

**MONTGOMERY WATSON LABORATORIES**

555 East Walnut Street
 Pasadena, California 91101
 818 568 6400; Fax: 818 568 6324;
 1 800 566 LABS (1 800 566 5227)

**Laboratory
 Report
 #32461**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	99	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	104	% Rec		
			(Surrogate	) Toluene-d8	96	% Rec		
MW-971-60 (970221110) Sampled on 02/21/97								
	02/24/97	60021	(ML/S2320B	) Alkalinity	170	mg/l	2.0	1
	03/09/97		(ML/SM1040	) Anion Sum	8.73	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B	) Calcium, Flame AA	92	mg/l	1.0	1
	03/09/97		(ML/SM1040	) Cation Sum	8.50	meq/l	0.0010	1
	02/21/97	59960	(ML/EPA 300	) Chloride	76	mg/l	2.0	2
	03/06/97		(ML/S2320-B	) Carbonate as CO3, Calculated	0.213	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/21/97	59933	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	02/24/97		(ML/S2510B	) Specific Conductance	775	umho/cm	4.0	1
	03/04/97	60248	(EPA/ML 200.8	) Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/06/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	207	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B	) Potassium, Flame AA	2.0	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B	) Magnesium, Flame AA	32	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B	) Sodium, Flame AA	28	mg/l	1.0	1
	02/21/97	59965	(ML/EPA 300.0	) Nitrate-N by IC	14	mg/l	0.20	2
03/04/97	03/04/97	60253	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B	) Lab pH	7.2	Units	0.0010	1
	02/21/97	59964	(ML/EPA 300	) Sulfate	105	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	02/25/97	60037	(ML/S2540C	) Total Dissolved Solids	490	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	2.2	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/28/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	29	ug/l	1.0	2
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(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	102	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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QC Batch #59933**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0463	92.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0463	92.6	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0470	94.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0463	92.6	(80.00 - 120.00)	1.5

QC Batch #59960**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	26.0	104.0	(90.00 - 110.00)	
LCS2	Chloride	25	25.9	103.6	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	25.7	102.8	(80.00 - 120.00)	
MSD	Chloride	25	25.4	101.6	(80.00 - 120.00)	1.2

QC Batch #59964**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	52.1	104.2	(90.00 - 110.00)	
LCS2	Sulfate	50	52.1	104.2	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	53.8	107.6	(70.00 - 130.00)	
MSD	Sulfate	50	53.8	107.6	(70.00 - 130.00)	0.00

QC Batch #59965**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.67	106.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.68	107.2	(90.00 - 110.00)	0.37
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.49	99.6	(80.00 - 120.00)	0.40

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QC Batch #60021**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	97.6	101.5	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.6	103.5	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	87.5	91.0	(80.00 - 120.00)	
MSD	Alkalinity	96.2	86.7	90.1	(80.00 - 120.00)	0.92

QC Batch #60037**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	184	105.1	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60173**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.427	85.4	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.411	82.2	(80.00 - 120.00)	3.8
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.336	84.0	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.333	83.2	(70.00 - 130.00)	0.90

QC Batch #60181**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	4.84	121.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				

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LCS1	1,1,2-Trichloroethane	4	4.67	116.8	(70.00 - 130.00)
MBLK	1,1,2-Trichloroethane	ND			
LCS1	1,1-Dichloroethane	4	4.88	122.0	(70.00 - 130.00)
MBLK	1,1-Dichloroethane	ND			
LCS1	1,1-Dichloroethylene	4	4.89	122.2	(70.00 - 130.00)
MBLK	1,1-Dichloroethylene	ND			
MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.83	120.8	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.78	119.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	9.32	116.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.27	106.7	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.82	120.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.73	118.3	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.71	117.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			

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MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.84	121.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.69	92.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.65	116.3	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.17	108.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.11	102.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.47	111.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.79	119.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.85	121.2	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.07	101.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.24	112.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.72	118.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.12	114.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			

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LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.55	113.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.60	115.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60245**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	0.97
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	108.	108.0	(70.00 - 130.00)	2.8

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60248**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	512	102.4	(85.00 - 115.00)	0.78
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	532.	106.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	576.	115.2	(70.00 - 130.00)	7.9

QC Batch #60253**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.1	105.5	(85.00 - 115.00)	1.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.4	102.0	(70.00 - 130.00)	0.49

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				

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MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60272**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0203	101.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0227	113.5	(85.00 - 115.00)	11
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0218	109.0	(85.00 - 115.00)	0.92

QC Batch #60332**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	4.69	117.3	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.46	111.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.99	99.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.57	114.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				

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MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.37	109.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.24	106.0	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.34	108.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.07	100.9	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.59	114.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.28	107.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.28	107.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.86	121.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.44	111.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.93	98.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.60	115.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			

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LCS1	Dichloromethane	4	3.25	81.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.71	117.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.36	118.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.71	92.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.37	109.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.72	118.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.74	118.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.57	114.2	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon)	4	4.10	102.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon)	ND			
LCS1	Vinyl chloride (VC)	2	2.27	113.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.45	111.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.33	116.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.47	111.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.45	111.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.49	112.2	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.64	116.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Report Summary of positive results, PR32461

			Result	MDL	UNITS
Analyzed	970221108	MW-971-90			
02/28/97	Data Entry		03/10/97		--
Analyzed	970221109	MW-971-89			
02/27/97	Data Entry		03/04/97		--
Analyzed	970221110	MW-971-60			
02/27/97	Chloroform (Trichloromethane)		2.2	.500	UGL
02/27/97	Data Entry		03/04/97		--
02/28/97	Trichloroethylene (TCE)		29	1.000	UGL
02/24/97	Alkalinity		170	2.000	MGL
03/09/97	Anion Sum		8.73	.001	MEQL
03/06/97	Bicarbonate as HCO3,calculated		207	.001	MGL
03/06/97	Calcium, Flame AA		92	1.000	MGL
03/06/97	Carbonate as CO3, Calculated		0.213	.001	MGL
03/09/97	Cation Sum		8.50	.001	MEQL
02/21/97	Chloride		76	2.000	MGL
02/28/97	Lab pH		7.2	.001	UNIT
03/06/97	Magnesium, Flame AA		32	1.000	MGL
02/21/97	Nitrate-N by IC		14	.200	MGL
03/06/97	Potassium, Flame AA		2.0	1.000	MGL
03/06/97	Sodium, Flame AA		28	1.000	MGL
02/24/97	Specific Conductance		775	4.000	UMHO
02/21/97	Sulfate		105	4.000	MGL
02/25/97	Total Dissolved Solids		490	10.000	MGL



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Laboratory Report

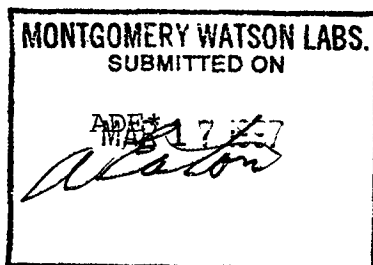
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32481
JPL



MONTGOMERY WATSON LABORATORIES

March 17, 1997

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

Attention: Mark Cutler

Re: Report # 32481 (MW-971-92, 91, 64)

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):

All volatiles were analyzed within holding time with acceptable IS and surrogate recoveries. All other parameters met QC requirements.

Samples requiring dilution (with increased MRL's):

Anions by ion chromatography were diluted in sample -64.

Method blanks with compounds detected:

None

Other Comments:

PCE was detected in sample -64 over the CRDL.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelty (JPL)

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**Laboratory
Report
#32481**

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

Samples Received
24-feb-1997 15:17:00

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-92 (970224074)				Sampled on 02/24/97				
Regulated VOCs plus Lists 1&3								
02/27/97	60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	

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Report
#32481

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(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	101	% Rec		

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 1 800 566 LABS (1 800 566 5227)

**Laboratory
 Report
 #32481**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	97	% Rec		
MW-971-91 (970224075)				Sampled on 02/24/97				
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/25/97	60029	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
02/27/97		60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
02/27/97		60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
02/27/97		60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
02/27/97		60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
02/27/97		60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	100	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	106	% Rec		
			(Surrogate	) Toluene-d8	96	% Rec		
MW-971-64 (970224076) Sampled on 02/24/97								
	03/06/97	60319	(ML/S2320B	) Alkalinity	210	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	7.88	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B	) Calcium, Flame AA	82	mg/l	1.0	1
	03/09/97		(ML/SM1040	) Cation Sum	7.94	meq/l	0.0010	1
	02/26/97	60090	(ML/EPA 300	) Chloride	58	mg/l	2.0	2
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	1.05	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/25/97	60029	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	02/24/97		(ML/S2510B	) Specific Conductance	755	umho/cm	4.0	1
03/04/97	03/04/97	60248	(EPA/ML 200.8	) Iron, Total, ICAP/MS	2700	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	256	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B	) Potassium, Flame AA	2.6	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B	) Magnesium, Flame AA	30	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B	) Sodium, Flame AA	30	mg/l	1.0	1
	02/26/97	60091	(ML/EPA 300.0	) Nitrate-N by IC	9.9	mg/l	0.20	2
03/04/97	03/04/97	60253	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B	) Lab pH	7.8	Units	0.0010	1
	02/26/97	60092	(ML/EPA 300	) Sulfate	64	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	02/25/97	60037	(ML/S2540C	) Total Dissolved Solids	460	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.0	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

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QC Batch #60029**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0468	93.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0461	92.2	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0558	111.6	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0544	108.8	(80.00 - 120.00)	2.5

QC Batch #60037**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	184	105.1	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60090**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	24.8	99.2	(90.00 - 110.00)	2.0
MBLK	Chloride	ND				
MS	Chloride	25	26.6	106.4	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.75

QC Batch #60091**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.48	99.2	(90.00 - 110.00)	1.6
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.76	110.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.86	114.4	(80.00 - 120.00)	3.6

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

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QC Batch #60092**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	48.3	96.6	(90.00 - 110.00)	
LCS2	Sulfate	50	49.5	99.0	(90.00 - 110.00)	2.5
MBLK	Sulfate	ND				
MS	Sulfate	50	56.5	113.0	(70.00 - 130.00)	
MSD	Sulfate	50	56.0	112.0	(70.00 - 130.00)	0.89

QC Batch #60173**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.427	85.4	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.411	82.2	(80.00 - 120.00)	3.8
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.336	84.0	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.333	83.2	(70.00 - 130.00)	0.90

QC Batch #60181**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	4.84	121.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.67	116.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.88	122.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.89	122.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				

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

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MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.83	120.8	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.78	119.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	9.32	116.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.27	106.7	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.82	120.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.73	118.3	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.71	117.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.84	121.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.69	92.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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LCS1	Ethyl benzene	4	4.65	116.3	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.17	108.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.11	102.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.47	111.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.79	119.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.85	121.2	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.07	101.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.24	112.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.72	118.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.12	114.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.55	113.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.60	115.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			

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MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60245**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	0.97
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	108.	108.0	(70.00 - 130.00)	2.8

QC Batch #60248**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	512	102.4	(85.00 - 115.00)	0.78
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	532.	106.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	576.	115.2	(70.00 - 130.00)	7.9

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QC Batch #60253**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.1	105.5	(85.00 - 115.00)	1.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.4	102.0	(70.00 - 130.00)	0.49

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				

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MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60272**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0203	101.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0227	113.5	(85.00 - 115.00)	11
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0218	109.0	(85.00 - 115.00)	0.92

QC Batch #60319**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	96.8	100.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96.2	100.0	(90.00 - 110.00)	0.62
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	88.5	92.0	(80.00 - 120.00)	
MSD	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	5.1

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

Report Summary of positive results, PR32481

			Result	MDL	UNITS
Analyzed	970224074	MW-971-92			
02/27/97	Data Entry		03/04/97		--
Analyzed	970224075	MW-971-91			
02/27/97	Data Entry		03/04/97		--
Analyzed	970224076	MW-971-64			
02/27/97	Data Entry		03/04/97		--
02/27/97	Tetrachloroethylene (PCE)		3.0	.500	UGL
03/06/97	Alkalinity		210	2.000	MGL
03/12/97	Anion Sum		7.88	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		256	.001	MGL
03/06/97	Calcium, Flame AA		82	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		1.05	.001	MGL
03/09/97	Cation Sum		7.94	.001	MEQL
02/26/97	Chloride		58	2.000	MGL
03/04/97	Iron, Total, ICAP/MS		2700	*****	UGL
02/28/97	Lab pH		7.8	.001	UNIT
03/06/97	Magnesium, Flame AA		30	1.000	MGL
02/26/97	Nitrate-N by IC		9.9	.200	MGL
03/06/97	Potassium, Flame AA		2.6	1.000	MGL
03/06/97	Sodium, Flame AA		30	1.000	MGL
02/24/97	Specific Conductance		755	4.000	UMHO
02/26/97	Sulfate		64	4.000	MGL
02/25/97	Total Dissolved Solids		460	10.000	MGL



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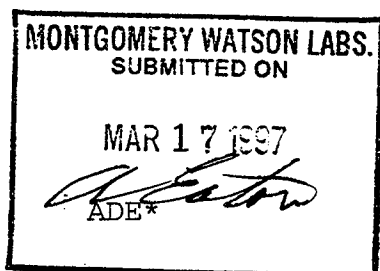
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32573
JPL



MONTGOMERY WATSON LABORATORIES

March 17, 1997

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

Attention: Mark Cutler

Re: Report # 32573 (MW-971-94, 93, 37, 36, 35, 34)

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):

All volatiles were analyzed within holding time with acceptable IS and surrogate recoveries.

