoroethane (Freon)	1.3 B	.500	UGL
03/09/99	Alkalinity	227	2.000	MGL
03/19/99	Anion Sum	12.3	.001	MEQL
03/12/99	Bicarbonate as HCO ₃ , calculated	277	.001	MGL
03/24/99	Calcium, Total, ICAP	138	1.000	MGL
03/12/99	Carbonate as CO ₃ , Calculated	0.285	.001	MGL
03/24/99	Cation Sum	12.3	.001	MEQL
03/11/99	Chloride	120	2.000	MGL
03/17/99	Iron, Total, ICAP/MS	1900	*****	UGL
03/10/99	Lab pH	7.2	.001	UNIT
03/24/99	Magnesium, Total, ICAP	48.0	1.000	MGL
03/11/99	Nitrate-N by IC	12	.200	MGL
03/17/99	Perchlorate	6.4	4.000	UGL
03/24/99	Potassium, Total, ICAP	2.60	1.000	MGL
03/24/99	Sodium, Total, ICAP	31.5	1.000	MGL
03/11/99	Specific Conductance	1100	4.000	UMHO
03/11/99	Sulfate	170	4.000	MGL
03/15/99	Total Dissolved Solid (TDS)	670	10.000	MGL



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

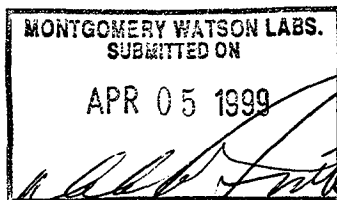
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52447
JPL



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)

Report
Comments
#52447

Group Comments

(524.2) Freon113 detected in Method blank and samples are due to contamination in internal standard/surrogate solution. See QIR-MS-99-035. GG 3/28/99.

(990309407)

@EBASVOA

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the internal standard solution. Reference QIR-MS-99-035.

(990309408)

@EBASVOA

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to internal standard solution. Reference QIR-MS-99-035.

(990309409)

@EBASVOA

B indicates that the analyte is also detected in the method blank. Freon 113 contamination in internal standard solution. Reference QIR-MS-99-035.

(990309410)

@EBASVOA

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the internal standard solution. Reference QIR-MS-99-035.

(990309411)

@EBASVOA

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the internal standard solution. Reference QIR-MS-99-035.

(990309412)

@EBASVOA

B indicates that the analyte is also detected in the method



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)

Report
Comments
#52447

blank. Freon 113 contamination traced to the internal
standard solution. Reference QIR-MS-99-035.

(990309413)

@EBASVOA

B indicates that the analyte is also detected in the method
blank. Freon 113 contamination traced to the internal
standard solution. Reference QIR-MS-99-035.

**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****#52447**

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

Samples Received
09-mar-1999 16:08:48

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-098 (990309407)			Sampled on 03/09/99					
Regulated VOCs plus Lists 1&3								
03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.1 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

**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****#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-099 (990309408) Sampled on 03/09/99								
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.2 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		

**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****#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	91	% Rec		
MW-991-011 (990309409) Sampled on 03/09/99								
	03/09/99	93270	(ML/SM2320B)	Alkalinity	108	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	3.38	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	4.89	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.45	meq/l	0.0010	1
	03/11/99	93534	(ML/EPA 300)	Chloride	7.7	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	10.4	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	365	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	340	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	127	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	ND	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	ND	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	72.0	mg/l	1.0	1
	03/11/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	9.1	Units	0.0010	1
	03/11/99	93539	(ML/EPA 300.0)	Sulfate	48	mg/l	2.0	1
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	230	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.3 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	93	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	92	% Rec		

MW-991-012 (990309410) Sampled on 03/09/99

	03/09/99	93270	(ML/SM2320B)	Alkalinity	138	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	3.59	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	33.2	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.62	meq/l	0.0010	1
	03/11/99	93534	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.867	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	340	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1060	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	168	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.51	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	9.78	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	25.7	mg/l	1.0	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	4.9	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	7.9	Units	0.0010	1
	03/11/99	93539	(ML/EPA 300.0)	Sulfate	6.9	mg/l	2.0	1
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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****#52447****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.3 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	98	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

**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
 #52447**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-013 (990309411)				Sampled on 03/09/99				
	03/09/99	93270	(ML/SM2320B)	Alkalinity	151	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	4.95	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	45.4	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.88	meq/l	0.0010	1
	03/11/99	93534	(ML/EPA 300)	Chloride	30	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.20	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	470	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	470	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	184	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.80	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	14.3	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	31.8	mg/l	1.0	1
	03/11/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	9.0	mg/l	0.10	1
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	8.0	Units	0.0010	1
	03/11/99	93539	(ML/EPA 300.0)	Sulfate	21	mg/l	2.0	1
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	310	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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****#52447****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.3 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	91	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		

MW-991-014 (990309412) Sampled on 03/09/99

	03/09/99	93270	(ML/SM2320B)	Alkalinity	180	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	7.16	meq/l	0.0010	1
03/16/99	03/17/99	93591	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	72.4	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	7.19	meq/l	0.0010	1
	03/11/99	93534	(ML/EPA 300)	Chloride	59	mg/l	2.0	2
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.713	mg/l	0.0010	1
03/16/99	03/17/99	93548	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93268	(ML/S2510B)	Specific Conductance	670	umho/cm	4.0	1
03/16/99	03/17/99	93549	(EPA/ML 200.8)	Iron, Total, ICAP/MS	620	ug/l	100	1
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	219	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.26	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	26.5	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	30.6	mg/l	1.0	1
	03/11/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	9.4	mg/l	0.20	2

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/16/99	03/17/99	93550	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	7.7	Units	0.0010	1
	03/11/99	93539	(ML/EPA 300.0)	Sulfate	59	mg/l	4.0	2
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	440	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.6	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.4 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	97	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

**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
#52447**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-015 (990309413) Sampled on 03/09/99								
	03/09/99	93270	(ML/SM2320B)	Alkalinity	227	mg/l	2.0	1
	03/19/99		(ML/SM1040)	Anion Sum	12.3	meq/l	0.0010	1
03/16/99	03/17/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	138	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	12.3	meq/l	0.0010	1
	03/11/99	93534	(ML/EPA 300)	Chloride	120	mg/l	2.0	2
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	6.4	ug/l	4.0	1
	03/12/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.285	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/09/99	93214	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93269	(ML/S2510B)	Specific Conductance	1100	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1900	ug/l	500	5
	03/12/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	277	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.60	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	48.0	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	31.5	mg/l	1.0	1
	03/11/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	12	mg/l	0.20	2
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/10/99	93218	(ML/SM 4500HB)	Lab pH	7.2	Units	0.0010	1
	03/11/99	93539	(ML/EPA 300.0)	Sulfate	170	mg/l	4.0	2
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	670	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	1.0	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52447**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52447**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.6	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.6	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.3 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	89	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

**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
QC Report
#52447**

Foster Wheeler Environmental, Inc

QC Batch #93214**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309412		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0493	98.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0487	97.4	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0505	101.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0505	101.0	(80.00 - 120.00)	0.00

QC Batch #93218**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	

QC Batch #93268**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0309412		(0.00 - 0.00)	

QC Batch #93269**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0310526		(0.00 - 0.00)	

QC Batch #93270**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	97.7	102.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.7	101.6	(90.00 - 110.00)	0.00
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	90.0	93.6	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	1.1

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**

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**QC Report****#52447**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93534****Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Chloride	25	24.0	96.0	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	4.9
MBLK	Chloride	ND				
MS	Chloride	25	27.2	108.8	(80.00 - 120.00)	
MSD	Chloride	25	27.2	108.8	(80.00 - 120.00)	0.00

QC Batch #93537**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.42	96.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.53	101.2	(90.00 - 110.00)	4.4
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	0.00

QC Batch #93539**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Sulfate	50	47.7	95.4	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	4.9
MBLK	Sulfate	ND				
MS	Sulfate	50	52.8	105.6	(80.00 - 120.00)	
MSD	Sulfate	50	52.8	105.6	(80.00 - 120.00)	0.00

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**

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**QC Report****#52447**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93548****Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	2.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	3.1

QC Batch #93549**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	491	98.2	(85.00 - 115.00)	1.0
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	385	77.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	470	94.0	(70.00 - 130.00)	20

QC Batch #93550**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.9	104.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.4	107.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>1.5</u>			
MS	Lead, Total, ICAP/MS	20.0	19.9	99.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.2	106.0	(70.00 - 130.00)	6.3

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**

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

QC Report

#52447

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93572****Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	5.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.9	109.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	5.2

QC Batch #93578**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	100	100.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	1.0

QC Batch #93579**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	482	96.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	513	102.6	(85.00 - 115.00)	6.2
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	462	92.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	465	93.0	(70.00 - 130.00)	0.65

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**

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**QC Report****#52447**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93580****Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	19.8	99.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.2	106.0	(85.00 - 115.00)	6.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.6	108.0	(70.00 - 130.00)	0.93

QC Batch #93591**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0305282		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	0.98
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0186	93.0	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0182	91.0	(70.00 - 130.00)	2.2

QC Batch #93596**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0311298		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	674	96.3	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	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.

**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

QC Report

#52447

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93648****Arsenic, Total, GF**

QC	Analyte	Spiked Lab # 99	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	0309413			(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0192	96.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0205	102.5	(85.00 - 115.00)	6.5
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0212	106.0	(70.00 - 130.00)	0.47

QC Batch #93786**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.93	98.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.32	83.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.82	95.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.79	94.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.94	123.5	(70.00 - 130.00)	3.5
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	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.

**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
 QC Report
 #52447

Foster Wheeler Environmental, Inc
 (continued)

LCS1	1,2-Dichloropropane	4	3.88	97.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.90	86.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.53	88.2	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Benzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.98	99.5	(70.00 - 130.00)	
MSD	Benzene	4	4.03	100.8	(70.00 - 130.00)	1.2
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.92	98.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.69	92.2	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.62	90.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.92	98.0	(70.00 - 130.00)	8.0
LCS1	Carbon Tetrachloride	4	3.77	94.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	2.99	74.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.94	98.5	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.43	85.8	(70.00 - 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.

**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**QC Report****#52447**Foster Wheeler Environmental, Inc
(continued)

MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.61	90.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.64	91.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.72	93.0	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.52	94.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.57	89.2	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.76	94.0	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.55	88.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	105	105.0		
MS	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	0.93
LCS1	Toluene-d8	100	98.5	98.5	(80.00 - 120.00)	
MBLK	Toluene-d8	100	101	101.0		
MS	Toluene-d8	100	94.8	94.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	90.6	90.6	(80.00 - 120.00)	4.5

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**

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
 QC Report
 #52447

Foster Wheeler Environmental, Inc
 (continued)

LCS1	4-Bromofluorobenzene	100	93.1	93.1	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	104	104.0		
MS	4-Bromofluorobenzene	100	97.8	97.8	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	3.2
LCS1	trans-1,2-Dichloroethylene	4	3.75	93.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.07	101.8	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.46	111.5	(70.00 - 130.00)	9.1
LCS1	Trichlorotrifluoroethane (Freon)	4	4.70	117.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND	<u>1.3</u>			
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.86	96.5	(70.00 - 130.00)	
MSD	Toluene	4	3.81	95.2	(70.00 - 130.00)	1.3
LCS1	Vinyl chloride (VC)	2	1.97	98.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

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**

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

QC Report

#52447

Foster Wheeler Environmental, Inc
(continued)**QC Batch #94002****Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

QC Batch #94004**Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

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.

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52507 (MW-991-100, MW-991-037, MW-991-101,
MW-991-039, MW-991-040)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

Freon 113 (Trichlorotrifluoroethane) was detected in the blank for QC batch 93786. Associated samples are flagged with a B.

Other Comments:

The sample containers for VOCs for site ID MW-991-040 were broken in storage before analysis could occur. The storage temperature readings were within the specified temperature of 2-6C, at 2C. The temperature may have dropped lower, between checks, for this to occur. Adjustments to the temperature control were made to try to prevent fluctuations outside of the required storage temperature range. Results for volatiles for this sample are not submitted with this report group.

Trichlorotrifluoroethane was detected in MW-991-100, -037, -101, -039

Trichloroethylene was detected in MW-991-037

Chloroform was detected in MW-991-037, -039

Perchlorate was detected in MW-991-037

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
 , Los Angeles, CA 90051-3508
 PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
 PO#: Sub PO#007618-0005-0001
 Group#: 52507
 Project#: JPL
 Proj Mgr: Debbie Frank
 Phone: (714) 444-5526

The following samples were received from you on 03/10/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990310522	MW-991-100	@EBASVOA	Water	03/10/99
990310523	MW-991-037	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/10/99
990310524	MW-991-101	@EBASVOA CR-EBAS PB-EBAS AS-EBAS CR-VI CLO4	Water	03/10/99
990310525	MW-991-039	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/10/99
990310526	MW-991-040	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/10/99

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52507
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3, calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



52507

NUMBER 2131

TEMP = 4-11

B. D. REC

100 OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0268.0000		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS										
PROJECT ADDRESS 4800 Oak Creek Drive, Pasadena, CA																
SAMPLER (Name) Robert Feldpausch		SAMPLER (Signature) <i>R. Feldpausch</i>		ANALYSES REQUIRED												
LABORATORY Montgomery Watson																
REPORTS TO BE SENT TO Mark Cutler																
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOGS (524.2)	Total Metals Cr, As, Pb (10010/7000)	Anions + TDS	Cr + Cu	C104	MS for DOGS	MS for DOGS	MS for DOGS	QC for Cr + Cu
					WATER	SOIL	OTHER (Describe)									
MW-991-100	1030	3/10/99	2	40 ml	X			X								
MW-991-037	1115	3/10/99	6	40 ml, 250 ml, 500 ml, 125 ml	X			X	X	X	X	X				
MW-991-101	1245	3/10/99	5	2x40 ml, 1x250 ml, 2x125 ml	X			X	X	X	X	X				
MW-991-039	1320	3/10/99	6	2x40 ml, 1x250 ml, 1x500 ml, 2x125 ml	X			X	X	X	X	X				
MW-991-040	1400	3/10/99	6	2x40 ml, 1x250 ml, 1x500 ml, 2x125 ml	X			X	X	X	X	X				X
end																

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature) <i>R. Feldpausch</i>	DATE 3-10-99	RECEIVED BY (Signature) <i>M. De M...</i>	DATE	RECEIVED BY (Signature)
COMPANY Foster Wheeler	TIME 3:10	COMPANY M.W.	TIME	COMPANY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 3-10-99
 Use other side of this form to note further details concerning check-in problems
 and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-10-99
 by (print) MARTIN L. DEMESA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
 If YES, attach & enter carrier and air bill # here: DELIVERED BY CLIENT
2. Were custody seals on outside of cooler? Yes No
 If YES, how many & where: 2 LID OF COOLER
 If Yes, enter the following: seal date: 3-10-99, seal name: RF
3. Were custody seals unbroken & intact at delivery? Yes No
4. Were custody papers sealed in bag & 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 to acknowledge receipt: MLD (date) 3-10-99

B. LOG-IN PHASE: Date samples were logged in: 3-10-99 by:
 (print) M. DEMESA (sign) [Signature]

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/in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, pres)? Yes No
14. Did all bottle labels agree with custody papers?
 If NO, indicate discrepancies 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

QUALITY INVESTIGATION REPORT

Analysis Date: 3/16/99
 Extraction Date: NA
 Analyst: Cecilia Lei

QIR No. MS-99-035
 Analysis: 524
 Matrix: Water
 Instrument ID: GCMS-H

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
990 302			(all samples in runlog except 990 309 322 and North Creek 323)		Austin
see attached copy of runlog					

Brief Description: (include reason for non-compliance)

- ① Freon 113 detected above MRL in method Blank (MRL = 0.5 ppb) (at 1.3 ppb) due to contamination in 15/500 solution
- ② 990304024 (North Creek Analytical) analyzed X5 for TCA 1 day past HT

Action Taken:

Freon 113 contamination traced to Internal Standard solution.

Impact on Data Quality:

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☒

Other:

Annotation:

① North Creek
 Client Contact: Report within HT w/ comment re confirmation conc past HT. DAB 3/19/99
 ② Enrich flag & WFD, Austin - Report and Annotate as above

Extraction: _____
 Analyst: Cecilia Lei
 Group Leader: Theresa Cro
 QA Coordinator: _____
 Project Manager: Shirley Ann Hamer

Date: 3/18/99
 Date: 3/29/99
 Date: 03/29/99
 Date: 3/22/99

March 10th 1999

524/621 524 (C)

CCL

	03116 VFI 01 ✓	25 NG BFD (9:28)	em 1953 V
1	1.2 ppb from 2	LRB	
2	Freeon ↑ CHBr ₃ ↓	41 ppb WDA LFB	
3		10 ppb WDA CCV SCL	
4		8 ppb WDA LFB	
10	87 ✓	LRB	
11	pH < 2	8 X (02402) 990309409-01	Enserch MW-991-0
12		9 X (02409) 990309410-01	MW-991-0
13		10 X (02420) 990309411-01	MW-991-0
14		11 X (02426) 990309412-01	MW-991-0
15		12 X (02432) 990309413-01	MW-991-0
16		13 X (02445) 9903094108-01	MW-991-0
1		14 X (02467) 9903094107-01	MW-991-0
2		15 X (02403) 990303005-01	WRD 29094
3		16 X (02403) 990303006-01	152011
4	(No backup)	17 X (02443) 990310523-01	Enserch MW-991-0
5		18 X (02451) 990310525-01	-0
6		19 X (02449) 990310522-01	-10
7		20 X (02452) 990310524-01	-10
8		21 X (02455) 990304024	North Creek Inf
10		22 X (02434) 990309413-01	Enserch MW-991-0
11		23 X (02436) 990309413-01	MW-991-0
12		24 X (02444) 990309414-01	WRD 29094
13	will rerun (*)	25 X (TCA 14) 990304026-03	North Creek
14		26 X (02432) 990309322-01	MW-991-0
15		27 X (02432) 990309322-01	MW-991-0
16	(From IV) 3/16/99 28	Blank (NO IS/SOL) From 112 ca	

* run after 27 (C)

Report Summary of positive results, PR52507

			Result	MDL	UNITS
Analyzed	990310522	MW-991-100			
03/16/99	Trichlorotrifluoroethane (Freon		1.2 B	.500	UGL
Analyzed	990310523	MW-991-037			
03/16/99	Chloroform (Trichloromethane)		1.8	.500	UGL
03/16/99	Trichloroethylene (TCE)		3.8	.500	UGL
03/16/99	Trichlorotrifluoroethane (Freon		1.0 B	.500	UGL
03/17/99	Alkalinity		164	2.000	MGL
03/23/99	Anion Sum		4.43	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ , calculated		200	.001	MGL
03/24/99	Calcium, Total, ICAP		45.6	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		1.03	.001	MGL
03/24/99	Cation Sum		4.53	.001	MEQL
03/12/99	Chloride		11	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		760	*****	UGL
03/12/99	Lab pH		7.9	.001	UNIT
03/24/99	Magnesium, Total, ICAP		12.5	1.000	MGL
03/12/99	Nitrate-N by IC		1.6	.100	MGL
03/17/99	Perchlorate		9.8	4.000	UGL
03/24/99	Potassium, Total, ICAP		1.46	1.000	MGL
03/24/99	Sodium, Total, ICAP		27.2	1.000	MGL
3/11/99	Specific Conductance		405	4.000	UMHO
03/12/99	Sulfate		35	2.000	MGL
03/15/99	Total Dissolved Solid (TDS)		250	10.000	MGL
Analyzed	990310524	MW-991-101			
03/16/99	Trichlorotrifluoroethane (Freon		1.1 B	.500	UGL
Analyzed	990310525	MW-991-039			
03/16/99	Chloroform (Trichloromethane)		3.9	.500	UGL
03/16/99	Trichlorotrifluoroethane (Freon		1.0 B	.500	UGL
03/17/99	Alkalinity		145	2.000	MGL
03/23/99	Anion Sum		3.75	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ , calculated		177	.001	MGL
03/24/99	Calcium, Total, ICAP		41.2	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		0.364	.001	MGL
03/24/99	Cation Sum		3.84	.001	MEQL
03/12/99	Chloride		6.9	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		295	*****	UGL
03/12/99	Lab pH		7.5	.001	UNIT
03/24/99	Magnesium, Total, ICAP		13.8	1.000	MGL
03/12/99	Nitrate-N by IC		1.0	.100	MGL
03/24/99	Potassium, Total, ICAP		2.08	1.000	MGL
03/24/99	Sodium, Total, ICAP		13.6	1.000	MGL
03/11/99	Specific Conductance		355	4.000	UMHO
03/12/99	Sulfate		28	2.000	MGL
03/15/99	Total Dissolved Solid (TDS)		220	10.000	MGL
Analyzed	990310526	MW-991-040			
03/22/99	Alkalinity		143	2.000	MGL
03/31/99	Anion Sum		3.61	.001	MEQL

03/23/99	Bicarbonate as HCO ₃ ,calculated	174	.001	MGL
03/24/99	Calcium, Total, ICAP	40.9	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.05	.001	MGL
03/24/99	Cation Sum	3.74	.001	MEQL
03/12/99	Chloride	7.4	1.000	MGL
03/17/99	Iron, Total, ICAP/MS	155	*****	UGL
03/12/99	Lab pH	7.3	.001	UNIT
03/24/99	Magnesium, Total, ICAP	13.0	1.000	MGL
03/12/99	Nitrate-N by IC	0.33	.100	MGL
03/24/99	Potassium, Total, ICAP	1.99	1.000	MGL
03/24/99	Sodium, Total, ICAP	13.2	1.000	MGL
03/11/99	Specific Conductance	335	4.000	UMHO
03/12/99	Sulfate	25	2.000	MGL
03/17/99	Total Dissolved Solid (TDS)	220	10.000	MGL



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

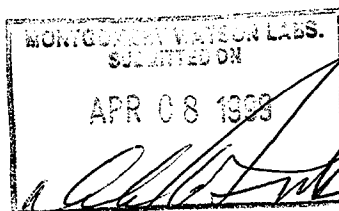
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52507
JPL

**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)

**Report
Comments
#52507****Group Comments**

(524.2) Freon113 detected in samples and in Reagent Blank is due to laboratory contamination. The Internal standard and surrogate mix was contaminated. See QIR-MS-99-035. GG 3/20/99.

(990310522)**@EBASVOA**

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the method blank. Reference QIR-MS-99-035.

(990310523)**@EBASVOA**

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to internal standard solution. Reference QIR-MS-99-035.

(990310524)**@EBASVOA**

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the internal standard solution. Reference QIR-MS-99-035.

(990310525)**@EBASVOA**

B indicates that the analyte is also detected in the method blank. Freon 113 contamination traced to the internal standard solution. Reference QIR-MS-99-035.

(990310526)**@EBASVOA**

Both vials for volatiles analysis were broken in the sample refrigerator. Client will resample.