Samples requiring dilution (with increased MRL's):

Sample -34 was diluted for calcium and anions. Sample -35 was diluted for anions by Ion Chromatography.

Method blanks with compounds detected:

None

Other Comments:

Lead was detected over the CRDL and over the action level in sample -37. Lead was detected below the CRDL in the method blank associated with this batch. Acteone was detected as a TIC in sample -34. A number of volatiles were also detected in this sample. Note that because of the high conductivity in sample -34, the cation/anion balance is not as close as normal.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelty (JPL)

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Laboratory
Report
#32573

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

Samples Received
26-feb-1997 17:44:21

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-94 (970226180)		Sampled on 02/26/97						
Regulated VOCs plus Lists 1&3								
02/27/97	60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(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	99	% Rec		
			(Surrogate)	4-Bromofluorobenzene	108	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	94	% Rec		
MW-971-93 (970226181)			Sampled on 02/26/97					
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	02/27/97	60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	97	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	103	% Rec		
			(Surrogate	) Toluene-d8	95	% Rec		
MW-971-37 (970226182) Sampled on 02/26/97								
	03/06/97	60319	(ML/S2320B	) Alkalinity	145	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	3.47	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B	) Calcium, Flame AA	21	mg/l	1.0	1
	03/09/97		(ML/SM1040	) Cation Sum	3.71	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300	) Chloride	7.9	mg/l	1.0	1
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	5.70	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B	) Specific Conductance	320	umho/cm	4.0	1
03/04/97	03/04/97	60248	(EPA/ML 200.8	) Iron, Total, ICAP/MS	160	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	175	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B	) Potassium, Flame AA	2.3	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B	) Magnesium, Flame AA	12	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B	) Sodium, Flame AA	37	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0	) Nitrate-N by IC	0.2	mg/l	0.10	1
03/04/97	03/04/97	60253	(EPA/ML 200.8	) Lead, Total, ICAP/MS	28	ug/l	2.0	1
	02/28/97		(ML/S4500H-B	) Lab pH	8.7	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300	) Sulfate	16	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	02/27/97	60180	(ML/S2540C	) Total Dissolved Solids	180	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(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	97	% Rec		
			(Surrogate)	4-Bromofluorobenzene	106	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		
MW-971-36 (970226183) Sampled on 02/26/97								
	03/06/97	60319	(ML/S2320B)	Alkalinity	155	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	5.01	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	51	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	5.21	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	29	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.23	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	475	umho/cm	4.0	1
03/04/97	03/04/97	60248	(EPA/ML 200.8)	Iron, Total, ICAP/MS	460	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	189	mg/l	0.0010	1

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**Laboratory
 Report
 #32573**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	1.9	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	18	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	26	mg/l	1.0	1
	02/28/97	60287	(ML/EPA 300.0)	Nitrate-N by IC	10	mg/l	0.10	1
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	18	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	02/27/97	60180	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1

Regulated VOCs plus Lists 1&3

02/27/97	60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(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	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	91	% Rec		
MW-971-35 (970226184) Sampled on 02/26/97								
	03/06/97	60319	(ML/S2320B)	Alkalinity	170	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	8.83	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	76	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	9.02	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	82	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.35	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	845	umho/cm	4.0	1
03/04/97	03/04/97	60248	(EPA/ML 200.8)	Iron, Total, ICAP/MS	100	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	207	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	3.0	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	43	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	37	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	13	mg/l	0.20	2
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	105	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	02/27/97	60180	(ML/S2540C)	Total Dissolved Solids	480	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/27/97	60181	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	02/27/97	60181	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/27/97	60181	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/27/97	60181	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/27/97	60181	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	02/27/97	60181	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/27/97	60181	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/27/97	60181	(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	104	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-971-34 (970226185) Sampled on 02/26/97

	03/06/97	60319	(ML/S2320B)	Alkalinity	200	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	11.5	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	160	mg/l	5.0	5
	03/09/97		(ML/SM1040)	Cation Sum	14.1	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	110	mg/l	3.0	3
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.501	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	1180	umho/cm	4.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1400	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	244	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.6	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	55	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	34	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	14	mg/l	0.30	3
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	165	mg/l	6.0	3
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	02/27/97	60180	(ML/S2540C)	Total Dissolved Solids	680	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	1.3	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	0.8	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.9	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.9	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.1	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	92	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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QC Batch #60060**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0467	93.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0474	94.8	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0440	88.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	4.4

QC Batch #60159**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.4	101.6	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	26.3	105.2	(80.00 - 120.00)	
MSD	Chloride	25	26.7	106.8	(80.00 - 120.00)	1.5

QC Batch #60160**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	3.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	1.2

QC Batch #60161**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	48.9	97.8	(90.00 - 110.00)	2.0
MBLK	Sulfate	ND				
MS	Sulfate	50	50.4	100.8	(70.00 - 130.00)	
MSD	Sulfate	50	50.2	100.4	(70.00 - 130.00)	0.40

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QC Batch #60173**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.427	85.4	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.411	82.2	(80.00 - 120.00)	3.8
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.336	84.0	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.333	83.2	(70.00 - 130.00)	0.90

QC Batch #60180**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60181**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	4.84	121.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.67	116.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.88	122.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.89	122.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropene	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.83	120.8	(70.00 - 130.00)	

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MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.78	119.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	9.32	116.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.27	106.7	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.82	120.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.73	118.3	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.71	117.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.84	121.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.69	92.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.65	116.3	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			

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LCS1	Fluorotrichloromethane (Freon1)	2	2.17	108.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.11	102.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.47	111.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.79	119.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.85	121.2	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.07	101.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.24	112.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.72	118.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.12	114.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.55	113.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.60	115.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			

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LCS1	trans-1,2-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60245**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	0.97
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	108.	108.0	(70.00 - 130.00)	2.8

QC Batch #60248**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	512	102.4	(85.00 - 115.00)	0.78
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	532.	106.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	576.	115.2	(70.00 - 130.00)	7.9

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QC Batch #60253**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.1	105.5	(85.00 - 115.00)	1.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.4	102.0	(70.00 - 130.00)	0.49

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				

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

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MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60272**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0203	101.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0227	113.5	(85.00 - 115.00)	11
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0218	109.0	(85.00 - 115.00)	0.92

QC Batch #60274**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0209	104.5	(85.00 - 115.00)	3.3
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	7.4

QC Batch #60287**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	3.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	1.2

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QC Batch #60291**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	0.96
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	107.	107.0	(70.00 - 130.00)	1.9

QC Batch #60292**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	0.00
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	551.	110.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	533.	106.6	(70.00 - 130.00)	3.3

QC Batch #60293**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	21.5	107.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.0	105.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>0.869</u>	<u>0.0</u>		
MS	Lead, Total, ICAP/MS	20	21.1	105.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	6.4

QC Batch #60319**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	96.8	100.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96.2	100.0	(90.00 - 110.00)	0.62
MBLK	Alkalinity	ND				

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MS	Alkalinity	96.2	88.5	92.0	(80.00 - 120.00)	
MSD	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	5.1

QC Batch #60326**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	4.83	120.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	5.20	130.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.95	123.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	5.11	127.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.68	108.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.79	119.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				

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MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.70	117.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	5.04	126.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.99	124.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.47	111.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.94	123.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.89	122.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.35	117.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.85	96.2	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.33	108.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.87	121.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.82	120.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.37	109.2	(70.00 - 130.00)

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(continued)

MBLK	Trichlorotrifluoroethane (Freon)	ND			
LCS1	Vinyl chloride (VC)	2	2.36	118.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.76	119.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.01	112.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	5.02	125.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.38	109.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	5.01	125.2	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.82	120.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Report Summary of positive results, PR32573

			Result	MDL	UNITS
Analyzed	970226180	MW-971-94			
02/27/97	Data Entry		03/04/97		--
Analyzed	970226181	MW-971-93			
02/27/97	Data Entry		03/04/97		--
Analyzed	970226182	MW-971-37			
02/27/97	Data Entry		03/04/97		--
03/06/97	Alkalinity		145	2.000	MGL
03/12/97	Anion Sum		3.47	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		175	.001	MGL
03/06/97	Calcium, Flame AA		21	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		5.70	.001	MGL
03/09/97	Cation Sum		3.71	.001	MEQL
02/28/97	Chloride		7.9	1.000	MGL
03/04/97	Iron, Total, ICAP/MS		160	*****	UGL
02/28/97	Lab pH		8.7	.001	UNIT
03/04/97	Lead, Total, ICAP/MS		28	2.000	UGL
03/06/97	Magnesium, Flame AA		12	1.000	MGL
02/28/97	Nitrate-N by IC		0.2	.100	MGL
03/06/97	Potassium, Flame AA		2.3	1.000	MGL
03/06/97	Sodium, Flame AA		37	1.000	MGL
02/28/97	Specific Conductance		320	4.000	UMHO
02/28/97	Sulfate		16	2.000	MGL
02/27/97	Total Dissolved Solids		180	10.000	MGL
Analyzed	970226183	MW-971-36			
02/27/97	Data Entry		03/04/97		--
03/06/97	Alkalinity		155	2.000	MGL
03/12/97	Anion Sum		5.01	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		189	.001	MGL
03/06/97	Calcium, Flame AA		51	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		1.23	.001	MGL
03/09/97	Cation Sum		5.21	.001	MEQL
02/28/97	Chloride		29	1.000	MGL
03/04/97	Iron, Total, ICAP/MS		460	*****	UGL
02/28/97	Lab pH		8.0	.001	UNIT
03/06/97	Magnesium, Flame AA		18	1.000	MGL
02/28/97	Nitrate-N by IC		10	.100	MGL
03/06/97	Potassium, Flame AA		1.9	1.000	MGL
03/06/97	Sodium, Flame AA		26	1.000	MGL
02/28/97	Specific Conductance		475	4.000	UMHO
02/28/97	Sulfate		18	2.000	MGL
02/27/97	Total Dissolved Solids		270	10.000	MGL
Analyzed	970226184	MW-971-35			
02/27/97	Data Entry		03/04/97		--
03/06/97	Alkalinity		170	2.000	MGL
03/12/97	Anion Sum		8.83	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		207	.001	MGL
03/06/97	Calcium, Flame AA		76	1.000	MGL

03/12/97	Carbonate as CO ₃ , Calculated	1.35	.001	MGL
03/09/97	Cation Sum	9.02	.001	MEQL
02/28/97	Chloride	82	2.000	MGL
03/04/97	Iron, Total, ICAP/MS	100	*****	UGL
02/28/97	Lab pH	8.0	.001	UNIT
03/06/97	Magnesium, Flame AA	43	1.000	MGL
02/28/97	Nitrate-N by IC	13	.200	MGL
03/06/97	Potassium, Flame AA	3.0	1.000	MGL
03/06/97	Sodium, Flame AA	37	1.000	MGL
02/28/97	Specific Conductance	845	4.000	UMHO
02/28/97	Sulfate	105	4.000	MGL
02/27/97	Total Dissolved Solids	480	10.000	MGL

Analyzed 970226185 MW-971-34

03/04/97	1,1-Dichloroethane	1.3	.500	UGL
03/04/97	1,2,3-Trichlorobenzene	0.8	.500	UGL
03/04/97	Chloroform (Trichloromethane)	0.8	.500	UGL
03/04/97	Data Entry	03/10/97		--
03/04/97	Tetrachloroethylene (PCE)	1.9	.500	UGL
03/04/97	Trichloroethylene (TCE)	0.9	.500	UGL
03/06/97	Alkalinity	200	2.000	MGL
03/12/97	Anion Sum	11.5	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	244	.001	MGL
03/06/97	Calcium, Flame AA	160	5.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.501	.001	MGL
03/09/97	Cation Sum	14.1	.001	MEQL
02/28/97	Chloride	110	3.000	MGL
03/05/97	Iron, Total, ICAP/MS	1400	*****	UGL
02/28/97	Lab pH	7.5	.001	UNIT
03/06/97	Magnesium, Flame AA	55	1.000	MGL
03/06/97	Nitrate-N by IC	14	.300	MGL
03/06/97	Potassium, Flame AA	2.6	1.000	MGL
03/06/97	Sodium, Flame AA	34	1.000	MGL
02/28/97	Specific Conductance	1180	4.000	UMHO
02/28/97	Sulfate	165	6.000	MGL
02/27/97	Total Dissolved Solids	680	10.000	MGL



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Laboratory Report

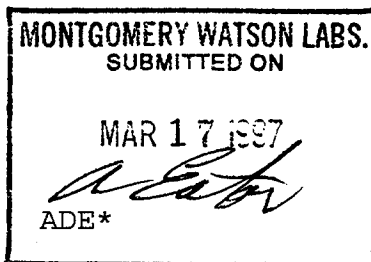
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32601
JPL



MONTGOMERY WATSON LABORATORIES

March 17, 1997

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

Attention: Mark Cutler

Re: Report # 32601 (MW-971-95, 96, 33, 12,11, 10)

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):

All volatiles were analyzed within holding time with acceptable IS and surrogate recoveries.