**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
#52507**

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

Samples Received
10-mar-1999 16:16:43

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-100 (990310522)				Sampled on 03/10/99				
Regulated VOCs plus Lists 1&3								
03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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****#52507****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.2 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	98	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-037 (990310523)				Sampled on 03/10/99				
	03/17/99	93820	(ML/SM2320B)	Alkalinity	164	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	4.43	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	45.6	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.53	meq/l	0.0010	1
	03/12/99	93534	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	9.8	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.03	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/10/99	93223	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93269	(ML/S2510B)	Specific Conductance	405	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	760	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	200	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.46	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.5	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	27.2	mg/l	1.0	1
	03/12/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	1.6	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.9	Units	0.0010	1
	03/12/99	93539	(ML/EPA 300.0)	Sulfate	35	mg/l	2.0	1
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.8	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.8	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.0 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	103	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

MW-991-101 (990310524) Sampled on 03/10/99

03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/10/99	93223	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.1 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	116	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	84	% Rec		

MW-991-039 (990310525) Sampled on 03/10/99

	03/17/99	93820	(ML/SM2320B)	Alkalinity	145	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	3.75	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	41.2	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.84	meq/l	0.0010	1
	03/12/99	93534	(ML/EPA 300)	Chloride	6.9	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.364	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/10/99	93223	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93269	(ML/S2510B)	Specific Conductance	355	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	295	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	177	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.08	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.8	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	13.6	mg/l	1.0	1

**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****#52507****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	1.0	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.5	Units	0.0010	1
	03/12/99	93539	(ML/EPA 300.0)	Sulfate	28	mg/l	2.0	1
	03/15/99	93596	(ML/S2540C)	Total Dissolved Solid (TDS)	220	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93786	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/16/99	93786	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93786	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.9	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.0 B	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/16/99	93786	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/16/99	93786	(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	96	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-040 (990310526) Sampled on 03/10/99								
	03/22/99	93820	(ML/SM2320B)	Alkalinity	143	mg/l	2.0	1
	03/31/99		(ML/SM1040)	Anion Sum	3.61	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	40.9	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.74	meq/l	0.0010	1
	03/12/99	93534	(ML/EPA 300)	Chloride	7.4	mg/l	1.0	1
	03/17/99	93572	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.05	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/10/99	93223	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/11/99	93269	(ML/S2510B)	Specific Conductance	335	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	155	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	174	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.99	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.0	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	13.2	mg/l	1.0	1
	03/12/99	93537	(ML/EPA 300.0)	Nitrate-N by IC	0.33	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.3	Units	0.0010	1
	03/12/99	93539	(ML/EPA 300.0)	Sulfate	25	mg/l	2.0	1
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	220	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/16/99	93789	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1-Dichloroethylene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1

**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
#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93789	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	03/16/99	93789	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	p-Chlorotoluene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	03/16/99	93789	(ML/EPA 524.2)	Benzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Chlorobenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Chloroform (Trichloromethane)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1

**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****#52507**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/16/99	93789	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Trichloroethylene (TCE)	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Toluene	NA	ug/l	0.50	1
	03/16/99	93789	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	NA	% Rec		
			(Surrogate)	4-Bromofluorobenzene	NA	% Rec		
			(Surrogate)	Toluene-d8	NA	% Rec		

**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
QC Report
#52507**

Foster Wheeler Environmental, Inc

QC Batch #93223**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0310526		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0483	96.6	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0496	99.2	(80.00 - 120.00)	2.7

QC Batch #93269**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0310526		(0.00 - 0.00)	

QC Batch #93420**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 99	0311316		(0.00 - 0.00)	

QC Batch #93534**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Chloride	25	24.0	96.0	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	4.9
MBLK	Chloride	ND				
MS	Chloride	25	27.2	108.8	(80.00 - 120.00)	
MSD	Chloride	25	27.2	108.8	(80.00 - 120.00)	0.00

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**

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

QC Report

#52507

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93537****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.42	96.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.53	101.2	(90.00 - 110.00)	4.4
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	0.00

QC Batch #93539**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309410		(0.00 - 0.00)	
LCS1	Sulfate	50	47.7	95.4	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	4.9
MBLK	Sulfate	ND				
MS	Sulfate	50	52.8	105.6	(80.00 - 120.00)	
MSD	Sulfate	50	52.8	105.6	(80.00 - 120.00)	0.00

QC Batch #93572**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309317		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	18.9	94.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20	100.0	(90.00 - 110.00)	5.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	21.9	109.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	5.2

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**

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
QC Report
#52507

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93578**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	100	100.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	1.0

QC Batch #93579**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	482	96.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	513	102.6	(85.00 - 115.00)	6.2
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	462	92.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	465	93.0	(70.00 - 130.00)	0.65

QC Batch #93580**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	19.8	99.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.2	106.0	(85.00 - 115.00)	6.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.6	108.0	(70.00 - 130.00)	0.93

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**

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

QC Report

#52507

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93596

Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0311298		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	674	96.3	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93648

Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0192	96.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0205	102.5	(85.00 - 115.00)	6.5
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0212	106.0	(70.00 - 130.00)	0.47

QC Batch #93786

Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.93	98.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.32	83.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.82	95.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.11	102.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.79	94.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.77	119.2	(70.00 - 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.

**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
 QC Report
 #52507**

**Foster Wheeler Environmental, Inc
 (continued)**

MSD	1,1-Dichloroethylene	4	4.94	123.5	(70.00 - 130.00)	3.5
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.59	89.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.88	97.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.90	86.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.53	88.2	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Benzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.98	99.5	(70.00 - 130.00)	
MSD	Benzene	4	4.03	100.8	(70.00 - 130.00)	1.2
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.92	98.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.69	92.2	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.62	90.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.92	98.0	(70.00 - 130.00)	8.0
LCS1	Carbon Tetrachloride	4	3.77	94.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	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.

**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**QC Report****#52507**Foster Wheeler Environmental, Inc
(continued)

MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	4	2.99	74.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	3.94	98.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	3.43	85.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.61	90.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	3.64	91.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.72	93.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.08	104.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	7.52	94.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.87	96.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.57	89.2	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.76	94.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	4	3.55	88.8	(70.00 - 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.

**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**QC Report****#52507**Foster Wheeler Environmental, Inc
(continued)

MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	105	105.0		
MS	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	0.93
LCS1	Toluene-d8	100	98.5	98.5	(80.00 - 120.00)	
MBLK	Toluene-d8	100	101	101.0		
MS	Toluene-d8	100	94.8	94.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	90.6	90.6	(80.00 - 120.00)	4.5
LCS1	4-Bromofluorobenzene	100	93.1	93.1	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	104	104.0		
MS	4-Bromofluorobenzene	100	97.8	97.8	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	3.2
LCS1	trans-1,2-Dichloroethylene	4	3.75	93.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.78	94.5	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.07	101.8	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.46	111.5	(70.00 - 130.00)	9.1
LCS1	Trichlorotrifluoroethane (Freon)	4	4.70	117.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND	<u>1.3</u>			
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	4.00	100.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.86	96.5	(70.00 - 130.00)	
MSD	Toluene	4	3.81	95.2	(70.00 - 130.00)	1.3
LCS1	Vinyl chloride (VC)	2	1.97	98.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #93809**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0315352		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	670	95.7	(85.00 - 115.00)	

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**

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**QC Report****#52507**Foster Wheeler Environmental, Inc
(continued)

MBLK Total Dissolved Solid (TDS) ND

QC Batch #93820**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0317433		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.8	102.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	4.1
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	0.00

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

QC Batch #94002**Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

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**

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
QC Report
#52507**Foster Wheeler Environmental, Inc
(continued)**QC Batch #94004****Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52526 (MW-991-102, MW-991-103, MW-991-006,
MW-991-007, MW-991-008, MW-991-009, MW-991-010)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

MW-991-009 was diluted for Anions

Method blanks with compounds detected:

None

Other Comments:

1,1-Dichloroethylene was detected in MW-991-010
1,2,3-Trichlorobenzene was detected in MW-991-010
Carbon Tetrachloride was detected in MW-991-010
Chloroform was detected in MW-991-009, -010
Tetrachlorethylene was detected in MW-991-010
Trichloroethylene was detected in MW-991-010
Perchlorate was detected in MW-991-009, -010

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52526
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/11/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990311310	MW-991-102	@EBASVOA	Water	03/11/99
990311311	MW-991-103	@EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4	Water	03/11/99
990311312	MW-991-006	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/11/99
990311313	MW-991-007	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIC TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/11/99
990311314	MW-991-008	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIC TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/11/99
990311315	MW-991-009	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIC TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/11/99
990311316	MW-991-010	@EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIC TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/11/99

Test Acronym Description

Test Acronym	Description
--------------	-------------

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52526
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3, calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



525 001

TEMP. 3-7

REG ICE OK

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0260		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS																			
PROJECT ADDRESS 4300 OAK GROVE RD PRADERA CA				ANALYSES REQUIRED VOCS (52+1) <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																					
SAMPLER (Name) J. ZIMMER		SAMPLER (Signature) [Signature]																							
LABORATORY MONTGOMERY WATSON LABS																									
REPORTS TO BE SENT TO MONTGOMERY WATSON LABS																									
SAMPLE NUMBER M-971-104	TIME COLLECTED 1200	DATE COLLECTED 3/11/99	NUMBER OF CONTAINERS 2	CONTAINER SIZE(S) 2x40.01	SAMPLE MATERIAL																				
					WATER	SOIL	OTHER (Describe)																		
					x			x																	
LABORATORY INSTRUCTIONS/COMMENTS LEVEL IV WATCC																									
RELINQUISHED BY (Signature) [Signature]		DATE 3-11-99	RECEIVED BY (Signature) [Signature]		DATE	RECEIVED BY (Signature)																			
COMPANY Foster Wheeler		TIME 2:10	COMPANY		TIME	COMPANY																			

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

TEMP - 3-7

REG ICE OK

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0265		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS											
PROJECT ADDRESS 4900 OAK GLEN DRIVE PASADENA CA				ANALYSES REQUIRED													
SAMPLER (Name) D. BIRANNEK		SAMPLER (Signature) [Signature]		VOCs (52+2) Total As C-15 (600 ug/gal) MASS FRACTIONS PDS Hex C Pentachlor MS C-1 VOC MS C-2 VOC MS/MSD GC MS/MS C-1													
LABORATORY MONTGOMERY WATSON LABS																	
REPORTS TO BE SENT TO M. M. MARK C. JPL																	
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL												
					WATER	SOIL	OTHER (Describe)										
MW 991-102	0930	3/11/99	2	2 x 40ml	X			X									
MW 991-103	1045		5	2 x 40ml 1,250ml 2 x 125ml	X			X	X								
MW 991-026	0920		6	2 x 40ml 1,250ml 2 x 125ml x 500ml	X			X	X								
MW 991-007	1020		6	↓ 2 x 40ml 1,250ml 2 x 125ml x 500ml	X			X	X								X
MW 991-005	1130		2	2 x 40ml	X			X	X								X
MW 991-008	1130		2	2 x 40ml	X			X	X								X
MW 991-005M	1130		2	2 x 40ml	X			X	X								X
MW 991-009	1230		6	2 x 40ml 1 x 250ml 2 x 125ml x 500ml	X			X	X								X
MW 991-010	1230		6	↓	X			X	X								X
LABORATORY INSTRUCTIONS/COMMENTS Level IX GML/C																	
RELINQUISHED BY (Signature) [Signature]		DATE 3/11/99		RECEIVED BY (Signature) [Signature]		DATE 3/11/99		RELINQUISHED BY (Signature) [Signature]		DATE 3/11/99		RECEIVED BY (Signature) [Signature]		DATE 3/11/99		RECEIVED BY (Signature) [Signature]	
COMPANY Foster Wheeler		TIME 11:30		COMPANY Foster Wheeler		TIME 11:30		COMPANY Foster Wheeler		TIME 11:30		COMPANY Foster Wheeler		TIME 11:30		COMPANY Foster Wheeler	

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 3-11-99
 Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-11-99
 by (print) M. DE LUCA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No
 If YES, attach & enter carrier and air bill # here: DEL BY COURIER

2. Were custody seals on outside of cooler? Yes No
 If YES, how many & where: 2 LID OF COOLER
 If Yes, enter the following: seal date: 3-11-99, seal name: DE

3. Were custody seals unbroken & intact at delivery? Yes No

4. Were custody papers sealed in bag & 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 to acknowledge receipt: MLD (date) 3-11-99

B. LOG-IN PHASE: Date samples were logged-in: 3-11-99 by:
 (print) M. DE LUCA (sign) [Signature]

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/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No

14. Did all bottle labels agree with custody papers?
 If NO, indicate discrepancies 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



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)

Report
Comments
#52526

(990311314)

NO3

Result over-range, but confirmed on 3/17/99 set with
RPD<20%.

port Summary of positive results, PR52526

			Result	MDL	UNITS
Analyzed	990311310	MW-991-102			
Analyzed	990311311	MW-991-103			
Analyzed	990311312	MW-991-006			
03/17/99	Alkalinity		201	2.000	MGL
03/23/99	Anion Sum		5.36	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		222	.001	MGL
03/24/99	Calcium, Total, ICAP		6.24	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		57.4	.001	MGL
03/24/99	Cation Sum		5.25	.001	MEQL
03/12/99	Chloride		24	1.000	MGL
03/24/99	Iron, Total, ICAP/MS		130	*****	UGL
03/12/99	Lab pH		9.6	.001	UNIT
03/24/99	Magnesium, Total, ICAP		1.13	1.000	MGL
03/24/99	Potassium, Total, ICAP		2.58	1.000	MGL
03/24/99	Sodium, Total, ICAP		110	1.000	MGL
03/17/99	Specific Conductance		495	4.000	UMHO
03/12/99	Sulfate		32	2.000	MGL
03/17/99	Total Dissolved Solid (TDS)		300	10.000	MGL
Analyzed	990311313	MW-991-007			
03/17/99	Alkalinity		138	2.000	MGL
03/23/99	Anion Sum		3.68	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		168	.001	MGL
03/24/99	Calcium, Total, ICAP		32.2	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		0.867	.001	MGL
03/24/99	Cation Sum		3.66	.001	MEQL
03/12/99	Chloride		13	1.000	MGL
03/24/99	Iron, Total, ICAP/MS		290	*****	UGL
03/12/99	Lab pH		7.9	.001	UNIT
03/24/99	Magnesium, Total, ICAP		10.6	1.000	MGL
03/12/99	Nitrate-N by IC		6.0	.100	MGL
03/24/99	Potassium, Total, ICAP		1.66	1.000	MGL
03/24/99	Sodium, Total, ICAP		26.1	1.000	MGL
03/17/99	Specific Conductance		330	4.000	UMHO
03/12/99	Sulfate		6.0	2.000	MGL
03/17/99	Total Dissolved Solid (TDS)		200	10.000	MGL
Analyzed	990311314	MW-991-008			
03/17/99	Alkalinity		145	2.000	MGL
03/31/99	Anion Sum		4.80	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		177	.001	MGL
03/24/99	Calcium, Total, ICAP		47.0	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		0.726	.001	MGL
3/24/99	Cation Sum		4.84	.001	MEQL
3/12/99	Chloride		29	1.000	MGL
03/24/99	Iron, Total, ICAP/MS		550	*****	UGL
03/12/99	Lab pH		7.8	.001	UNIT
03/24/99	Magnesium, Total, ICAP		15.3	1.000	MGL
03/12/99	Nitrate-N by IC		10 (E)	.100	MGL

03/24/99	Potassium, Total, ICAP	1.75	1.000	MGL
03/24/99	Sodium, Total, ICAP	27.3	1.000	MGL
03/17/99	Specific Conductance	440	4.000	UMHO
03/12/99	Sulfate	17	2.000	MGL
03/17/99	Total Dissolved Solid (TDS)	270	10.000	MGL

Analyzed 990311315 MW-991-009

03/18/99	Chloroform (Trichloromethane)	0.5	.500	UGL
03/17/99	Alkalinity	195	2.000	MGL
03/23/99	Anion Sum	11.2	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated	238	.001	MGL
03/24/99	Calcium, Total, ICAP	117	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.309	.001	MGL
03/24/99	Cation Sum	10.7	.001	MEQL
03/12/99	Chloride	110	2.000	MGL
03/24/99	Iron, Total, ICAP/MS	540	*****	UGL
03/12/99	Lab pH	7.3	.001	UNIT
03/24/99	Magnesium, Total, ICAP	40.4	1.000	MGL
03/12/99	Nitrate-N by IC	15	.200	MGL
03/23/99	Perchlorate	7.7	4.000	UGL
03/24/99	Potassium, Total, ICAP	2.54	1.000	MGL
03/24/99	Sodium, Total, ICAP	33.3	1.000	MGL
03/17/99	Specific Conductance	950	4.000	UMHO
03/12/99	Sulfate	150	4.000	MGL
03/17/99	Total Dissolved Solid (TDS)	600	10.000	MGL

Analyzed 990311316 MW-991-010

03/18/99	1,1-Dichloroethylene	1.4	.500	UGL
03/18/99	1,2,3-Trichlorobenzene	0.6	.500	UGL
03/18/99	Carbon Tetrachloride	0.6	.500	UGL
03/18/99	Chloroform (Trichloromethane)	1.9	.500	UGL
03/18/99	Tetrachloroethylene (PCE)	1.1	.500	UGL
03/18/99	Trichloroethylene (TCE)	15	.500	UGL
03/17/99	Alkalinity	208	2.000	MGL
03/23/99	Anion Sum	10.9	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated	254	.001	MGL
03/24/99	Calcium, Total, ICAP	118	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.165	.001	MGL
03/24/99	Cation Sum	10.8	.001	MEQL
03/12/99	Chloride	100	2.000	MGL
03/24/99	Iron, Total, ICAP/MS	1030	*****	UGL
03/12/99	Lab pH	7.0	.001	UNIT
03/24/99	Magnesium, Total, ICAP	41.4	1.000	MGL
03/12/99	Nitrate-N by IC	14	.200	MGL
03/23/99	Perchlorate	8.4	4.000	UGL
03/24/99	Potassium, Total, ICAP	2.57	1.000	MGL
03/24/99	Sodium, Total, ICAP	32.7	1.000	MGL
03/17/99	Specific Conductance	935	4.000	UMHO
03/12/99	Sulfate	140	4.000	MGL
03/17/99	Total Dissolved Solid (TDS)	570	10.000	MGL



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

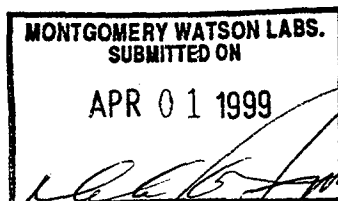
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52526
JPL

**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****#52526**

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

Samples Received
11-mar-1999 15:21:05

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-102 (990311310)				Sampled on 03/11/99				
Regulated VOCs plus Lists 1&3								
03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	92	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

**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****#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-103 (990311311)				Sampled on 03/11/99				
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	95	% Rec		

**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****#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	88	% Rec		
MW-991-006 (990311312) Sampled on 03/11/99								
	03/17/99	93820	(ML/SM2320B)	Alkalinity	201	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	5.36	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	6.24	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	5.25	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	24	mg/l	1.0	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	57.4	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93527	(ML/S2510B)	Specific Conductance	495	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	130	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	222	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.58	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	1.13	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	110	mg/l	1.0	1
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	9.6	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	32	mg/l	2.0	1
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	300	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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
#52526****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	100	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

MW-991-007 (990311313) Sampled on 03/11/99

	03/17/99	93820	(ML/SM2320B)	Alkalinity	138	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	3.68	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	32.2	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.66	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	13	mg/l	1.0	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.867	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93527	(ML/S2510B)	Specific Conductance	330	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	290	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	168	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.66	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	10.6	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	26.1	mg/l	1.0	1

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	6.0	mg/l	0.10	1
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.9	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	6.0	mg/l	2.0	1
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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****#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	91	% Rec		

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 566 6400 Fax: 626 566 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory
Report
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-008 (990311314)				Sampled on 03/11/99				
	03/17/99	93820	(ML/SM2320B)	Alkalinity	145	mg/l	2.0	1
	03/31/99		(ML/SM1040)	Anion Sum	4.80	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	47.0	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.84	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	29	mg/l	1.0	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.726	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93527	(ML/S2510B)	Specific Conductance	440	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	550	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	177	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.75	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	15.3	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	27.3	mg/l	1.0	1
	03/12/99	93919	(ML/EPA 300.0)	Nitrate-N by IC	10 (E)	mg/l	0.10	1
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.8	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	17	mg/l	2.0	1
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	270	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52526**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	96	% Rec		
			(Surrogate)	Toluene-d8	85	% Rec		

MW-991-009 (990311315) Sampled on 03/11/99

	03/17/99	93820	(ML/SM2320B)	Alkalinity	195	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	11.2	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	117	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	10.7	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	110	mg/l	2.0	2
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	7.7	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.309	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93527	(ML/S2510B)	Specific Conductance	950	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	540	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	238	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.54	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	40.4	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	33.3	mg/l	1.0	1
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	15	mg/l	0.20	2

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.3	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	150	mg/l	4.0	2
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	600	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2,3-Trichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1

**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
#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(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	88	% Rec		

**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****#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-010 (990311316) Sampled on 03/11/99								
	03/17/99	93820	(ML/SM2320B)	Alkalinity	208	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	10.9	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	118	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	10.8	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	100	mg/l	2.0	2
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	8.4	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.165	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/11/99	93301	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93527	(ML/S2510B)	Specific Conductance	935	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1030	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	254	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.57	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	41.4	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	32.7	mg/l	1.0	1
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	14	mg/l	0.20	2
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	7.0	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	140	mg/l	4.0	2
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	570	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloroethylene	1.4	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	0.6	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 826 568 6400 Fax: 626 568 6324
1 800 566 LABS (1 800 566 5227)

**Laboratory
Report
#52526**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93976	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Carbon Tetrachloride	0.6	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.9	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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****#52526**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93976	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.1	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichloroethylene (TCE)	15	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93976	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

**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
QC Report
#52526**

Foster Wheeler Environmental, Inc

QC Batch #93301**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0507	101.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0501	100.2	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0514	102.8	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0495	99.0	(80.00 - 120.00)	3.8

QC Batch #93420**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 99	0311316		(0.00 - 0.00)	

QC Batch #93527**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0311316		(0.00 - 0.00)	

QC Batch #93544**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Chloride	25	25.4	101.6	(90.00 - 110.00)	
LCS2	Chloride	25	25.5	102.0	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	25.4	101.6	(80.00 - 120.00)	
MSD	Chloride	25	25.5	102.0	(80.00 - 120.00)	0.39

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**

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**QC Report****#52526**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93546****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.54	101.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.56	102.4	(90.00 - 110.00)	0.78
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	0.00

QC Batch #93547**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Sulfate	50	50.3	100.6	(90.00 - 110.00)	
LCS2	Sulfate	50	50.6	101.2	(90.00 - 110.00)	0.59
MBLK	Sulfate	ND				
MS	Sulfate	50	48.9	97.8	(80.00 - 120.00)	
MSD	Sulfate	50	49.0	98.0	(80.00 - 120.00)	0.20

QC Batch #93809**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0315352		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	670	95.7	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	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.

**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
QC Report
#52526**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93820****Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0317433		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.8	102.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	4.1
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	0.00

QC Batch #93919**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.54	101.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.56	102.4	(90.00 - 110.00)	0.78
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	0.00

QC Batch #93976**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.42	85.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.70	92.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.24	81.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.58	89.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.87	96.8	(70.00 - 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.