Samples requiring dilution (with increased MRL's):

Anions by ion chromatography and calcium were diluted in sample -33.

Method blanks with compounds detected:

Lead was detected in the method blank below the CRDL.

Other Comments:

Methylene chloride was detected in sample -95 above the CRDL, but was not detected in any other samples associated with this batch. Volatiles were detected in sample -33.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32601**

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

Samples Received
27-feb-1997 16:22:34

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-95 (970227083)			Sampled on 02/27/97					
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

**MONTGOMERY WATSON LABORATORIES**

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#32601

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	0.6	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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 Report
 #32601**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	2.3	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	101	% Rec		
			(Surrogate)	4-Bromofluorobenzene	103	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-96 (970227084)

Sampled on 02/27/97

Regulated VOCs plus Lists 1&3

03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1

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**Laboratory
 Report
 #32601**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	1,2-Dichloroethane-d4	103	% Rec		
			(Surrogate)	4-Bromofluorobenzene	103	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		
MW-971-33 (970227085) Sampled on 02/27/97								
	03/07/97	60320	(ML/S2320B)	Alkalinity	195	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	11.9	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	150	mg/l	5.0	5
	03/09/97		(ML/SM1040)	Cation Sum	13.2	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	120	mg/l	3.0	3
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.155	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	1140	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	660	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	238	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	46	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	42	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	19	mg/l	0.30	3
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	7.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	155	mg/l	6.0	3
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	680	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	1.5	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.7	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(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	104	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-12 (970227086)

Sampled on 02/27/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	3.84	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	37	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	4.23	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	8.5	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.27	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	365	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	650	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	195	mg/l	0.0010	1

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.0	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	9.3	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	36	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	1.0	mg/l	0.10	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	16	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	230	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(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	105	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		
MW-971-11 (970227087) Sampled on 02/27/97								
	03/07/97	60320	(ML/S2320B)	Alkalinity	155	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.02	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	34	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	4.22	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	15	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.23	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	380	umho/cm	4.0	1
03/04/97	03/04/97	60248	(EPA/ML 200.8)	Iron, Total, ICAP/MS	150	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	189	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	1.9	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	10	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	38	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	4.7	mg/l	0.10	1
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	7.7	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	250	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1



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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(MLS24.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(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	97	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-10 (970227088)

Sampled on 02/27/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	145	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.24	meq/l	0.0010	1
03/04/97	03/06/97	60272	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	43	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	4.62	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	21	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.726	mg/l	0.0010	1
03/04/97	03/04/97	60245	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/27/97	60060	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	02/28/97		(ML/S2510B)	Specific Conductance	425	umho/cm	4.0	1

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**Laboratory
 Report
 #32601**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/04/97	03/04/97	60248	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	177	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	1.9	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	13	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	31	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	7.5	mg/l	0.10	1
03/04/97	03/04/97	60253	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/28/97		(ML/S4500H-B)	Lab pH	7.8	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	10	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(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	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	108	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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Group Comments

(Lead) There was a trace hit in the prep blank for lead. The amount found is less than half the reporting limit.

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Foster Wheeler Environmental, Inc

QC Batch #60060**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0467	93.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0474	94.8	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0440	88.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	4.4

QC Batch #60159**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.4	101.6	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	26.3	105.2	(80.00 - 120.00)	
MSD	Chloride	25	26.7	106.8	(80.00 - 120.00)	1.5

QC Batch #60160**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	3.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	1.2

QC Batch #60161**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	48.9	97.8	(90.00 - 110.00)	2.0
MBLK	Sulfate	ND				
MS	Sulfate	50	50.4	100.8	(70.00 - 130.00)	
MSD	Sulfate	50	50.2	100.4	(70.00 - 130.00)	0.40

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QC Batch #60173**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.427	85.4	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.411	82.2	(80.00 - 120.00)	3.8
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.336	84.0	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.333	83.2	(70.00 - 130.00)	0.90

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60245**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	0.97
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	108.	108.0	(70.00 - 130.00)	2.8

QC Batch #60248**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	512	102.4	(85.00 - 115.00)	0.78
MBLK	Iron, Total, ICAP/MS	ND		0.0		

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MS	Iron, Total, ICAP/MS	500	532.	106.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	576.	115.2	(70.00 - 130.00)	7.9

QC Batch #60253**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.1	105.5	(85.00 - 115.00)	1.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.4	102.0	(70.00 - 130.00)	0.49

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

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Foster Wheeler Environmental, Inc
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QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60272**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0203	101.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0227	113.5	(85.00 - 115.00)	11
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0218	109.0	(85.00 - 115.00)	0.92

QC Batch #60274**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0209	104.5	(85.00 - 115.00)	3.3
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	7.4

QC Batch #60291**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	0.96
MBLK	Chromium, Total, ICAP/MS	ND		0.0		

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MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	107.	107.0	(70.00 - 130.00)	1.9

QC Batch #60292**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	0.00
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	551.	110.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	533.	106.6	(70.00 - 130.00)	3.3

QC Batch #60293**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	21.5	107.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.0	105.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>0.869</u>	<u>0.0</u>		
MS	Lead, Total, ICAP/MS	20	21.1	105.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	6.4

QC Batch #60299**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60320**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.8	103.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.5	103.4	(90.00 - 110.00)	0.30
MBLK	Alkalinity	ND				

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

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Foster Wheeler Environmental, Inc
(continued)

MS	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	95.4	99.2	(80.00 - 120.00)	2.4

QC Batch #60326**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	4.83	120.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	5.20	130.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.95	123.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	5.11	127.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.68	108.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.79	119.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.70	117.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	5.04	126.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.99	124.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.47	111.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.94	123.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.89	122.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.35	117.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.85	96.2	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.33	108.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.87	121.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.82	120.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.37	109.2	(70.00 - 130.00)

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.36	118.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.76	119.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.01	112.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	5.02	125.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.38	109.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	5.01	125.2	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.82	120.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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

Report Summary of positive results, PR32601

		Result	MDL	UNITS
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Analyzed	970227083	MW-971-95		
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03/04/97	Data Entry	03/10/97		--
03/04/97	Dichloromethane	0.6	.500	UGL

Analyzed	970227084	MW-971-96		
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03/04/97	Data Entry	03/10/97		--
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Analyzed	970227085	MW-971-33		
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03/04/97	1,1-Dichloroethane	1.5	.500	UGL
03/04/97	Chloroform (Trichloromethane)	0.7	.500	UGL
03/04/97	Data Entry	03/10/97		--
03/04/97	Tetrachloroethylene (PCE)	0.7	.500	UGL
03/07/97	Alkalinity	195	2.000	MGL
03/12/97	Anion Sum	11.9	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	238	.001	MGL
03/06/97	Calcium, Flame AA	150	5.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.155	.001	MGL
03/09/97	Cation Sum	13.2	.001	MEQL
02/28/97	Chloride	120	3.000	MGL
03/05/97	Iron, Total, ICAP/MS	660	*****	UGL
02/28/97	Lab pH	7.0	.001	UNIT
03/06/97	Magnesium, Flame AA	46	1.000	MGL
02/28/97	Nitrate-N by IC	19	.300	MGL
03/06/97	Potassium, Flame AA	2.5	1.000	MGL
03/06/97	Sodium, Flame AA	42	1.000	MGL
02/28/97	Specific Conductance	1140	4.000	UMHO
02/28/97	Sulfate	155	6.000	MGL
03/04/97	Total Dissolved Solids	680	10.000	MGL

Analyzed	970227086	MW-971-12		
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03/04/97	Data Entry	03/10/97		--
03/07/97	Alkalinity	160	2.000	MGL
03/12/97	Anion Sum	3.84	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	195	.001	MGL
03/06/97	Calcium, Flame AA	37	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	1.27	.001	MGL
03/09/97	Cation Sum	4.23	.001	MEQL
02/28/97	Chloride	8.5	1.000	MGL
03/05/97	Iron, Total, ICAP/MS	650	*****	UGL
02/28/97	Lab pH	8.0	.001	UNIT
03/06/97	Magnesium, Flame AA	9.3	1.000	MGL
02/28/97	Nitrate-N by IC	1.0	.100	MGL
03/06/97	Potassium, Flame AA	2.0	1.000	MGL
03/06/97	Sodium, Flame AA	36	1.000	MGL
02/28/97	Specific Conductance	365	4.000	UMHO
02/28/97	Sulfate	16	2.000	MGL
03/04/97	Total Dissolved Solids	230	10.000	MGL

Analyzed	970227087	MW-971-11		
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03/04/97	Data Entry	03/10/97		--
03/07/97	Alkalinity	155	2.000	MGL

03/12/97	Anion Sum	4.02	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	189	.001	MGL
03/06/97	Calcium, Flame AA	34	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	1.23	.001	MGL
03/09/97	Cation Sum	4.22	.001	MEQL
02/28/97	Chloride	15	1.000	MGL
03/04/97	Iron, Total, ICAP/MS	150	*****	UGL
02/28/97	Lab pH	8.0	.001	UNIT
03/06/97	Magnesium, Flame AA	10	1.000	MGL
02/28/97	Nitrate-N by IC	4.7	.100	MGL
03/06/97	Potassium, Flame AA	1.9	1.000	MGL
03/06/97	Sodium, Flame AA	38	1.000	MGL
02/28/97	Specific Conductance	380	4.000	UMHO
02/28/97	Sulfate	7.7	2.000	MGL
03/04/97	Total Dissolved Solids	250	10.000	MGL

Analyzed 970227088 MW-971-10

03/04/97	Data Entry	03/10/97	--	
03/07/97	Alkalinity	145	2.000	MGL
03/12/97	Anion Sum	4.24	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	177	.001	MGL
03/06/97	Calcium, Flame AA	43	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.726	.001	MGL
03/09/97	Cation Sum	4.62	.001	MEQL
02/28/97	Chloride	21	1.000	MGL
02/28/97	Lab pH	7.8	.001	UNIT
03/06/97	Magnesium, Flame AA	13	1.000	MGL
02/28/97	Nitrate-N by IC	7.5	.100	MGL
03/06/97	Potassium, Flame AA	1.9	1.000	MGL
03/06/97	Sodium, Flame AA	31	1.000	MGL
02/28/97	Specific Conductance	425	4.000	UMHO
02/28/97	Sulfate	10	2.000	MGL
03/04/97	Total Dissolved Solids	270	10.000	MGL



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Laboratory Report

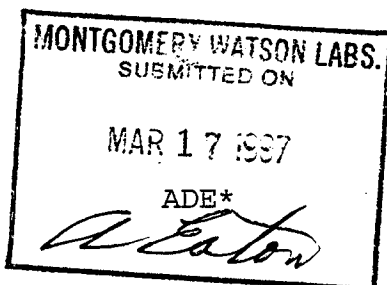
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32621
JPL



MONTGOMERY WATSON LABORATORIES

March 17, 1997

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

Attention: Mark Cutler

Re: Report # 32621 (MW-971-98, 97, 08, 09, 07, 29, 28)

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):

All volatiles were analyzed within holding time with acceptable IS and surrogate recoveries. The cation/anion balance on sample-28 was above 5% difference but reruns did not indicate the source of the imprecision.