**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

QC Report

#52526

Foster Wheeler Environmental, Inc
(continued)

MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	4.94	123.5	(70.00 - 130.00)	3.5
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.53	88.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.56	89.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.60	90.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	5.94	74.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Benzene	4	3.47	86.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.98	99.5	(70.00 - 130.00)	
MSD	Benzene	4	4.03	100.8	(70.00 - 130.00)	1.2
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.42	85.5	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.25	81.2	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.62	90.5	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.92	98.0	(70.00 - 130.00)	8.0

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**

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
QC Report
#52526****Foster Wheeler Environmental, Inc
(continued)**

LCS1	Carbon Tetrachloride	4	3.08	77.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	8	5.87	73.4	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	4	3.52	88.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	4	2.94	73.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	4	3.24	81.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	4	4.53	113.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.19	79.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.08	104.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	8	6.67	83.4	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	4	3.41	85.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.46	86.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.25	81.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	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.

**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**QC Report****#52526**Foster Wheeler Environmental, Inc
(continued)

MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.07	76.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	92.2	92.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	93.2	93.2		
MS	1,2-dichloroethane-d4	100	108	108.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	0.93
LCS1	Toluene-d8	100	85.4	85.4	(80.00 - 120.00)	
MBLK	Toluene-d8	100	90.1	90.1		
MS	Toluene-d8	100	94.8	94.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	90.6	90.6	(80.00 - 120.00)	4.5
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	101	101.0		
MS	4-Bromofluorobenzene	100	97.8	97.8	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	3.2
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.27	81.8	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	4.07	101.8	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.46	111.5	(70.00 - 130.00)	9.1
LCS1	Trichlorotrifluoroethane (Freon	2	2.25	112.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.31	82.8	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.86	96.5	(70.00 - 130.00)	
MSD	Toluene	4	3.81	95.2	(70.00 - 130.00)	1.3
LCS1	Vinyl chloride (VC)	2	2.07	103.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	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.

**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
QC Report
#52526**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93978****Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311314		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0198	99.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0190	95.0	(85.00 - 115.00)	4.1
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0225	112.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0195	97.5	(70.00 - 130.00)	14

QC Batch #93988**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311314		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	108	108.0	(85.00 - 115.00)	9.7
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	103	103.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101	101.0	(70.00 - 130.00)	2.0

QC Batch #93989**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311314		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	19.9	99.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	22.2	111.0	(85.00 - 115.00)	11
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.9	104.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.9	104.5	(70.00 - 130.00)	0.00

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**

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

QC Report

#52526

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93990****Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311314		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	486	97.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	525	105.0	(85.00 - 115.00)	7.7
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	516	103.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	499	99.8	(70.00 - 130.00)	3.3

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

QC Batch #94002**Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

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**

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
QC Report
#52526**Foster Wheeler Environmental, Inc
(continued)**QC Batch #94004****Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

QC Batch #94010**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311311		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.2	101.0	(90.00 - 110.00)	1.5
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.5	102.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.1	105.5	(75.00 - 125.00)	2.9

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 7, 1999

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

Attention: Mark Cutler

Re: Report # 52568 (MW-991-105, MW-991-106, MW-991-001 MW-991-002)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Other Comments:

Lead was detected in sample ID: MW-991-002

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52568
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/12/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990312360	MW-991-105	@EBASVOA	Water	03/12/99
990312361	MW-991-106	@EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4	Water	03/12/99
90312362	MW-991-001	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/12/99
990312363	MW-991-002	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4	Water	03/12/99

Test Acronym Description

Test Acronym	Description
- @EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
- CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52568
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



FOSTER WHEELER ENVIRONMENTAL CORPORATION

52568

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0265		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ _____ DAYS RUSH ☐ _____ DAYS											
PROJECT ADDRESS 4900 OAK GROVE DR PASADENA CA				ANALYSES REQUIRED VOCs (524.2) TOX AS C: PB (6012/7000) MAJOR AMMONIAS TPDS HFC PACMON OC FOR C-6													
SAMPLER (Name) J. BRENNER		SAMPLER (Signature) [Signature]															
LABORATORY MONTGOMERY WATSON LABS																	
REPORTS TO BE SENT TO MR. MARK CUTLER																	
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL												
					WATER	SOIL	OTHER (Describe)										
MW-991-105		3/12/99	2	2x40ml	X			X									
MW-991-106			5	2x40ml 1x250ml	X			X	X		X	X					
MW-991-001			6	2x125ml 1x250ml	X			X	X	X	X	X					
MW-991-002			6	2x125ml 1x500ml	X			X	X	X	X	X					
LABORATORY INSTRUCTIONS/COMMENTS LEVEL II QA/QC																	
RELINQUISHED BY (Signature) [Signature]		DATE 3-12-99	RECEIVED BY (Signature) [Signature]		RELINQUISHED BY (Signature) [Signature]		DATE 3-12-99	RECEIVED BY (Signature) [Signature]		RELINQUISHED BY (Signature) [Signature]		DATE 3-12-99	RECEIVED BY (Signature) [Signature]		RELINQUISHED BY (Signature) [Signature]		DATE 3-12-99
COMPANY Foster Wheeler		TIME 1:30	COMPANY Foster Wheeler		COMPANY Foster Wheeler		TIME 1:30	COMPANY Foster Wheeler		COMPANY Foster Wheeler		TIME 1:30	COMPANY Foster Wheeler		COMPANY Foster Wheeler		TIME 1:30

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 3-12-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-12-99
by (print) Mute Chhiong (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No ☐

If YES, attach & enter carrier and air bill # here: _____

2. Were custody seals on outside of cooler? Yes ☒ No ☐

If YES, how many & where: 2 opening of cooler

If Yes, enter the following: seal date: 3-12-99, seal name: RF

3. Were custody seals unbroken & intact at delivery? Yes ☒ No ☐

4. Were custody papers sealed in bag & 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 to acknowledge receipt: _____ (date) _____

B. LOG-IN PHASE: Date samples were logged-in: _____ 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/in good condition? Yes ☒ No ☐

13. Were all bottle labels complete (ID, date, sign, pres)? Yes ☒ No ☐

14. Did all bottle labels agree with custody papers? Yes ☒ No ☐

If NO, indicate discrepancies on back.

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? Yes ☒ No ☐

If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes ☒ No ☐

Report Summary of positive results, PR52568

			Result	MDL	UNITS
Analyzed	990312360	MW-991-105			
Analyzed	990312361	MW-991-106			
Analyzed	990312362	MW-991-001			
03/17/99	Alkalinity		175	2.000	MGL
03/23/99	Anion Sum		4.27	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		213	.001	MGL
03/24/99	Calcium, Total, ICAP		36.1	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		1.10	.001	MGL
03/24/99	Cation Sum		4.24	.001	MEQL
03/12/99	Chloride		8.9	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		750	*****	UGL
03/12/99	Lab pH		7.9	.001	UNIT
03/24/99	Magnesium, Total, ICAP		8.87	1.000	MGL
03/12/99	Nitrate-N by IC		1.2	.100	MGL
03/24/99	Potassium, Total, ICAP		1.71	1.000	MGL
03/24/99	Sodium, Total, ICAP		38.2	1.000	MGL
03/17/99	Specific Conductance		365	4.000	UMHO
03/12/99	Sulfate		21	2.000	MGL
3/17/99	Total Dissolved Solid (TDS)		230	10.000	MGL
Analyzed	990312363	MW-991-002			
03/17/99	Alkalinity		144	2.000	MGL
03/23/99	Anion Sum		3.57	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		173	.001	MGL
03/24/99	Calcium, Total, ICAP		18.0	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		7.09	.001	MGL
03/24/99	Cation Sum		3.57	.001	MEQL
03/12/99	Chloride		12	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		530	*****	UGL
03/12/99	Lab pH		8.8	.001	UNIT
03/17/99	Lead, Total, ICAP/MS		3.1	2.000	UGL
03/24/99	Magnesium, Total, ICAP		9.98	1.000	MGL
03/12/99	Nitrate-N by IC		2.8	.100	MGL
03/24/99	Potassium, Total, ICAP		2.10	1.000	MGL
03/24/99	Sodium, Total, ICAP		41.2	1.000	MGL
03/17/99	Specific Conductance		315	4.000	UMHO
03/12/99	Sulfate		7.1	2.000	MGL
03/17/99	Total Dissolved Solid (TDS)		200	10.000	MGL



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

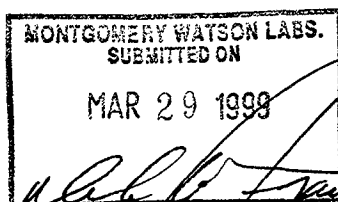
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52568
JPL

**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
#52568

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

Samples Received
12-mar-1999 13:57:27

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-105 (990312360)				Sampled on 03/12/99				
				Regulated VOCs plus Lists 1&3				
03/18/99	93987	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/18/99	93987	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/18/99	93987	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/18/99	93987	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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****#52568****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93987	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	91	% Rec		
			(Surrogate)	Toluene-d8	85	% Rec		

**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
 #52568**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-106 (990312361)				Sampled on 03/12/99				
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/12/99	93400	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/18/99	93987	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/18/99	93987	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/18/99	93987	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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
#52568**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93987	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93987	(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	93	% Rec		

**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
#52568**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	88	% Rec		
MW-991-001 (990312362) Sampled on 03/12/99								
	03/17/99	93820	(ML/SM2320B)	Alkalinity	175	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	4.27	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	36.1	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.24	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	8.9	mg/l	1.0	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.10	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/12/99	93400	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93529	(ML/S2510B)	Specific Conductance	365	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	750	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	213	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.71	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	8.87	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	38.2	mg/l	1.0	1
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500EB)	Lab pH	7.9	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	21	mg/l	2.0	1
	03/17/99	93809	(ML/S2540C)	Total Dissolved Solid (TDS)	230	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/18/99	93987	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

**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****#52568****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/18/99	93987	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/18/99	93987	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

**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
#52568**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93987	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93987	(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	96	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

MW-991-002 (990312363) Sampled on 03/12/99

	03/17/99	93820	(ML/SM2320B)	Alkalinity	144	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	3.57	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	18.0	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	3.57	meq/l	0.0010	1
	03/12/99	93544	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	7.09	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/12/99	93400	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/17/99	93529	(ML/S2510B)	Specific Conductance	315	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	530	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	173	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	2.10	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	9.98	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	41.2	mg/l	1.0	1

**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****#52568**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/99	93546	(ML/EPA 300.0)	Nitrate-N by IC	2.8	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	3.1	ug/l	2.0	1
	03/12/99	93420	(ML/SM 4500HB)	Lab pH	8.8	Units	0.0010	1
	03/12/99	93547	(ML/EPA 300.0)	Sulfate	7.1	mg/l	2.0	1
	03/17/99	93810	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/18/99	93987	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/18/99	93987	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/18/99	93987	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
03/18/99	93987	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

**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
#52568**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/18/99	93987	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/18/99	93987	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/18/99	93987	(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	95	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

**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

QC Report

#52568

Foster Wheeler Environmental, Inc

QC Batch #93400**Hexavalent chromium (Cr VI)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0312363		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0523	104.6	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0529	105.8	(80.00 - 120.00)	1.1

QC Batch #93420**Lab pH**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0311316		(0.00 - 0.00)	

QC Batch #93529**Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0313036		(0.00 - 0.00)	

QC Batch #93544**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Chloride	25	25.4	101.6	(90.00 - 110.00)	
LCS2	Chloride	25	25.5	102.0	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	25.4	101.6	(80.00 - 120.00)	
MSD	Chloride	25	25.5	102.0	(80.00 - 120.00)	0.39

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**

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
QC Report
#52568**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93546****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.54	101.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.56	102.4	(90.00 - 110.00)	0.78
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.26	90.4	(80.00 - 120.00)	0.00

QC Batch #93547**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311313		(0.00 - 0.00)	
LCS1	Sulfate	50	50.3	100.6	(90.00 - 110.00)	
LCS2	Sulfate	50	50.6	101.2	(90.00 - 110.00)	0.59
MBLK	Sulfate	ND				
MS	Sulfate	50	48.9	97.8	(80.00 - 120.00)	
MSD	Sulfate	50	49.0	98.0	(80.00 - 120.00)	0.20

QC Batch #93578**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	100	100.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	1.0

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**

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

QC Report

#52568

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93579****Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	482	96.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	513	102.6	(85.00 - 115.00)	6.2
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	462	92.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	465	93.0	(70.00 - 130.00)	0.65

QC Batch #93580**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	19.8	99.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.2	106.0	(85.00 - 115.00)	6.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.6	108.0	(70.00 - 130.00)	0.93

QC Batch #93648**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0192	96.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0205	102.5	(85.00 - 115.00)	6.5
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0212	106.0	(70.00 - 130.00)	0.47

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**

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**QC Report****#52568**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93809****Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0315352		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	168	96.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	670	95.7	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93810**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0312363		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	172	98.3	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	682	97.4	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93820**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0317433		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.8	102.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	4.1
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	0.00

QC Batch #93987**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.42	85.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	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.