Samples requiring dilution (with increased MRL's):

Anions by ion chromatography were diluted in sample -08, 30, 29, and 28..

Method blanks with compounds detected:

Lead was detected in the method blank below the CRDL. Acetone was detected in the method blank and as a TIC.

Other Comments:

Acetone was detected as a TIC in several samples and was detected in the method blank at similar levels. This is a common lab contaminant and may be a false positive. Volatiles were detected in sample -33. For one sample, the TCE was reported as an estimate (E) because it was above the calibration range and insufficient sample remained to dilute. Carbon tetrachloride was detected above the MCL in several samples, as was TCE. Chromium was detected in several samples.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32621**

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

Samples Received
28-feb-1997 15:02:10

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-98 (970228050)				Sampled on 02/28/97				
Regulated VOCs plus Lists 1&3								
03/04/97	60326		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/04/97	60326		(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/04/97	60326		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/04/97	60326		(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
03/04/97	60326		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1



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#32621

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(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	97	% Rec		
			(Surrogate)	4-Bromofluorobenzene	106	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	98	% Rec		
MW-971-97 (970228051)			Sampled on 02/28/97					
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
03/04/97	60326	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.2	ug/L		1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	95	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	106	% Rec		
			(Surrogate	) Toluene-d8	98	% Rec		
MW-971-08 (970228052) Sampled on 02/28/97								
	03/07/97	60320	(ML/S2320B	) Alkalinity	155	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	6.01	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B	) Calcium, Flame AA	64	mg/l	1.0	1
	03/09/97		(ML/SM1040	) Cation Sum	6.24	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300	) Chloride	39	mg/l	2.0	2
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	0.309	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	11	ug/l	10	1
	02/28/97	60107	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B	) Specific Conductance	595	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8	) Iron, Total, ICAP/MS	570	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	189	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B	) Potassium, Flame AA	2.3	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B	) Magnesium, Flame AA	23	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B	) Sodium, Flame AA	25	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0	) Nitrate-N by IC	7.6	mg/l	0.20	2
03/04/97	03/05/97	60293	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B	) Lab pH	7.4	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300	) Sulfate	61	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C	) Total Dissolved Solids	370	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/04/97	60326	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1-Dichloroethylene	0.8	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloroethane	0.8	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/04/97	60326	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/04/97	60326	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Carbon Tetrachloride	7.9	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroform (Trichloromethane)	7.8	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/04/97	60326	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/04/97	60326	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/04/97	60326	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Trichloroethylene (TCE)	19	ug/l	1.0	2
	03/04/97	60326	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/04/97	60326	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		
MW-971-09 (970228053) Sampled on 02/28/97								
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	11	ug/l	10	1
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/05/97	60570	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethylene	0.7	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloroethane	0.8	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/05/97	60570	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/05/97	60570	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Carbon Tetrachloride	7.4	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroform (Trichloromethane)	7.1	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32621**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/05/97	60570	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichloroethylene (TCE)	22E	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/05/97	60570	(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	106	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-07 (970228054)

Sampled on 02/28/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.39	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	50	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	4.63	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	9.3	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.201	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	425	umho/cm	4.0	1

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**Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	360	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	195	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.9	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	15	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	19	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	1.3	mg/l	0.10	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	7.2	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	40	mg/l	2.0	1
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/05/97	60570	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/05/97	60570	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/05/97	60570	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/05/97	60570	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/05/97	60570	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/05/97	60570	(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	105	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		
MW-971-30 (970228055) Sampled on 02/28/97								
	03/07/97	60320	(ML/S2320B)	Alkalinity	175	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.23	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	42	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.63	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	11	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.38	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	410	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	213	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.3	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	11	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	36	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	0.9	mg/l	0.20	2
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	17	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1

Regulated VOCs plus Lists 1&3

	03/05/97	60570	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/05/97	60570	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/05/97	60570	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Carbon Tetrachloride	1.7	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/05/97	60570	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/05/97	60570	(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	103	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-29 (970228056) Sampled on 02/28/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	185	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.71	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	58	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	5.11	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	13	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.46	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	465	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	290	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	225	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.3	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	14	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	23	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.20	2
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	27	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/05/97	60570	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/05/97	60570	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/05/97	60570	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/05/97	60570	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/05/97	60570	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Carbon Tetrachloride	4.9	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/05/97	60570	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/05/97	60570	(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	103	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		
MW-971-28 (970228057) Sampled on 02/28/97								
	03/07/97	60320	(ML/S2320B)	Alkalinity	175	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.63	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B)	Calcium, Flame AA	57	mg/l	1.0	1
	03/09/97		(ML/SM1040)	Cation Sum	5.20	meq/l	0.0010	1
	02/28/97	60159	(ML/EPA 300)	Chloride	15	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.10	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/28/97	60107	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	475	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8)	Iron, Total, ICAP/MS	490	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3, calculated	213	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B)	Potassium, Flame AA	2.9	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B)	Magnesium, Flame AA	15	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B)	Sodium, Flame AA	24	mg/l	1.0	1
	02/28/97	60160	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.20	2
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	7.9	Units	0.0010	1
	02/28/97	60161	(ML/EPA 300)	Sulfate	30	mg/l	4.0	2
	03/03/97	60173	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C)	Total Dissolved Solids	290	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/05/97	60570	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/05/97	60570	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/05/97	60570	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Carbon Tetrachloride	6.4	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.4	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32621**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/05/97	60570	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/05/97	60570	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/05/97	60570	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/05/97	60570	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.3 B	ug/L		1
			(EPA 524.2)					1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		



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Group Comments

(Lead) There was a trace hit in the prep blank for lead. The amount found is less than half the reporting limit.

(Balance) Cation and Anion balance for sample # MW-971-28 is 5.7% difference. The data do support the results.

(524) B indicates that the analyte is also detected in the method blank. E indicates that the result is above the calibration curve.

(970228057)

T-P

due to the size of the sample bottle, four ms' were done for this analysis run.

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QC Report
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Foster Wheeler Environmental, Inc

QC Batch #60107**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0468	93.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0468	93.6	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0530	106.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0551	110.2	(80.00 - 120.00)	3.9

QC Batch #60159**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.4	101.6	(90.00 - 110.00)	0.39
MBLK	Chloride	ND				
MS	Chloride	25	26.3	105.2	(80.00 - 120.00)	
MSD	Chloride	25	26.7	106.8	(80.00 - 120.00)	1.5

QC Batch #60160**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	3.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.47	98.8	(80.00 - 120.00)	1.2

QC Batch #60161**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	48.9	97.8	(90.00 - 110.00)	2.0
MBLK	Sulfate	ND				
MS	Sulfate	50	50.4	100.8	(70.00 - 130.00)	
MSD	Sulfate	50	50.2	100.4	(70.00 - 130.00)	0.40

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QC Batch #60173**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.427	85.4	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.411	82.2	(80.00 - 120.00)	3.8
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.336	84.0	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.333	83.2	(70.00 - 130.00)	0.90

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				

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MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60274**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0209	104.5	(85.00 - 115.00)	3.3
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	7.4

QC Batch #60291**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	0.96
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	107.	107.0	(70.00 - 130.00)	1.9

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QC Batch #60292**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	0.00
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	551.	110.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	533.	106.6	(70.00 - 130.00)	3.3

QC Batch #60293**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	21.5	107.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.0	105.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>0.869</u>	<u>0.0</u>		
MS	Lead, Total, ICAP/MS	20	21.1	105.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	6.4

QC Batch #60299**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60320**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.8	103.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.5	103.4	(90.00 - 110.00)	0.30
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	95.4	99.2	(80.00 - 120.00)	2.4

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QC Batch #60326**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	4.83	120.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	5.20	130.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.95	123.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	5.11	127.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.68	108.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.79	119.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.70	117.5	(70.00 - 130.00)	

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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	5.04	126.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.99	124.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.60	115.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.47	111.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.94	123.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.89	122.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.35	117.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.85	96.2	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.33	108.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.87	121.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.82	120.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.37	109.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.36	118.0	(70.00 - 130.00)

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.76	119.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.01	112.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	5.02	125.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.38	109.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	5.01	125.2	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.82	120.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60570**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	4.60	115.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.91	122.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.81	120.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.57	114.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.69	117.3	(70.00 - 130.00)	

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

**MONTGOMERY WATSON LABORATORIES**

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Laboratory
QC Report
#32621

Foster Wheeler Environmental, Inc
(continued)

MBLK	1,1-Dichloroethylene	ND			
MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.88	122.0	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.99	124.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.59	114.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	9.00	112.5	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.53	113.2	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.78	119.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.72	118.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.74	118.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.55	113.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.76	119.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.69	117.3	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.66	116.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.48	112.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.30	115.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.00	100.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.31	107.7	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.48	112.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.59	114.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.30	107.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon)	4	4.05	101.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon)	ND			
LCS1	Vinyl chloride (VC)	2	2.15	107.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.60	115.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.65	108.1	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.66	116.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.30	107.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.56	114.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.42	110.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Report Summary of positive results, PR32621

			Result	MDL	UNITS
Analyzed	970228050	MW-971-98			
03/04/97	Data Entry		03/10/97		--
Analyzed	970228051	MW-971-97			
03/04/97	Data Entry		03/10/97		--
Analyzed	970228052	MW-971-08			
03/04/97	1,1-Dichloroethylene		0.8	.500	UGL
03/04/97	1,2-Dichloroethane		0.8	.500	UGL
03/04/97	Carbon Tetrachloride		7.9	.500	UGL
03/04/97	Chloroform (Trichloromethane)		7.8	.500	UGL
03/04/97	Data Entry		03/10/97		--
03/04/97	Trichloroethylene (TCE)		19	1.000	UGL
03/07/97	Alkalinity		155	2.000	MGL
03/12/97	Anion Sum		6.01	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		189	.001	MGL
03/06/97	Calcium, Flame AA		64	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		0.309	.001	MGL
03/09/97	Cation Sum		6.24	.001	MEQL
02/28/97	Chloride		39	2.000	MGL
03/05/97	Chromium, Total, ICAP/MS		11	10.000	UGL
03/05/97	Iron, Total, ICAP/MS		570	*****	UGL
03/05/97	Lab pH		7.4	.001	UNIT
03/06/97	Magnesium, Flame AA		23	1.000	MGL
02/28/97	Nitrate-N by IC		7.6	.200	MGL
03/06/97	Potassium, Flame AA		2.3	1.000	MGL
03/06/97	Sodium, Flame AA		25	1.000	MGL
03/05/97	Specific Conductance		595	4.000	UMHO
02/28/97	Sulfate		61	4.000	MGL
03/04/97	Total Dissolved Solids		370	10.000	MGL
Analyzed	970228053	MW-971-09			
03/05/97	1,1-Dichloroethylene		0.7	.500	UGL
03/05/97	1,2-Dichloroethane		0.8	.500	UGL
03/05/97	Carbon Tetrachloride		7.4	.500	UGL
03/05/97	Chloroform (Trichloromethane)		7.1	.500	UGL
03/05/97	Data Entry		03/14/97		--
03/05/97	Trichloroethylene (TCE)		22E	.500	UGL
03/05/97	Chromium, Total, ICAP/MS		11	10.000	UGL
Analyzed	970228054	MW-971-07			
03/05/97	Data Entry		03/14/97		--
03/07/97	Alkalinity		160	2.000	MGL
03/12/97	Anion Sum		4.39	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		195	.001	MGL
03/06/97	Calcium, Flame AA		50	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		0.201	.001	MGL
03/09/97	Cation Sum		4.63	.001	MEQL
02/28/97	Chloride		9.3	1.000	MGL
03/05/97	Iron, Total, ICAP/MS		360	*****	UGL
03/05/97	Lab pH		7.2	.001	UNIT

03/06/97	Magnesium, Flame AA	15	1.000	MGL
02/28/97	Nitrate-N by IC	1.3	.100	MGL
03/06/97	Potassium, Flame AA	2.9	1.000	MGL
03/06/97	Sodium, Flame AA	19	1.000	MGL
03/05/97	Specific Conductance	425	4.000	UMHO
02/28/97	Sulfate	40	2.000	MGL
03/04/97	Total Dissolved Solids	260	10.000	MGL

Analyzed 970228055 MW-971-30

03/05/97	Carbon Tetrachloride	1.7	.500	UGL
03/05/97	Chloroform (Trichloromethane)	0.5	.500	UGL
03/05/97	Data Entry	03/14/97		--
03/07/97	Alkalinity	175	2.000	MGL
03/12/97	Anion Sum	4.23	.001	MEQL
03/12/97	Bicarbonate as HCO3,calculated	213	.001	MGL
03/06/97	Calcium, Flame AA	42	1.000	MGL
03/12/97	Carbonate as CO3, Calculated	1.38	.001	MGL
03/14/97	Cation Sum	4.63	.001	MEQL
02/28/97	Chloride	11	2.000	MGL
03/05/97	Lab pH	8.0	.001	UNIT
03/06/97	Magnesium, Flame AA	11	1.000	MGL
02/28/97	Nitrate-N by IC	0.9	.200	MGL
03/06/97	Potassium, Flame AA	2.3	1.000	MGL
03/06/97	Sodium, Flame AA	36	1.000	MGL
03/05/97	Specific Conductance	410	4.000	UMHO
02/28/97	Sulfate	17	4.000	MGL
03/04/97	Total Dissolved Solids	260	10.000	MGL

Analyzed 970228056 MW-971-29

03/05/97	Carbon Tetrachloride	4.9	.500	UGL
03/05/97	Chloroform (Trichloromethane)	1.3	.500	UGL
03/05/97	Data Entry	03/14/97		--
03/07/97	Alkalinity	185	2.000	MGL
03/12/97	Anion Sum	4.71	.001	MEQL
03/12/97	Bicarbonate as HCO3,calculated	225	.001	MGL
03/06/97	Calcium, Flame AA	58	1.000	MGL
03/12/97	Carbonate as CO3, Calculated	1.46	.001	MGL
03/09/97	Cation Sum	5.11	.001	MEQL
02/28/97	Chloride	13	2.000	MGL
03/05/97	Iron, Total, ICAP/MS	290	*****	UGL
03/05/97	Lab pH	8.0	.001	UNIT
03/06/97	Magnesium, Flame AA	14	1.000	MGL
02/28/97	Nitrate-N by IC	1.2	.200	MGL
03/06/97	Potassium, Flame AA	2.3	1.000	MGL
03/06/97	Sodium, Flame AA	23	1.000	MGL
03/05/97	Specific Conductance	465	4.000	UMHO
02/28/97	Sulfate	27	4.000	MGL
03/04/97	Total Dissolved Solids	270	10.000	MGL

Analyzed 970228057 MW-971-28

03/05/97	Carbon Tetrachloride	6.4	.500	UGL
03/05/97	Chloroform (Trichloromethane)	1.4	.500	UGL
03/05/97	Data Entry	03/14/97		--
03/07/97	Alkalinity	175	2.000	MGL
03/12/97	Anion Sum	4.63	.001	MEQL
03/12/97	Bicarbonate as HCO3,calculated	213	.001	MGL
03/06/97	Calcium, Flame AA	57	1.000	MGL

03/12/97	Carbonate as CO ₃ , Calculated	1.10	.001	MGL
03/09/97	Cation Sum	5.20	.001	MEQL
02/28/97	Chloride	15	2.000	MGL
03/05/97	Iron, Total, ICAP/MS	490	*****	UGL
03/05/97	Lab pH	7.9	.001	UNIT
03/06/97	Magnesium, Flame AA	15	1.000	MGL
02/28/97	Nitrate-N by IC	1.2	.200	MGL
03/06/97	Potassium, Flame AA	2.9	1.000	MGL
03/06/97	Sodium, Flame AA	24	1.000	MGL
03/05/97	Specific Conductance	475	4.000	UMHO
02/28/97	Sulfate	30	4.000	MGL
03/04/97	Total Dissolved Solids	290	10.000	MGL



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Laboratory Report

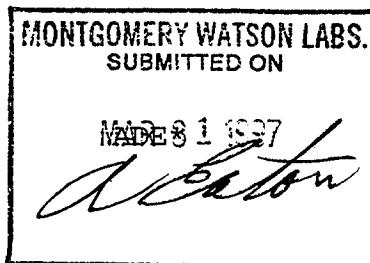
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32645
JPL



MONTGOMERY WATSON LABORATORIES

March 31, 1997

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

Attention: Mark Cutler

Re: Report # 32645 (MW-971-100,99,27, 27 MS, 27 MSD)

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):

All volatile samples were analyzed within holding times with acceptable surrogate and IS recoveries. Freon was recovered high in the LCS but was not detected in any samples. Vinyl chloride was recovered just over the 130% upper limit in the LCS, but was not detected in any samples. Results for freon and vinyl chloride would be biased high if they were detected.

Samples requiring dilution (with increased MRL's):

None.

Method blanks with compounds detected:

Acetone was detected as a TIC and in the blank and in sample-100 and -27. It is possibly a false positive. Napthalene and 1,2,3-TCB were detected below the minimum reporting level in the method blank but were not detected in any samples (ref QIR MS-97-009). Lead was detected above the MDL but below the CRDL in the method blank but was not detected in any samples.

Other Comments:

Acetone was detected as a TIC at low levels. Methylene chloride was detected in sample-100. The cation/anion balance was >5%. Cations were re-analyzed with no significant difference. Carbon Tetrachloride was detected above the MCL in sample -27 and TCE was also detected. Sample -27 was used as an MS/MSD for volatiles and for tributyl tin (analyzed by TOXSCAN).

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32645**

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

Samples Received
03-mar-1997 16:11:48

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-100 (970303099)				Sampled on 03/03/97				
Regulated VOCs plus Lists 1&3								
03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	

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**Laboratory
 Report
 #32645**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	0.5	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.6 B	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	100	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		

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**Laboratory
 Report
 #32645**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	95	% Rec		
MW-971-99 (970303100)				Sampled on 03/03/97				
03/04/97	03/06/97	60274	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
03/04/97	03/05/97	60291	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/97	60196	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ng/l	2.0	1
03/04/97	03/05/97	60293	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	

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**Laboratory
Report
#32645**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1

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**Laboratory
 Report
 #32645**

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	103	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	105	% Rec		
			(Surrogate	) Toluene-d8	98	% Rec		
MW-971-27 (970303101) Sampled on 03/03/97								
	03/07/97	60320	(ML/S2320B	) Alkalinity	185	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	5.02	meq/l	0.0010	1
03/04/97	03/06/97	60274	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/06/97	60263	(ML/S3111B	) Calcium, Flame AA	57	mg/l	1.0	1
	03/09/97		(ML/SM1040	) Cation Sum	5.45	meq/l	0.0010	1
	03/05/97	60276	(ML/EPA 300	) Chloride	14	mg/l	2.0	2
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	0.582	mg/l	0.0010	1
03/04/97	03/05/97	60291	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/04/97	60196	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	03/14/97		(	) GC Custom Analysis	ND	ng/l	2.0	1
	03/05/97		(ML/S2510B	) Specific Conductance	495	umho/cm	4.0	1
03/04/97	03/05/97	60292	(EPA/ML 200.8	) Iron, Total, ICAP/MS	150	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	225	mg/l	0.0010	1
	03/06/97	60237	(ML/S3111B	) Potassium, Flame AA	3.1	mg/l	1.0	1
	03/06/97	60260	(ML/S3111B	) Magnesium, Flame AA	18	mg/l	1.0	1
	03/06/97	60259	(ML/S3111B	) Sodium, Flame AA	24	mg/l	1.0	1
	03/05/97	60283	(ML/EPA 300.0	) Nitrate-N by IC	1.9	mg/l	0.20	2
03/04/97	03/05/97	60293	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B	) Lab pH	7.6	Units	0.0010	1
	03/05/97	60281	(ML/EPA 300	) Sulfate	38	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	03/04/97	60299	(ML/S2540C	) Total Dissolved Solids	310	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/06/97	60548	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	1.1	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.5	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.1 B	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	108	% Rec		
			(Surrogate)	4-Bromofluorobenzene	106	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-27 MS (970303102)

Sampled on 03/03/97

03/14/97	(	) GC Custom Analysis	30.5	ng/l	2.0	1
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Regulated VOCs plus Lists 1&3

03/07/97	60572	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloroethylene	4.61	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1

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818 568 6400; Fax: 818 568 6324;
1 800 566 LABS (1 800 566 5227)

Laboratory
Report
#32645

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60572	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.76	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.61	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	03/07/97	60572	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Chlorotoluene	4.62	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	Benzene	4.52	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chlorobenzene	4.78	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.30	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1

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**Laboratory
 Report
 #32645**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60572	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.83	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Toluene	4.78	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	101	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-971-27 MSD (970303103)

Sampled on 03/03/97

03/14/97	(	) GC Custom Analysis	42	ng/l	2.0	1
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Regulated VOCs plus Lists 1&3

03/07/97	60572	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloroethylene	4.93	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
03/07/97	60572	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60572	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.73	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.72	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	03/07/97	60572	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Chlorotoluene	4.59	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	Benzene	4.69	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chlorobenzene	5.08	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.46	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60572	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/07/97	60572	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.53	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Toluene	4.86	ug/l	0.50	1
	03/07/97	60572	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		



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Report
Comments
#32645

Group Comments

(524) Naphthalene and 1,2,3-Trichlorobenzene detected above half the MRL in the method blank. QIR-MS-97-009.

Tributyl Tin (CustomGC) analyzed by TOXSCAN

(Balance) The percent difference between the anion and cation is greater than %5. The conductivity result supports the anion results. The cations were re-analyzed and obtained close to the original results. The out of control percent difference is most likely caused by some other factors.

Report Summary of positive results, PR32645

			Result	MDL	UNITS
Analyzed	970303099	MW-971-100			
03/06/97	Data Entry		03/13/97		--
03/06/97	Dichloromethane		0.5	.500	UGL
Analyzed	970303100	MW-971-99			
03/06/97	Data Entry		03/13/97		--
Analyzed	970303101	MW-971-27			
03/06/97	Carbon Tetrachloride		1.1	.500	UGL
03/06/97	Data Entry		03/13/97		--
03/06/97	Trichloroethylene (TCE)		0.5	.500	UGL
03/07/97	Alkalinity		185	2.000	MGL
03/12/97	Anion Sum		5.02	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		225	.001	MGL
03/06/97	Calcium, Flame AA		57	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		0.582	.001	MGL
03/09/97	Cation Sum		5.45	.001	MEQL
03/05/97	Chloride		14	2.000	MGL
03/05/97	Iron, Total, ICAP/MS		150	*****	UGL
03/05/97	Lab pH		7.6	.001	UNIT
03/06/97	Magnesium, Flame AA		18	1.000	MGL
03/05/97	Nitrate-N by IC		1.9	.200	MGL
03/06/97	Potassium, Flame AA		3.1	1.000	MGL
03/06/97	Sodium, Flame AA		24	1.000	MGL
03/05/97	Specific Conductance		495	4.000	UMHO
03/05/97	Sulfate		38	4.000	MGL
03/04/97	Total Dissolved Solids		310	10.000	MGL
Analyzed	970303102	MW-971-27 MS			
03/07/97	1,1-Dichloroethylene		4.61	.500	UGL
03/07/97	1,2,4-Trichlorobenzene		4.76	.500	UGL
03/07/97	Benzene		4.52	.500	UGL
03/07/97	Chlorobenzene		4.78	.500	UGL
03/07/97	Chloroform (Trichloromethane)		5.30	.500	UGL
03/07/97	Data Entry		03/14/97		--
03/07/97	Toluene		4.78	.500	UGL
03/07/97	Trichloroethylene (TCE)		4.83	.500	UGL
03/07/97	p-Chlorotoluene		4.62	.500	UGL
03/07/97	p-Dichlorobenzene (1,4-DCB)		4.61	.500	UGL
03/14/97	GC Custom Analysis		30.5	2.000	NGL
Analyzed	970303103	MW-971-27 MSD			
03/07/97	1,1-Dichloroethylene		4.93	.500	UGL
03/07/97	1,2,4-Trichlorobenzene		4.73	.500	UGL
03/07/97	Benzene		4.69	.500	UGL
03/07/97	Chlorobenzene		5.08	.500	UGL
03/07/97	Chloroform (Trichloromethane)		5.46	.500	UGL
03/07/97	Data Entry		03/14/97		--
03/07/97	Toluene		4.86	.500	UGL
03/07/97	Trichloroethylene (TCE)		5.53	.500	UGL
03/07/97	p-Chlorotoluene		4.59	.500	UGL