**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

QC Report

#52568

Foster Wheeler Environmental, Inc
(continued)

LCS1	1,1,2,2-Tetrachloroethane	4	3.70	92.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.24	81.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.58	89.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.73	93.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.79	94.8	(70.00 - 130.00)	1.6
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.53	88.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.56	89.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.60	90.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	5.94	74.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0316193		(0.00 - 0.00)	
LCS1	Benzene	4	3.47	86.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.72	93.0	(70.00 - 130.00)	
MSD	Benzene	4	3.67	91.8	(70.00 - 130.00)	1.4
MBLK	Bromobenzene	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.

**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
 QC Report
 #52568

Foster Wheeler Environmental, Inc
 (continued)

MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.42	85.5	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.25	81.2	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.65	91.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.55	88.8	(70.00 - 130.00)	2.8
LCS1	Carbon Tetrachloride	4	3.08	77.0	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	5.87	73.4	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.52	88.0	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	2.94	73.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.24	81.0	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	4.53	113.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.19	79.8	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	2.08	104.0	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	6.67	83.4	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	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.

**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**QC Report****#52568****Foster Wheeler Environmental, Inc
(continued)**

LCS1	o-Xylene	4	3.41	85.2	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.46	86.5	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.25	81.2	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.07	76.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	92.2	92.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	93.2	93.2		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 120.00)	0.90
LCS1	Toluene-d8	100	85.4	85.4	(80.00 - 120.00)	
MBLK	Toluene-d8	100	90.1	90.1		
MS	Toluene-d8	100	85.2	85.2	(80.00 - 120.00)	
MSD	Toluene-d8	100	85.6	85.6	(80.00 - 120.00)	0.47
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	101	101.0		
MS	4-Bromofluorobenzene	100	90.7	90.7	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	99.0	99.0	(80.00 - 120.00)	8.8
LCS1	trans-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.27	81.8	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	3.94	98.5	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.24	106.0	(70.00 - 130.00)	7.3
LCS1	Trichlorotrifluoroethane (Freon	2	2.25	112.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.31	82.8	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.61	90.2	(70.00 - 130.00)	
MSD	Toluene	4	3.45	86.2	(70.00 - 130.00)	4.5
LCS1	Vinyl chloride (VC)	2	2.07	103.5	(70.00 - 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.

**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**QC Report****#52568**Foster Wheeler Environmental, Inc
(continued)

MBLK Vinyl chloride (VC)

ND

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

QC Batch #94002**Potassium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

QC Batch #94004**Magnesium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

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**

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
QC Report
#52568

Foster Wheeler Environmental, Inc
(continued)

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

QC Batch #94010**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311311		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.2	101.0	(90.00 - 110.00)	1.5
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.5	102.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.1	105.5	(75.00 - 125.00)	2.9

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52618 (MW-991-108, MW-991-107, MW-991-036)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

None

Method blanks with compounds detected:

None

Other Comments:

Chloroform was detected in MW-991-036

Trichloroethylene was detected in MW-991-036

Lead was detected in MW-991-036

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
 , Los Angeles, CA 90051-3508
 PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
 PO#: Sub PO#007618-0005-0001
 Group#: 52618
 Project#: JPL
 Proj Mgr: Debbie Frank
 Phone: (714) 444-5526

The following samples were received from you on 03/15/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990315383	MW-991-108	@EBASVOA	Water	03/15/99
990315384	MW-991-107	@EBASVOA CR-EBAS CLO4	Water PB-EBAS	03/15/99
90315386	MW-991-036	@EBASVOA CR-VI TDS CATION1 CO3 ALK K NA	Water PB-EBAS ANION1 NO3 MG CA	03/15/99
			CR-EBAS PH SO4 CL	AS-EBAS EC FE-MS

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3, calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC

Foster Wheeler Environmental, Inc

611 Anton Boulevard

Suite 800

Costa Mesa, CA 92626

Attn: Mark Cutler

Customer Code: ENSERCH

PO#: Sub PO#007618-0005-0001

Group#: 52618

Project#: JPL

Proj Mgr: Debbie Frank

Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52618
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/15/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990315383	MW-991-108	@EBASVOA	Water	03/15/99
990315384	MW-991-107	@EBASVOA CR-EBAS CLO4	Water PB-EBAS AS-EBAS CR-VI	03/15/99
0315386	MW-991-036	CR-VI PB-EBAS CATION1 ANION1 ALK NO3 NA MG	Water CR-EBAS AS-EBAS TDS PH EC HCO3 CO3 SO4 CL FE-MS K CA	03/15/99

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52618
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



52618 Ice Frozen
150

NUMBER 2

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 15720268		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS											
PROJECT ADDRESS 4000 OAK GROVE DR. PASADENA CA				ANALYSES REQUIRED													
SAMPLER (Name) J. BRENNER		SAMPLER (Signature) [Signature]		VOCs (5242) TDMA A.C.P. (6001700) MAJOR ANIONS + TDS Hex Cr Pentachlor OC E.C.													
LABORATORY MONTGOMERY WATSON LABS																	
REPORTS TO BE SENT TO MR. MAZIK COTTEL																	
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL												
					WATER	SOIL	OTHER (Describe)										
Ma 991-103	1430	3/15/99	2	2x40ml	X			X									
MW 991-107	1415	↓	5	2x40ml 1x25ml 2x125ml	X			X	X		X	X					
MW 991-036	1400	↓	6	2x40ml 1x25ml 2x125ml 1x50ml	X			X	X	X	X	X					
LABORATORY INSTRUCTIONS/COMMENTS LEVEL IV QA/QC																	
RELINQUISHED BY (Signature) [Signature]		DATE 3/15/99		RECEIVED BY (Signature) [Signature]		DATE		RECEIVED BY (Signature)									
COMPANY V.D.C.		TIME 1615		COMPANY MW Labs		COMPANY		COMPANY									

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENDERB - JPL Date Received: 3-15-99
 Use other side of this form to note further details concerning check-in problems
 and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-15-99
 by (print) Debbie L. Frade (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No ☐
 If YES, attach & enter carrier and air bill # here: Samper delivered

2. Were custody seals on outside of cooler? Yes ☒ No ☐ Dis 3/15/99
 If YES, how many & where: 2 on outer front
 If Yes, enter the following: seal date: 3-15-99, seal name: J.A.

3. Were custody seals unbroken & intact at delivery? Yes ☒ No ☐

4. Were custody papers sealed in bag & taped to lid? Yes ☒ No ☐ delivered by sampler

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 to acknowledge receipt: Dis (date) 3-15-99

B. LOG-IN PHASE: Date samples were logged-in: 3-15-99 by:
 (print) Debbie L. Frade (sign) [Signature]

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/in good condition? Yes ☒ No ☐

13. Were all bottle labels complete (ID, date, sign, pres)? Yes ☒ No ☐

14. Did all bottle labels agree with custody papers?
 If NO, indicate discrepancies 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 ☐

Report Summary of positive results, PR52618

			Result	MDL	UNITS
Analyzed	990315383	MW-991-108			
Analyzed	990315384	MW-991-107			
Analyzed	990315386	MW-991-036			
03/19/99	Chloroform (Trichloromethane)		2.1	.500	UGL
03/19/99	Trichloroethylene (TCE)		4.9	.500	UGL
03/17/99	Alkalinity		165	2.000	MGL
03/23/99	Anion Sum		4.44	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		201	.001	MGL
03/24/99	Calcium, Total, ICAP		43.9	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		1.31	.001	MGL
03/24/99	Cation Sum		4.45	.001	MEQL
03/17/99	Chloride		11	1.000	MGL
03/17/99	Iron, Total, ICAP/MS		1600	*****	UGL
03/17/99	Lab pH		8.0	.001	UNIT
03/17/99	Lead, Total, ICAP/MS		7.4	2.000	UGL
03/24/99	Magnesium, Total, ICAP		12.4	1.000	MGL
03/17/99	Nitrate-N by IC		1.7	.100	MGL
03/24/99	Potassium, Total, ICAP		1.53	1.000	MGL
3/24/99	Sodium, Total, ICAP		27.4	1.000	MGL
03/22/99	Specific Conductance		405	4.000	UMHO
03/17/99	Sulfate		34	2.000	MGL
03/22/99	Total Dissolved Solid (TDS)		250	10.000	MGL



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

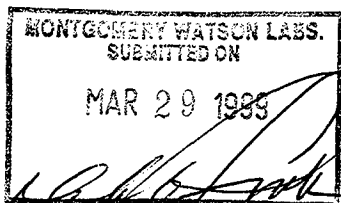
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52618
JPL



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
#52618**

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

Samples Received
15-mar-1999 16:38:23

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-108 (990315383)				Sampled on 03/15/99				
Regulated VOCs plus Lists 1&3								
03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	

**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****#52618****Foster Wheeler Environmental, Inc
(continued)**

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(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	91	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

**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
#52618**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-107 (990315384)			Sampled on 03/15/99					
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/15/99	93449	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

**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
#52618**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	103	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		

**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
#52618**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	86	% Rec		
MW-991-036 (990315386) Sampled on 03/15/99								
	03/17/99	93820	(ML/SM2320B)	Alkalinity	165	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	4.44	meq/l	0.0010	1
03/16/99	03/18/99	93648	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93998	(ML/EPA 200.7)	Calcium, Total, ICAP	43.9	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	4.45	meq/l	0.0010	1
	03/17/99	93661	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	1.31	mg/l	0.0010	1
03/16/99	03/17/99	93578	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/15/99	93449	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/22/99	93828	(ML/S2510B)	Specific Conductance	405	umho/cm	4.0	1
03/16/99	03/17/99	93579	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1600	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	201	mg/l	0.0010	1
03/24/99	03/24/99	94002	(ML/EPA 200.7)	Potassium, Total, ICAP	1.53	mg/l	1.0	1
03/24/99	03/24/99	94004	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.4	mg/l	1.0	1
03/24/99	03/24/99	94006	(ML/EPA 200.7)	Sodium, Total, ICAP	27.4	mg/l	1.0	1
	03/17/99	93665	(ML/EPA 300.0)	Nitrate-N by IC	1.7	mg/l	0.10	1
03/16/99	03/17/99	93580	(EPA/ML 200.8)	Lead, Total, ICAP/MS	7.4	ug/l	2.0	1
	03/17/99	93559	(ML/SM 4500HB)	Lab pH	8.0	Units	0.0010	1
	03/17/99	93667	(ML/EPA 300.0)	Sulfate	34	mg/l	2.0	1
	03/22/99	93956	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

**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
#52618

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	2.1	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

**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
#52618**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.9	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(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	100	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

**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

QC Report

#52618

Foster Wheeler Environmental, Inc

QC Batch #93449

Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0315386		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0497	99.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0491	98.2	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0460	92.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0448	89.6	(80.00 - 120.00)	2.6

QC Batch #93559

Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0316195		(0.00 - 0.00)	

QC Batch #93578

Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	97	97.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	100	100.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	1.0