03/07/97	p-Dichlorobenzene (1,4-DCB)	4.72	.500	UGL
03/14/97	GC Custom Analysis	42	2.000	NGL

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QC Batch #60196**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0476	95.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0469	93.8	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0476	95.2	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0483	96.6	(80.00 - 120.00)	1.5

QC Batch #60237**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	1.1
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	18.9	94.5	(80.00 - 120.00)	0.00

QC Batch #60259**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	50	100.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	50.6	101.2	(90.00 - 110.00)	1.2
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	49.6	99.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	48.8	97.6	(80.00 - 120.00)	1.6

QC Batch #60260**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19	95.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	18.8	94.0	(90.00 - 110.00)	1.1
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.2	96.0	(80.00 - 120.00)	0.52

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60263**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	51.7	103.4	(90.00 - 110.00)	1.2
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	42.7	85.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	43.6	87.2	(80.00 - 120.00)	2.1

QC Batch #60274**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0209	104.5	(85.00 - 115.00)	3.3
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	7.4

QC Batch #60276**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.2	100.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	27.0	108.0	(80.00 - 120.00)	
MSD	Chloride	25	27.0	108.0	(80.00 - 120.00)	0.00

QC Batch #60281**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50.8	101.6	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	1.4
MBLK	Sulfate	ND				

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

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Foster Wheeler Environmental, Inc
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MS	Sulfate	50	54.2	108.4	(70.00 - 130.00)	
MSD	Sulfate	50	54.1	108.2	(70.00 - 130.00)	0.18

QC Batch #60283**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.56	102.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.51	100.4	(90.00 - 110.00)	2.0
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.63	105.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.63	105.2	(80.00 - 120.00)	0.00

QC Batch #60291**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	104	104.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	0.96
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	105.	105.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	107.	107.0	(70.00 - 130.00)	1.9

QC Batch #60292**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	524	104.8	(85.00 - 115.00)	0.00
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	551.	110.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	533.	106.6	(70.00 - 130.00)	3.3

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QC Batch #60293**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	21.5	107.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	21.0	105.0	(85.00 - 115.00)	2.4
MBLK	Lead, Total, ICAP/MS	ND	<u>0.869</u>	<u>0.0</u>		
MS	Lead, Total, ICAP/MS	20	21.1	105.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	6.4

QC Batch #60299**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	182	104.0	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60320**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.8	103.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.5	103.4	(90.00 - 110.00)	0.30
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	95.4	99.2	(80.00 - 120.00)	2.4

QC Batch #60548**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	4.99	124.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.59	114.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				

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LCS1	1,1,2-Trichloroethane	4	4.34	108.5	(70.00 - 130.00)
MBLK	1,1,2-Trichloroethane	ND			
LCS1	1,1-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)
MBLK	1,1-Dichloroethane	ND			
LCS1	1,1-Dichloroethylene	4	5.15	128.8	(70.00 - 130.00)
MBLK	1,1-Dichloroethylene	ND			
MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND	<u>0.25</u>		
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	5.03	125.8	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.74	118.5	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.61	115.3	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.47	105.9	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.86	121.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.60	115.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.36	109.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	5.20	130.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.35	108.7	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			

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Foster Wheeler Environmental, Inc
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MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.96	124.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.76	119.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.62	115.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.39	119.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.62	90.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND	<u>0.26</u>		
LCS1	Styrene	4	4.19	104.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.86	121.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.87	121.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.67	116.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.28	107.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.59	129.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.95	111.9	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			

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

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LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.74	118.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.32	108.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.84	121.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.83	120.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60572**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	4.99	124.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.81	120.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.60	115.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.94	123.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.80	120.0	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.73	118.3	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.41	110.2	(70.00 - 130.00)	

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

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.57	107.1	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.64	116.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.71	117.8	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.88	122.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	5.06	126.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.91	122.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.78	119.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.79	119.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.68	117.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.97	124.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.72	<u>136.0</u>	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.43	85.8	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.79	119.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	5.02	125.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.91	122.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.72	118.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.38	109.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.61	<u>130.5</u>	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.51	112.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.96	124.5	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.72	118.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.90	122.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.74	118.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.35	108.7	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60661**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.408	81.6	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.417	83.4	(80.00 - 120.00)	2.2
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.461	115.3	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.456	114.0	(70.00 - 130.00)	1.1

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

QUALITY INVESTIGATION REPORT

QIR No. MS-97-009

Analysis Date: March 6, 1997

Analysis: 524.2

Extraction Date: NA

Matrix: WATER

Analyst: Yom

Instrument ID: GCM5D

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
970226081	GUAM Yom 3/1/97	GUAM	970304136	TB #5220	Foster Wheeler
970226082	D-3	↓	970304137	MW-971-101	↓
970226083	D-9	↓	970304138	MW-971-25	↓
970226084	D-11	↓	970304139	MW-971-26	↓
	TB	↓	970304140	MW-971-14	↓
			970304141	MW-971-39	↓
			970303079	MW-971-100	↓
			970303100	MW-971-99	↓
			970303101	MW-971-27	↓

Brief Description: (include reason for non-compliance)

Yom 3/11/97
~~Hit for~~ Naphthalene and 1,2,3-Trichlorobenzene detected in method blank above half the MEL. > 0.25 ppb (carry-over from LCS).

Action Taken:

- Document problem.
- None of these compounds detected in any of the samples.

Impact on Data Quality:

None

Data Disposition:

Re-run ☐

Re-sample ☐

Original Data Reported ☒

Report Annotated ☒

Other:

Annotation:

as above in description

Client Contact:

OK for Foster Wheeler
 OK for PVAC - report. HOS 3/13/97

Extraction:

NA

Analyst:

Yalanda Alston

Group Leader:

Cecilia Ser

QA Coordinator:

Maria Corp

Project Manager:

A. Eaton Villalobos

Date:

NA

Date:

3-11-97

Date:

3/11/97

Date:

3/13/97

Date:

3/13/97 3/12/97



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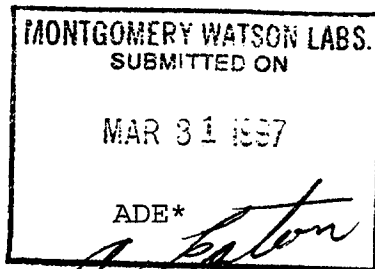
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32685
JPL



MONTGOMERY WATSON LABORATORIES

March 31, 1997

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

Attention: Mark Cutler

Re: Report # 32685 (MW-971-102,101,25,26, 14, 39)

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):

All volatile samples were analyzed within holding times with acceptable surrogate and IS recoveries.

Samples requiring dilution (with increased MRL's):

Sample-26 and -39 were diluted for analysis of anions. Sample-39 was diluted for analysis of several volatiles. This sample was also analyzed neat.

Method blanks with compounds detected:

Acetone was detected as a TIC and in the blank and in several samples. It is flagged with a B. It is possibly a false positive. Lead was detected above the MDL but below the CRDL in the method blank. It may contribute to the lead detected in samples -101 and -26. Napthalene and 1,2,3-TCB were detected below the minimum reporting level in the method blank but were not detected in any samples (ref QIR MS-97-009).

Other Comments:

Acetone was detected as a TIC at low levels. Lead was detected in sample-101 and in sample-26. The cation/anion balance was >5% in samples -25 and -39. Cations were re-analyzed with no significant difference. Chloroform was detected in samples -25 and -26. Numerous volatiles were detected above the MCL in sample-39. Tributyl tin was analyzed by TOXSCAN.

Sincerely,


Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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Laboratory
Report
#32685

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

Samples Received
04-mar-1997 17:12:14

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-102 (970304136) Sampled on 03/04/97								
Regulated VOCs plus Lists 1&3								
03/06/97	60548		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/06/97	60548		(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/06/97	60548		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/06/97	60548		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
03/06/97	60548		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#32685

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	1.6 B	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	108	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		

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**Laboratory
 Report
 #32685**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	98	% Rec		
MW-971-101 (970304137)				Sampled on 03/04/97				
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/97	60226	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ng/l	2.0	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	3.4	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1

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**Laboratory
Report
#32685**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1

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**Laboratory
Report
#32685**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(EPA 524.2)	Acetone	2.3 B	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		
MW-971-25 (970304138) Sampled on 03/04/97								
	03/07/97	60320	(ML/S2320B)	Alkalinity	165	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.54	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	48	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	5.11	meq/l	0.0010	1
	03/05/97	60276	(ML/EPA 300)	Chloride	15	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.413	mg/l	0.0010	1
	03/12/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/97	60226	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ng/l	2.0	1
	03/05/97		(ML/S2510B)	Specific Conductance	465	umho/cm	4.0	1
	03/12/97	60473	(EPA/ML 200.8)	Iron, Total, ICAP/MS	200	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	201	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	3.6	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	03/05/97	60283	(ML/EPA 300.0)	Nitrate-N by IC	1.0	mg/l	0.20	2
03/11/97	03/12/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	03/05/97	60281	(ML/EPA 300)	Sulfate	36	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.8	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32685**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(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	103	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-971-26 (970304139)

Sampled on 03/04/97

03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	1.0	1
	03/05/97	60226	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ug/l	2.0	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	3.2	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.7	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(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	105	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-971-14 (970304140)

Sampled on 03/04/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	170	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	6.85	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	74	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	6.97	meq/l	0.0010	1
	03/05/97	60276	(ML/EPA 300)	Chloride	63	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.135	mg/l	0.0010	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	14	ug/l	10	1
	03/05/97	60226	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	685	umho/cm	4.0	1
	03/12/97	60473	(EPA/ML 200.8)	Iron, Total, ICAP/MS	180	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	207	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	1.8	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	26	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	25	mg/l	1.0	1
	03/05/97	60283	(ML/EPA 300.0)	Nitrate-N by IC	6.5	mg/l	0.20	2
03/11/97	03/12/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	7.0	Units	0.0010	1
	03/05/97	60281	(ML/EPA 300)	Sulfate	58	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	0.08	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	400	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	0.8	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1

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**Laboratory
Report
#32685**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(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	102	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-39 (970304141)

Sampled on 03/04/97

	03/07/97	60320	(ML/S2320B)	Alkalinity	95	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.47	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	48	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	5.02	meq/l	0.0010	1
	03/05/97	60276	(ML/EPA 300)	Chloride	21	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.150	mg/l	0.0010	1
	03/12/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/05/97	60226	(ML/SW 7196)	Hexavalent chromium	0.007	mg/l	0.005	1
	03/05/97		(ML/S2510B)	Specific Conductance	505	umho/cm	4.0	1
	03/12/97	60473	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	116	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	19	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	23	mg/l	1.0	1
	03/05/97	60283	(ML/EPA 300.0)	Nitrate-N by IC	18	mg/l	0.20	2
03/11/97	03/12/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/05/97		(ML/S4500H-B)	Lab pH	7.3	Units	0.0010	1
	03/05/97	60281	(ML/EPA 300)	Sulfate	33	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	310	mg/l	10	1

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**Laboratory
Report
#32685**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
Regulated VOCs plus Lists 1&3								
03/06/97	60548	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloroethylene	2.6	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloroethane	1.7	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/06/97	60548	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/06/97	60548	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Carbon Tetrachloride	91	ug/l	2.5	5	
03/06/97	60548	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	
03/10/97	60548	(ML/EPA 524.2)	Chloroform (Trichloromethane)	29	ug/l	2.5	5	
03/06/97	60548	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1	
03/06/97	60548	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1	

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Laboratory
Report
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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60548	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/06/97	60548	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.3	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/10/97	60548	(ML/EPA 524.2)	Trichloroethylene (TCE)	23	ug/l	2.5	5
	03/06/97	60548	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	1.6	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/06/97	60548	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		



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Report
Comments
#32685

Group Comments

(Lead) There was a trace hit in the prep blank for lead. The amount found is less than half the reporting limit.

(524) Naphthalene and 1,2,3-Trichlorobenzene detected above half the MRL in method blank analyzed on 3/6/97.

QIR-MS-97-009.

Tributyl Tin (CustomGC) analyzed by TOXSCAN.

(Balance) Sample MW-971-25, and MW-971-39:

The percent difference between the anion and cation is greater than %5. The conductivity result supports the anion results. The cations were re-analyzed and obtained close to the original results. The out of control percent difference is most likely caused by some other factors.



SUB LAB QUOTE #

3/6/97

Date

P.O.# Sub 97-071

MWL GROUP # 32685

SUB LAB: ToxScan

42 Hangar Way

Watsonville, CA 95076-2404

(408) 724-4522 Fax: (408) 724-3188

SUB LAB CONTACT

Please provide results by **Mail** **Fax** **Telephone**

Karen King

[illegible]

TOTAL BILLABLE SAMPLES

SPECIAL REQUIREMENTS:

Need Level IV Data Package - OK to batch with prior set per discussion with A. Eaton on 3/6/97

RELINQUISHED BY Martin DeMesa

DATE: 3/6/97

RECEIVED BY: _____

DATE:

Report Summary of positive results, PR32685

			Result	MDL	UNITS
Analyzed	970304136	MW-971-102			
03/06/97	Data Entry		03/13/97		--
Analyzed	970304137	MW-971-101			
03/06/97	Data Entry		03/13/97		--
03/11/97	Lead, Total, ICAP/MS		3.4	2.000	UGL
Analyzed	970304138	MW-971-25			
03/06/97	Chloroform (Trichloromethane)		5.8	.500	UGL
03/06/97	Data Entry		03/13/97		--
03/07/97	Alkalinity		165	2.000	MGL
03/12/97	Anion Sum		4.54	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		201	.001	MGL
03/13/97	Calcium, Flame AA		48	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		0.413	.001	MGL
03/14/97	Cation Sum		5.11	.001	MEQL
03/05/97	Chloride		15	2.000	MGL
03/12/97	Iron, Total, ICAP/MS		200	*****	UGL
03/05/97	Lab pH		7.5	.001	UNIT
03/13/97	Magnesium, Flame AA		17	1.000	MGL
03/05/97	Nitrate-N by IC		1.0	.200	MGL
03/13/97	Potassium, Flame AA		3.6	1.000	MGL
03/13/97	Sodium, Flame AA		28	1.000	MGL
03/05/97	Specific Conductance		465	4.000	UMHO
03/05/97	Sulfate		36	4.000	MGL
03/07/97	Total Dissolved Solids		270	10.000	MGL
Analyzed	970304139	MW-971-26			
03/06/97	Chloroform (Trichloromethane)		5.7	.500	UGL
03/06/97	Data Entry		03/13/97		--
03/11/97	Lead, Total, ICAP/MS		3.2	2.000	UGL
Analyzed	970304140	MW-971-14			
03/06/97	1,1-Dichloroethane		0.8	.500	UGL
03/06/97	Data Entry		03/13/97		--
03/07/97	Alkalinity		170	2.000	MGL
03/12/97	Anion Sum		6.85	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated		207	.001	MGL
03/13/97	Calcium, Flame AA		74	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated		0.135	.001	MGL
03/14/97	Cation Sum		6.97	.001	MEQL
03/05/97	Chloride		63	2.000	MGL
03/12/97	Chromium, Total, ICAP/MS		14	10.000	UGL
03/12/97	Iron, Total, ICAP/MS		180	*****	UGL
03/05/97	Lab pH		7.0	.001	UNIT
03/13/97	Magnesium, Flame AA		26	1.000	MGL
03/05/97	Nitrate-N by IC		6.5	.200	MGL
03/13/97	Potassium, Flame AA		1.8	1.000	MGL
03/13/97	Sodium, Flame AA		25	1.000	MGL
03/05/97	Specific Conductance		685	4.000	UMHO
03/05/97	Sulfate		58	4.000	MGL

03/07/97	Total Dissolved Solids	400	10.000	MGL
03/17/97	Total phosphorus-P	0.08	.050	MGL
Analyzed	970304141 MW-971-39			
03/06/97	1,1-Dichloroethylene	2.6	.500	UGL
03/06/97	1,2-Dichloroethane	1.7	.500	UGL
03/06/97	Carbon Tetrachloride	91	2.500	UGL
03/10/97	Chloroform (Trichloromethane)	29	2.500	UGL
03/06/97	Data Entry	03/13/97		--
03/06/97	Tetrachloroethylene (PCE)	1.3	.500	UGL
03/10/97	Trichloroethylene (TCE)	23	2.500	UGL
03/06/97	Trichlorotrifluoroethane (Freon)	1.6	.500	UGL
03/07/97	Alkalinity	95	2.000	MGL
03/12/97	Anion Sum	4.47	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ , calculated	116	.001	MGL
03/13/97	Calcium, Flame AA	48	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.150	.001	MGL
03/14/97	Cation Sum	5.02	.001	MEQL
03/05/97	Chloride	21	2.000	MGL
03/05/97	Hexavalent chromium	0.007	.005	MGL
03/05/97	Lab pH	7.3	.001	UNIT
03/13/97	Magnesium, Flame AA	19	1.000	MGL
03/05/97	Nitrate-N by IC	18	.200	MGL
03/13/97	Potassium, Flame AA	2.2	1.000	MGL
03/13/97	Sodium, Flame AA	23	1.000	MGL
03/05/97	Specific Conductance	505	4.000	UMHO
03/05/97	Sulfate	33	4.000	MGL
03/07/97	Total Dissolved Solids	310	10.000	MGL

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Laboratory
QC Report
#32685

Foster Wheeler Environmental, Inc

QC Batch #60226**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0463	92.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0491	98.2	(78.00 - 118.00)	5.9
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0463	92.6	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0484	96.8	(80.00 - 120.00)	4.4

QC Batch #60276**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.2	100.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	27.0	108.0	(80.00 - 120.00)	
MSD	Chloride	25	27.0	108.0	(80.00 - 120.00)	0.00

QC Batch #60281**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50.8	101.6	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	1.4
MBLK	Sulfate	ND				
MS	Sulfate	50	54.2	108.4	(70.00 - 130.00)	
MSD	Sulfate	50	54.1	108.2	(70.00 - 130.00)	0.18

QC Batch #60283**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.56	102.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.51	100.4	(90.00 - 110.00)	2.0
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.63	105.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.63	105.2	(80.00 - 120.00)	0.00

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60317**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	0.00
MBLK	Total Dissolved Solids	ND				

QC Batch #60320**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.8	103.7	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.5	103.4	(90.00 - 110.00)	0.30
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	93.1	96.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	95.4	99.2	(80.00 - 120.00)	2.4

QC Batch #60470**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	98.0	98.0	(85.00 - 115.00)	5.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	99.4	99.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101.	101.0	(70.00 - 130.00)	1.6

QC Batch #60471**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	99.0	99.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	97.4	97.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	97.9	97.9	(70.00 - 130.00)	0.51

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QC Batch #60473		Iron, Total, ICAP/MS				
QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	530	106.0	(85.00 - 115.00)	1.3
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	499.	99.8	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	507.	101.4	(70.00 - 130.00)	1.6

QC Batch #60476		Arsenic, Total, GF				
QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0200	100.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	7.7
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0208	104.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	1.9

QC Batch #60523		Potassium, Flame AA				
QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19	95.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	1.6
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	19.7	98.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	1.0

QC Batch #60525		Sodium, Flame AA				
QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	52.5	105.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	2.7
MBLK	Sodium, Flame AA	ND				

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MS	Sodium, Flame AA	50	52	104.0	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	53.4	106.8	(80.00 - 120.00)	2.7

QC Batch #60548**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	4.99	124.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.59	114.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.34	108.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.91	122.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	5.15	128.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND	<u>0.25</u>			
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	5.03	125.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.74	118.5	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.61	115.3	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.47	105.9	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.86	121.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				

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MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.60	115.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.36	109.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	5.20	130.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.35	108.7	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.96	124.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.76	119.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.62	115.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.39	119.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.62	90.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND	<u>0.26</u>		
LCS1	Styrene	4	4.19	104.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.86	121.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.87	121.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.67	116.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.28	107.0	(70.00 - 130.00)

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MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.59	129.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.95	111.9	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.74	118.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.32	108.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.84	121.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.83	120.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60556**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	49	98.0	(90.00 - 110.00)	0.20
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	45.1	90.2	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	48.9	97.8	(80.00 - 120.00)	8.1

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QC Batch #60559**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	0.00
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.1	100.5	(80.00 - 120.00)	2.0

QC Batch #60567**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0219	109.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	6.1
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0213	106.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	4.6

QC Batch #60596**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.2	101.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	3.0
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20	17.3	86.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.1	100.5	(70.00 - 130.00)	15

QC Batch #60597**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.1	100.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	20.3	101.5	(85.00 - 115.00)	0.99
MBLK	Lead, Total, ICAP/MS	ND				

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MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	1.5

QC Batch #60661**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.408	81.6	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.417	83.4	(80.00 - 120.00)	2.2
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.461	115.3	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.456	114.0	(70.00 - 130.00)	1.1

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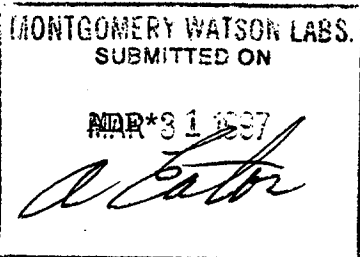
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32733
JPL



MONTGOMERY WATSON LABORATORIES

March 31, 1997

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

Attention: Mark Cutler

Re: Report # 32733 (MW-971-104,103, 200, 19, 24,15,23,18,22,21,20,13,
13MS, 13MSD)

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):

All volatile samples were analyzed within holding times with acceptable surrogate and IS recoveries.

Samples requiring dilution (with increased MRL's):

Sample-15, 18, 21, and 20 were diluted for analysis of anions. Sample-15 was diluted for analysis of several volatiles. This sample was also analyzed neat.

Method blanks with compounds detected:

Lead was detected above the MDL but below the CRDL in the method blank. It may contribute to the lead detected in samples -200 and -23. Methylene chloride was detected in the blank below the CRDL, but was not detected in any samples.

Other Comments:

The cation/anion balance was >5% in samples -22, -21, and -13. Cations were re-analyzed with no significant difference. Hexavalent chromium was detected in sample -15. Numerous volatiles were detected, including several above the MCL in sample-15, -21, and in sample -18. Sample-13 was used as an MS/MSD for volatiles.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32733**

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

Samples Received
05-mar-1997 16:33:46

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-104 (970305333)				Sampled on 03/05/97				
Regulated VOCs plus Lists 1&3								
03/11/97	60589	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/11/97	60589	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	

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Laboratory
Report
#32733

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Carbon Disulfide	3.3	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	103	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	93	% Rec		
MW-971-103 (970305334)				Sampled on 03/05/97				
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/11/97	60589	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	95	% Rec		
			(Surrogate	) Toluene-d8	99	% Rec		
MW-971-200 (970305335) Sampled on 03/05/97								
03/11/97	03/11/97	60476	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
03/11/97	03/11/97	60596	(EPA/ML 200.8	) Lead, Total, ICAP/MS	2.6	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/11/97	60589	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2	) 2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/11/97	60589	(ML/EPA 524.2	) o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2	) Benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) Bromobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(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	97	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-19 (970305336)

Sampled on 03/05/97

03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/11/97	60589	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/11/97	60589	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.2	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/97	60589	(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	93	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-24 (970305337)

Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	130	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	3.29	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	24	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	3.44	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	2.58	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	315	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	180	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	158	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	1.1	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	2.1	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	47	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	2.4	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.4	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	18	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	200	mg/l	10	1

Regulated VOCs plus Lists 1&3

	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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	97	% Rec		

MW-971-15 (970305338)

Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	140	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.69	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	52	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.84	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	20	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.351	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	0.010	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	465	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	150	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	171	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.4	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	18	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	5.7	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	44	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	280	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/10/97	60554	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1-Dichloroethylene	0.9	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2-Dichloroethane	0.8	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/10/97	60554	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/10/97	60554	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/10/97	60554	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/10/97	60554	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/10/97	60554	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/97	60554	(ML/EPA 524.2)	Carbon Tetrachloride	45	ug/l	2.5	5
	03/10/97	60554	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Chloroform (Trichloromethane)	9.9	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/10/97	60554	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.6	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60554	(ML/EPA 524.2)	Trichloroethylene (TCE)	27	ug/l	2.5	5
	03/10/97	60554	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	5.1	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/10/97	60554	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/10/97	60554	(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	96	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

MW-971-23 (970305339) Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	3.91	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	36	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	3.97	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	3.17	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	360	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	950	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	194	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	13	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	24	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	9.3	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.4	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	19	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	220	mg/l	10	1