QC Batch #93579

Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	482	96.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	513	102.6	(85.00 - 115.00)	6.2
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	462	92.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	465	93.0	(70.00 - 130.00)	0.65

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**

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
QC Report
#52618

Foster Wheeler Environmental, Inc
(continued)

QC Batch #93580**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	19.8	99.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.2	106.0	(85.00 - 115.00)	6.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	21.6	108.0	(70.00 - 130.00)	0.93

QC Batch #93648**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309413		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0192	96.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0205	102.5	(85.00 - 115.00)	6.5
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0212	106.0	(70.00 - 130.00)	0.47

QC Batch #93661**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0315386		(0.00 - 0.00)	
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.3	101.2	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	27.2	108.8	(80.00 - 120.00)	
MSD	Chloride	25	26.2	104.8	(80.00 - 120.00)	3.7

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**

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

QC Report

#52618

Foster Wheeler Environmental, Inc
(continued)**QC Batch #93665****Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0315386		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.53	101.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	0.40
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.56	102.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.45	98.0	(80.00 - 120.00)	4.4

QC Batch #93667**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0315386		(0.00 - 0.00)	
LCS1	Sulfate	50	50.3	100.6	(90.00 - 110.00)	
LCS2	Sulfate	50	50.3	100.6	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	54.5	109.0	(80.00 - 120.00)	
MSD	Sulfate	50	52.2	104.4	(80.00 - 120.00)	4.3

QC Batch #93820**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0317433		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.8	102.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	4.1
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	0.00

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**

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
QC Report
#52618**Foster Wheeler Environmental, Inc
(continued)**QC Batch #93828****Specific Conductance**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0316195		(0.00 - 0.00)	

QC Batch #93956**Total Dissolved Solid (TDS)**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 99	0315386		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	176	100.6	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	688	98.3	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #93994**Regulated VOCs plus Lists 1&3**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.85	96.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.82	95.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.12	103.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.92	98.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	4	3.73	93.2	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	4	3.79	94.8	(70.00 - 130.00)	1.6
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.70	92.5	(70.00 - 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.

**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

QC Report

#52618

Foster Wheeler Environmental, Inc
(continued)

MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.02	100.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.91	86.4	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.69	92.2	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 99	0316193		(0.00 - 0.00)	
LCS1	Benzene	4	3.91	97.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	4	3.72	93.0	(70.00 - 130.00)	
MSD	Benzene	4	3.67	91.8	(70.00 - 130.00)	1.4
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	4	3.93	98.2	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	4	3.63	90.8	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	4	3.65	91.2	(70.00 - 130.00)	
MSD	Chlorobenzene	4	3.55	88.8	(70.00 - 130.00)	2.8
LCS1	Carbon Tetrachloride	4	3.58	89.5	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	4	3.07	76.8	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	4	3.97	99.2	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	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.

**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
QC Report
#52618**Foster Wheeler Environmental, Inc
(continued)

MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane (Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	4	3.42	85.5	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	4	3.77	94.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	4	3.72	93.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	3.65	91.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	2	1.93	96.5	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	8	7.76	97.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	4	3.66	91.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.77	94.2	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	4	3.55	88.8	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	4	3.69	92.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	105	105.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	102	102.0		
MS	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	112	112.0	(80.00 - 120.00)	0.90

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**

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**QC Report****#52618**Foster Wheeler Environmental, Inc
(continued)

LCS1	Toluene-d8	100	92.5	92.5	(80.00 - 120.00)	
MBLK	Toluene-d8	100	84.8	84.8		
MS	Toluene-d8	100	85.2	85.2	(80.00 - 120.00)	
MSD	Toluene-d8	100	85.6	85.6	(80.00 - 120.00)	0.47
LCS1	4-Bromofluorobenzene	100	98.2	98.2	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	105	105.0		
MS	4-Bromofluorobenzene	100	90.7	90.7	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	99.0	99.0	(80.00 - 120.00)	8.8
LCS1	trans-1,2-Dichloroethylene	4	3.77	94.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	4	3.70	92.5	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	4	3.94	98.5	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	4	4.24	106.0	(70.00 - 130.00)	7.3
LCS1	Trichlorotrifluoroethane (Freon	2	2.26	113.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	4	3.72	93.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	4	3.61	90.2	(70.00 - 130.00)	
MSD	Toluene	4	3.45	86.2	(70.00 - 130.00)	4.5
LCS1	Vinyl chloride (VC)	2	1.86	93.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #93998**Calcium, Total, ICAP**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0309314		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	52.5	105.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	52.4	104.8	(85.00 - 115.00)	0.19
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	52.1	104.2	(70.00 - 130.00)	0.00

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**

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
QC Report
#52618**Foster Wheeler Environmental, Inc
(continued)**QC Batch #94002****Potassium, Total, ICAP**

QC	Analyte	Spiked Lab # 99	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	0309314			(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	20.7	103.5	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	20.6	103.0	(80.00 - 110.00)	0.48
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.1	100.5	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.50

QC Batch #94004**Magnesium, Total, ICAP**

QC	Analyte	Spiked Lab # 99	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	0309314			(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	21.3	106.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	21.2	106.0	(85.00 - 115.00)	0.47
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.7	103.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.6	103.0	(70.00 - 130.00)	0.48

QC Batch #94006**Sodium, Total, ICAP**

QC	Analyte	Spiked Lab # 99	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	0309314			(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	52.0	104.0	(85.00 - 115.00)	0.00
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	50.1	100.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	49.3	98.6	(70.00 - 130.00)	1.6

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**

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

QC Report

#52618

Foster Wheeler Environmental, Inc
(continued)

QC Batch #94010**Perchlorate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 99	0311311		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	19.9	99.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.2	101.0	(90.00 - 110.00)	1.5
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.5	102.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.1	105.5	(75.00 - 125.00)	2.9

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

A division of Montgomery Watson Americas, Inc.

Quality Environmental Analysis

April 9, 1999

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

Attention: Mark Cutler

Re: Report # 52654 (MW-991-109, MW-991-110, MW-991-016,
MW-991-017, MW-991-018, MW-991-019, MW-991-020)

Dear Mark,

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

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

None

Samples requiring dilution (with increased MRL's):

MW-991-020, -019, -018, -017, -016 were diluted for Anions

Method blanks with compounds detected:

None

Other Comments:

Chloroform was detected in MW-991-016, -020

Tetrachlorethylene was detected in MW-991-016, -017, -018, -019,
020, -020

Trichlorethylene was detected in MW-991-016

Cis-1,2-Dichloroethylene was detected in MW-991-016, 017

TIC's:

None

Method Variance:

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

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52654
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 03/16/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
990316189	MW-991-109	@EBASVOA CR-EBAS AS-EBAS PB-EBAS CR-VI CLO4	Water	03/16/99
990316190	MW-991-110	@EBASVOA	Water	03/16/99
990316191	MW-991-016	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA	Water	03/16/99
990316192	MW-991-017	@EBASVOA CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI	Water	03/16/99
990316193	MW-991-018	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA	Water	03/16/99
990316194	MW-991-019	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA	Water	03/16/99
990316195	MW-991-020	@EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA	Water	03/16/99

Test Acronym Description

Test Acronym	Description
--------------	-------------

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0005-0001
Group#: 52654
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-EBAS	Arsenic, Total, GF
CA	Calcium, Total, ICAP
CATION1	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-EBAS	Chromium, Total, ICAP/MS
CR-VI	Hexavalent chromium (Cr VI)
EC	Specific Conductance
FE-MS	Iron, Total, ICAP/MS
HCO3	Bicarbonate as HCO3,calculated
K	Potassium, Total, ICAP
MG	Magnesium, Total, ICAP
NA	Sodium, Total, ICAP
NO3	Nitrate-N by IC
PB-EBAS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)



S2654

NUMBER 1270

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT JPL		OFS NO. 1572.0265		HAZARD IDENTIFICATION Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		TIME REQUIRED NORMAL ☒ DAYS RUSH ☐ DAYS											
PROJECT ADDRESS 4500 ORANGE GROVE D.L. PASADENA, CA				ANALYSES REQUIRED													
SAMPLER (Name) J. Blenner		SAMPLER (Signature) [Signature]		VOCs (5242)													
LABORATORY MONTGOMERY WATSON LABS				TOTAL AS C.P.B. (601/17000)													
REPORTS TO BE SENT TO MR. MARK CUTLER				MASS (601/17000)													
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (5242)	TOTAL AS C.P.B. (601/17000)	MASS (601/17000)	ANALYST	LEX C.	POLLUTANT	MS FOR VOCs	MS FOR VOCs	MS/MS FOR METALS	DC
					WATER	SOIL	OTHER (Describe)										
MW 991-109	1120	3/16/99	5	2x40ml 1x250ml 2x125ml	X			X	X			X	X				
MW 991-110	1130		2	2x40ml	X			X									
MW 991-016	0920		6	2x40ml 1x250ml 2x125ml 1x50ml	X			X	X	X		X	X				
MW 991-017	1020		6		X			X	X	X		X	X				
MW 991-018	1125		7	2x40ml 2x250ml 2x125ml 1x50ml	X			X	X	X		X	X			X	
MW 991-018MS	1125		2	2x40ml	X									X			
MW 991-018MS	1125		2	2x40ml	X										X		
MW 991-019	1225		6	2x40ml 1x250ml 2x125ml 1x50ml	X			X	X	X		X	X				
MW 991-020	1315		6		X			X	X	X		X	X			X	
LABORATORY INSTRUCTIONS/COMMENTS LEVEL IV QA/QC																	
RELINQUISHED BY (Signature) [Signature]		DATE 3/16/99	RECEIVED BY (Signature) [Signature]		RELINQUISHED BY (Signature) [Signature]		DATE	RECEIVED BY (Signature) [Signature]									
COMPANY [Signature]		TIME 1530	COMPANY MILK		COMPANY		TIME	COMPANY									

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: Ev search Date Received: 3-16-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 3-16-99
by (print) Shain (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No
If YES, attach & enter carrier and air bill # here: _____

2. Were custody seals on outside of cooler? Yes ☒ No
If YES, how many & where: 2 on sides and top
If Yes, enter the following: seal date: 3/16, seal name: JB

3. Were custody seals unbroken & intact at delivery? Yes ☒ No

4. Were custody papers sealed in bag & 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 to acknowledge receipt: _____ (date) _____

B. LOG-IN PHASE: Date samples were logged-in: 3/16 by: _____
(print) Mike Williams (sign) [Signature]

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/in good condition? Yes ☒ No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes ☒ No

14. Did all bottle labels agree with custody papers?
If NO, indicate discrepancies 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

Report Summary of positive results, PR52654

			Result	MDL	UNITS
Analyzed	990316189	MW-991-109			
Analyzed	990316190	MW-991-110			
Analyzed	990316191	MW-991-016			
03/19/99	Chloroform (Trichloromethane)		0.7	.500	UGL
03/19/99	Tetrachloroethylene (PCE)		7.7	.500	UGL
03/19/99	Trichloroethylene (TCE)		0.5	.500	UGL
03/19/99	cis-1,2-Dichloroethylene		1.4	.500	UGL
03/17/99	Alkalinity		213	2.000	MGL
03/23/99	Anion Sum		8.50	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		259	.001	MGL
03/24/99	Calcium, Total, ICAP		91.9	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		1.06	.001	MGL
03/24/99	Cation Sum		8.59	.001	MEQL
03/17/99	Chloride		65	2.000	MGL
03/24/99	Iron, Total, ICAP/MS		1600	*****	UGL
03/17/99	Lab pH		7.8	.001	UNIT
03/24/99	Magnesium, Total, ICAP		30.6	1.000	MGL
03/17/99	Nitrate-N by IC		10	.200	MGL
03/24/99	Potassium, Total, ICAP		2.61	1.000	MGL
03/24/99	Sodium, Total, ICAP		32.5	1.000	MGL
03/22/99	Specific Conductance		760	4.000	UMHO
03/17/99	Sulfate		81	4.000	MGL
03/22/99	Total Dissolved Solid (TDS)		500	10.000	MGL
Analyzed	990316192	MW-991-017			
03/19/99	Tetrachloroethylene (PCE)		3.8	.500	UGL
03/19/99	cis-1,2-Dichloroethylene		0.7	.500	UGL
03/17/99	Alkalinity		194	2.000	MGL
03/23/99	Anion Sum		6.90	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		237	.001	MGL
03/24/99	Calcium, Total, ICAP		75.9	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated		0.387	.001	MGL
03/24/99	Cation Sum		7.00	.001	MEQL
03/17/99	Chloride		50	2.000	MGL
03/24/99	Iron, Total, ICAP/MS		300	*****	UGL
03/17/99	Lab pH		7.4	.001	UNIT
03/24/99	Magnesium, Total, ICAP		24.1	1.000	MGL
03/17/99	Nitrate-N by IC		8.8	.200	MGL
03/24/99	Potassium, Total, ICAP		2.22	1.000	MGL
03/24/99	Sodium, Total, ICAP		26.9	1.000	MGL
03/22/99	Specific Conductance		625	4.000	UMHO
03/17/99	Sulfate		47	4.000	MGL
03/22/99	Total Dissolved Solid (TDS)		410	10.000	MGL
Analyzed	990316193	MW-991-018			
03/19/99	Tetrachloroethylene (PCE)		1.0	.500	UGL
03/17/99	Alkalinity		256	2.000	MGL
03/23/99	Anion Sum		10.5	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated		312	.001	MGL

03/24/99	Calcium, Total, ICAP	115	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.641	.001	MGL
03/24/99	Cation Sum	10.5	.001	MEQL
03/17/99	Chloride	95	2.000	MGL
03/24/99	Iron, Total, ICAP/MS	120	*****	UGL
03/17/99	Lab pH	7.5	.001	UNIT
03/24/99	Magnesium, Total, ICAP	36.6	1.000	MGL
03/17/99	Nitrate-N by IC	10	.200	MGL
03/24/99	Potassium, Total, ICAP	2.88	1.000	MGL
03/24/99	Sodium, Total, ICAP	38.4	1.000	MGL
03/22/99	Specific Conductance	940	4.000	UMHO
03/17/99	Sulfate	94	4.000	MGL
03/22/99	Total Dissolved Solid (TDS)	610	10.000	MGL

Analyzed 990316194 MW-991-019

03/19/99	Tetrachloroethylene (PCE)	0.8	.500	UGL
03/17/99	Alkalinity	257	2.000	MGL
03/23/99	Anion Sum	12.5	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated	313	.001	MGL
03/24/99	Calcium, Total, ICAP	128	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.406	.001	MGL
03/24/99	Cation Sum	12.1	.001	MEQL
03/17/99	Chloride	130	2.000	MGL
03/24/99	Iron, Total, ICAP/MS	150	*****	UGL
03/17/99	Lab pH	7.3	.001	UNIT
03/24/99	Magnesium, Total, ICAP	42.8	1.000	MGL
03/17/99	Nitrate-N by IC	7.8	.200	MGL
03/24/99	Potassium, Total, ICAP	2.75	1.000	MGL
03/24/99	Sodium, Total, ICAP	48.6	1.000	MGL
03/22/99	Specific Conductance	1110	4.000	UMHO
03/17/99	Sulfate	150	4.000	MGL
03/22/99	Total Dissolved Solid (TDS)	730	10.000	MGL

Analyzed 990316195 MW-991-020

03/19/99	Chloroform (Trichloromethane)	1.8	.500	UGL
03/19/99	Tetrachloroethylene (PCE)	0.5	.500	UGL
03/19/99	Trichloroethylene (TCE)	20	.500	UGL
03/17/99	Alkalinity	167	2.000	MGL
03/23/99	Anion Sum	8.61	.001	MEQL
03/23/99	Bicarbonate as HCO ₃ ,calculated	204	.001	MGL
03/24/99	Calcium, Total, ICAP	94.5	1.000	MGL
03/23/99	Carbonate as CO ₃ , Calculated	0.105	.001	MGL
03/24/99	Cation Sum	8.62	.001	MEQL
03/17/99	Chloride	75	2.000	MGL
03/17/99	Lab pH	6.9	.001	UNIT
03/24/99	Magnesium, Total, ICAP	31.3	1.000	MGL
03/17/99	Nitrate-N by IC	15	.200	MGL
03/24/99	Potassium, Total, ICAP	1.92	1.000	MGL
03/24/99	Sodium, Total, ICAP	29.1	1.000	MGL
03/22/99	Specific Conductance	815	4.000	UMHO
03/17/99	Sulfate	100	4.000	MGL
03/22/99	Total Dissolved Solid (TDS)	500	10.000	MGL



MONTGOMERY WATSON LABORATORIES

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Te! : 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

Laboratory Report

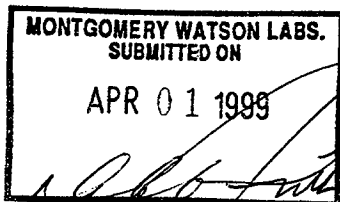
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



DEB* Debbie Frank

Report#: 52654
JPL

**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
 #52654**

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

Samples Received
 16-mar-1999 16:08:11

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-109 (990316189)			Sampled on 03/16/99					
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/23/99	94010	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/16/99	93535	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

**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
#52654**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1

**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****#52654**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(EPA 524.2	) None Detected	ND			1
			(Surrogate	) 1,2-Dichloroethane-d4	117	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	89	% Rec		
			(Surrogate	) Toluene-d8	92	% Rec		

MW-991-110 (990316190)

Sampled on 03/16/99

Regulated VOCs plus Lists 1&3

03/19/99	93994	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2-Dichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,2-Dichloropropane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 1,3-Dichloropropane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 2,2-Dichloropropane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 2-Butanone (MEK)	ND	ug/l	5.0	1
03/19/99	93994	(ML/EPA 524.2	) o-Chlorotoluene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) p-Chlorotoluene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) 4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/19/99	93994	(ML/EPA 524.2	) Benzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) Bromobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) Chlorobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) Carbon Tetrachloride	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2	) cis-1,3-Dichloropropene	ND	ug/l	0.50	1

**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
 #52654**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(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	94	% Rec		
			(Surrogate)	Toluene-d8	91	% Rec		

**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
 #52654**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-016 (990316191)				Sampled on 03/16/99				
	03/17/99	93820	(ML/SM2320B)	Alkalinity	213	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	8.50	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93999	(ML/EPA 200.7)	Calcium, Total, ICAP	91.9	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	8.59	meq/l	0.0010	1
	03/17/99	93661	(ML/EPA 300)	Chloride	65	mg/l	2.0	2
	03/23/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	1.06	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/16/99	93535	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/22/99	93828	(ML/S2510B)	Specific Conductance	760	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1600	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO ₃ , calculated	259	mg/l	0.0010	1
03/24/99	03/24/99	94003	(ML/EPA 200.7)	Potassium, Total, ICAP	2.61	mg/l	1.0	1
03/24/99	03/24/99	94005	(ML/EPA 200.7)	Magnesium, Total, ICAP	30.6	mg/l	1.0	1
03/24/99	03/24/99	94009	(ML/EPA 200.7)	Sodium, Total, ICAP	32.5	mg/l	1.0	1
	03/17/99	93665	(ML/EPA 300.0)	Nitrate-N by IC	10	mg/l	0.20	2
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/17/99	93559	(ML/SM 4500HB)	Lab pH	7.8	Units	0.0010	1
	03/17/99	93667	(ML/EPA 300.0)	Sulfate	81	mg/l	4.0	2
	03/22/99	94031	(ML/S2540C)	Total Dissolved Solid (TDS)	500	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1

**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
#52654**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	1.4	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1

**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****#52654**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	7.7	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.5	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(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	93	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

MW-991-017 (990316192) Sampled on 03/16/99

	03/17/99	93820	(ML/SM2320B)	Alkalinity	194	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	6.90	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93999	(ML/EPA 200.7)	Calcium, Total, ICAP	75.9	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	7.00	meq/l	0.0010	1
	03/17/99	93661	(ML/EPA 300)	Chloride	50	mg/l	2.0	2
	03/23/99		(ML/SM2320B)	Carbonate as CO3, Calculated	0.387	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/16/99	93535	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/22/99	93828	(ML/S2510B)	Specific Conductance	625	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	300	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO3,calculated	237	mg/l	0.0010	1
03/24/99	03/24/99	94003	(ML/EPA 200.7)	Potassium, Total, ICAP	2.22	mg/l	1.0	1
03/24/99	03/24/99	94005	(ML/EPA 200.7)	Magnesium, Total, ICAP	24.1	mg/l	1.0	1
03/24/99	03/24/99	94009	(ML/EPA 200.7)	Sodium, Total, ICAP	26.9	mg/l	1.0	1
	03/17/99	93665	(ML/EPA 300.0)	Nitrate-N by IC	8.8	mg/l	0.20	2
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/17/99	93559	(ML/SM 4500HB)	Lab pH	7.4	Units	0.0010	1

**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
 #52654**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/17/99	93667	(ML/EPA 300.0)	Sulfate	47	mg/l	4.0	2
	03/22/99	94031	(ML/S2540C)	Total Dissolved Solid (TDS)	410	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	0.7	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1

**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
#52654**Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.8	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/19/99	93994	(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	93	% Rec		
			(Surrogate)	Toluene-d8	89	% Rec		

**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
 #52654**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-991-018 (990316193) Sampled on 03/16/99								
	03/17/99	93820	(ML/SM2320B)	Alkalinity	256	mg/l	2.0	1
	03/23/99		(ML/SM1040)	Anion Sum	10.5	meq/l	0.0010	1
03/22/99	03/23/99	93978	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/24/99	03/24/99	93999	(ML/EPA 200.7)	Calcium, Total, ICAP	115	mg/l	1.0	1
	03/24/99		(ML/SM1040)	Cation Sum	10.5	meq/l	0.0010	1
	03/17/99	93661	(ML/EPA 300)	Chloride	95	mg/l	2.0	2
	03/23/99		(ML/SM2320B)	Carbonate as CO ₃ , Calculated	0.641	mg/l	0.0010	1
03/22/99	03/24/99	93988	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/16/99	93535	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	03/22/99	93828	(ML/S2510B)	Specific Conductance	940	umho/cm	4.0	1
03/22/99	03/24/99	93990	(EPA/ML 200.8)	Iron, Total, ICAP/MS	120	ug/l	100	1
	03/23/99		(ML/SM2320B)	Bicarbonate as HCO ₃ ,calculated	312	mg/l	0.0010	1
03/24/99	03/24/99	94003	(ML/EPA 200.7)	Potassium, Total, ICAP	2.88	mg/l	1.0	1
03/24/99	03/24/99	94005	(ML/EPA 200.7)	Magnesium, Total, ICAP	36.6	mg/l	1.0	1
03/24/99	03/24/99	94009	(ML/EPA 200.7)	Sodium, Total, ICAP	38.4	mg/l	1.0	1
	03/17/99	93665	(ML/EPA 300.0)	Nitrate-N by IC	10	mg/l	0.20	2
03/22/99	03/24/99	93989	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/17/99	93559	(ML/SM 4500HB)	Lab pH	7.5	Units	0.0010	1
	03/17/99	93667	(ML/EPA 300.0)	Sulfate	94	mg/l	4.0	2
	03/22/99	94031	(ML/S2540C)	Total Dissolved Solid (TDS)	610	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/19/99	93994	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1

**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****#52654****Foster Wheeler Environmental, Inc**
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/19/99	93994	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/19/99	93994	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/19/99	93994	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1