Regulated VOCs plus Lists 1&3

	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	2-Methyl-1-propene	1.5	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

W-971-18 (970305340) Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	170	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	6.20	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	68	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	6.22	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	36	mg/l	2.0	2

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97		(ML/S2320-B)	Carbonate as CO ₃ , Calculated	0.135	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	605	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ ,calculated	207	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	24	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	18	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	5.8	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	7.0	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	66	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	350	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32733**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.2	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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	101	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

MW-971-22 (970305341)

Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.00	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	42	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.45	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	3.17	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	400	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	490	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	194	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.3	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	13	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.4	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	22	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	0.18	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	230	mg/l	10	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
Regulated VOCs plus Lists 1&3								
03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1	

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-21 (970305342) Sampled on 03/05/97								
	03/10/97	60484	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.33	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	47	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.78	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	13	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO ₃ , Calculated	1.27	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	445	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	380	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ ,calculated	195	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.9	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	22	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	0.7	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	34	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	1.7	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.0	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-971-20 (970305343) Sampled on 03/05/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	190	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	5.08	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	52	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	5.33	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	16	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.19	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	490	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	190	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	231	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	3.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	19	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	25	mg/l	1.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	0.5	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	7.9	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	38	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	0.25	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C)	Total Dissolved Solids	280	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 4-Bromofluorobenzene	98	% Rec		
			(Surrogate	) Toluene-d8	95	% Rec		
MW-971-13 (970305344) Sampled on 03/05/97								
	03/10/97	60484	(ML/S2320B	) Alkalinity	130	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	3.53	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B	) Calcium, Flame AA	43	mg/l	1.0	1
	03/14/97		(ML/SM1040	) Cation Sum	3.99	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300	) Chloride	8.1	mg/l	1.0	1
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	0.082	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B	) Specific Conductance	365	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8	) Iron, Total, ICAP/MS	280	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	159	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B	) Potassium, Flame AA	2.9	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B	) Magnesium, Flame AA	14	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B	) Sodium, Flame AA	14	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0	) Nitrate-N by IC	1.6	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B	) Lab pH	6.9	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300	) Sulfate	28	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	03/07/97	60317	(ML/S2540C	) Total Dissolved Solids	220	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/11/97	60589	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2	) 1,2,3-Trichloropropane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32733**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/11/97	60589	(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	96	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-971-13 MS (970305345)

Sampled on 03/05/97

Regulated VOCs plus Lists 1&3

03/11/97	60589	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethylene	4.90	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.74	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1

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**Laboratory
Report
#32733**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.43	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	4.55	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Benzene	4.87	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	4.86	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.03	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.72	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	4.87	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-971-13 MSD (970305346)

Sampled on 03/05/97

Regulated VOCs plus Lists 1&3

03/11/97	60589	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloroethylene	5.01	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.68	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
03/11/97	60589	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.52	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	03/11/97	60589	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Chlorotoluene	4.49	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Benzene	5.09	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorobenzene	5.07	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.20	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/11/97	60589	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60589	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.92	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Toluene	4.98	ug/l	0.50	1
	03/11/97	60589	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Report
Comments
#32733

Group Comments

(Lead) There was a trace hit in the prep blank for lead. The amount found is less than half the reporting limit.

(Balance) Regarding sample MW-971-22, MW-971-21, MW-971-13: The percent difference between the anion and cation is more than %5. The conductivity result supports the anion results. The cations were re-analyzed and obtained values close to the original results. The out of control percent difference is most likely caused by some other factors.

Report Summary of positive results, PR32733

		Result	MDL	UNITS
Analyzed	970305333 MW-971-104			
03/11/97	Data Entry	03/13/97		--
Analyzed	970305334 MW-971-103			
03/11/97	Data Entry	03/14/97		--
Analyzed	970305335 MW-971-200			
03/11/97	Data Entry	03/14/97		--
03/11/97	Lead, Total, ICAP/MS	2.6	2.000	UGL
Analyzed	970305336 MW-971-19			
03/11/97	Chloroform (Trichloromethane)	0.6	.500	UGL
03/11/97	Data Entry	03/14/97		--
03/11/97	Trichloroethylene (TCE)	5.2	.500	UGL
Analyzed	970305337 MW-971-24			
03/12/97	Data Entry	03/19/97		--
03/10/97	Alkalinity	130	2.000	MGL
03/12/97	Anion Sum	3.29	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	158	.001	MGL
03/13/97	Calcium, Flame AA	24	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	2.58	.001	MGL
03/14/97	Cation Sum	3.44	.001	MEQL
03/07/97	Chloride	11	1.000	MGL
03/11/97	Iron, Total, ICAP/MS	180	*****	UGL
03/07/97	Lab pH	8.4	.001	UNIT
03/11/97	Lead, Total, ICAP/MS	2.4	2.000	UGL
03/13/97	Magnesium, Flame AA	2.1	1.000	MGL
03/13/97	Potassium, Flame AA	1.1	1.000	MGL
03/13/97	Sodium, Flame AA	47	1.000	MGL
03/10/97	Specific Conductance	315	4.000	UMHO
03/07/97	Sulfate	18	2.000	MGL
03/07/97	Total Dissolved Solids	200	10.000	MGL
Analyzed	970305338 MW-971-15			
03/10/97	1,1-Dichloroethylene	0.9	.500	UGL
03/10/97	1,2-Dichloroethane	0.8	.500	UGL
03/11/97	Carbon Tetrachloride	45	2.500	UGL
03/10/97	Chloroform (Trichloromethane)	9.9	.500	UGL
03/10/97	Data Entry	03/14/97		--
03/10/97	Tetrachloroethylene (PCE)	0.6	.500	UGL
03/11/97	Trichloroethylene (TCE)	27	2.500	UGL
03/10/97	Trichlorotrifluoroethane (Freon)	5.1	.500	UGL
03/10/97	Alkalinity	140	2.000	MGL
03/12/97	Anion Sum	4.69	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	171	.001	MGL
03/13/97	Calcium, Flame AA	52	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.351	.001	MGL
03/14/97	Cation Sum	4.84	.001	MEQL
03/07/97	Chloride	20	2.000	MGL

03/06/97	Hexavalent chromium	0.010	.005	MGL
03/11/97	Iron, Total, ICAP/MS	150	*****	UGL
03/07/97	Lab pH	7.5	.001	UNIT
03/13/97	Magnesium, Flame AA	17	1.000	MGL
03/07/97	Nitrate-N by IC	5.7	.200	MGL
03/13/97	Potassium, Flame AA	2.4	1.000	MGL
03/13/97	Sodium, Flame AA	18	1.000	MGL
03/10/97	Specific Conductance	465	4.000	UMHO
03/07/97	Sulfate	44	4.000	MGL
03/07/97	Total Dissolved Solids	280	10.000	MGL

Analyzed 970305339 MW-971-23

03/12/97	Data Entry	03/19/97	--
03/10/97	Alkalinity	160	2.000 MGL
03/12/97	Anion Sum	3.91	.001 MEQL
03/12/97	Bicarbonate as HCO3,calculated	194	.001 MGL
03/13/97	Calcium, Flame AA	36	1.000 MGL
03/12/97	Carbonate as CO3, Calculated	3.17	.001 MGL
03/14/97	Cation Sum	3.97	.001 MEQL
03/07/97	Chloride	11	1.000 MGL
03/11/97	Iron, Total, ICAP/MS	950	***** UGL
03/07/97	Lab pH	8.4	.001 UNIT
03/11/97	Lead, Total, ICAP/MS	9.3	2.000 UGL
03/13/97	Magnesium, Flame AA	13	1.000 MGL
03/13/97	Potassium, Flame AA	2.2	1.000 MGL
03/13/97	Sodium, Flame AA	24	1.000 MGL
03/10/97	Specific Conductance	360	4.000 UMHO
03/07/97	Sulfate	19	2.000 MGL
03/07/97	Total Dissolved Solids	220	10.000 MGL

Analyzed 970305340 MW-971-18

03/12/97	Chloroform (Trichloromethane)	0.6	.500	UGL
03/12/97	Data Entry	03/19/97	--	
03/12/97	Trichloroethylene (TCE)	5.2	.500	UGL
03/10/97	Alkalinity	170	2.000	MGL
03/12/97	Anion Sum	6.20	.001	MEQL
03/12/97	Bicarbonate as HCO3,calculated	207	.001	MGL
03/13/97	Calcium, Flame AA	68	1.000	MGL
03/12/97	Carbonate as CO3, Calculated	0.135	.001	MGL
03/14/97	Cation Sum	6.22	.001	MEQL
03/07/97	Chloride	36	2.000	MGL
03/07/97	Lab pH	7.0	.001	UNIT
03/13/97	Magnesium, Flame AA	24	1.000	MGL
03/07/97	Nitrate-N by IC	5.8	.200	MGL
03/13/97	Potassium, Flame AA	2.5	1.000	MGL
03/13/97	Sodium, Flame AA	18	1.000	MGL
03/10/97	Specific Conductance	605	4.000	UMHO
03/07/97	Sulfate	66	4.000	MGL
03/07/97	Total Dissolved Solids	350	10.000	MGL

Analyzed 970305341 MW-971-22

03/12/97	Chloroform (Trichloromethane)	1.1	.500	UGL
03/12/97	Data Entry	03/19/97	--	
03/10/97	Alkalinity	160	2.000	MGL
03/12/97	Anion Sum	4.00	.001	MEQL
03/12/97	Bicarbonate as HCO3,calculated	194	.001	MGL
03/13/97	Calcium, Flame AA	42	1.000	MGL

03/12/97	Carbonate as CO ₃ , Calculated	3.17	.001	MGL
03/14/97	Cation Sum	4.45	.001	MEQL
03/07/97	Chloride	12	1.000	MGL
03/11/97	Iron, Total, ICAP/MS	490	*****	UGL
03/07/97	Lab pH	8.4	.001	UNIT
03/13/97	Magnesium, Flame AA	13	1.000	MGL
03/13/97	Potassium, Flame AA	2.3	1.000	MGL
03/13/97	Sodium, Flame AA	28	1.000	MGL
03/10/97	Specific Conductance	400	4.000	UMHO
03/07/97	Sulfate	22	2.000	MGL
03/07/97	Total Dissolved Solids	230	10.000	MGL
03/17/97	Total phosphorus-P	0.18	.050	MGL

Analyzed 970305342 MW-971-21

03/12/97	Carbon Tetrachloride	1.7	.500	UGL
03/12/97	Chloroform (Trichloromethane)	1.0	.500	UGL
03/12/97	Data Entry	03/19/97		--
03/10/97	Alkalinity	160	2.000	MGL
03/12/97	Anion Sum	4.33	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	195	.001	MGL
03/13/97	Calcium, Flame AA	47	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	1.27	.001	MGL
03/14/97	Cation Sum	4.78	.001	MEQL
03/07/97	Chloride	13	2.000	MGL
03/11/97	Iron, Total, ICAP/MS	380	*****	UGL
03/07/97	Lab pH	8.0	.001	UNIT
03/13/97	Magnesium, Flame AA	17	1.000	MGL
03/07/97	Nitrate-N by IC	0.7	.200	MGL
03/13/97	Potassium, Flame AA	2.9	1.000	MGL
03/13/97	Sodium, Flame AA	22	1.000	MGL
03/10/97	Specific Conductance	445	4.000	UMHO
03/07/97	Sulfate	34	4.000	MGL
03/07/97	Total Dissolved Solids	270	10.000	MGL

Analyzed 970305343 MW-971-20

03/12/97	Data Entry	03/19/97		--
03/10/97	Alkalinity	190	2.000	MGL
03/12/97	Anion Sum	5.08	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	231	.001	MGL
03/13/97	Calcium, Flame AA	52	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	1.19	.001	MGL
03/14/97	Cation Sum	5.33	.001	MEQL
03/07/97	Chloride	16	2.000	MGL
03/11/97	Iron, Total, ICAP/MS	190	*****	UGL
03/07/97	Lab pH	7.9	.001	UNIT
03/13/97	Magnesium, Flame AA	19	1.000	MGL
03/07/97	Nitrate-N by IC	0.5	.200	MGL
03/13/97	Potassium, Flame AA	3.2	1.000	MGL
03/13/97	Sodium, Flame AA	25	1.000	MGL
03/10/97	Specific Conductance	490	4.000	UMHO
03/07/97	Sulfate	38	4.000	MGL
03/07/97	Total Dissolved Solids	280	10.000	MGL
03/17/97	Total phosphorus-P	0.25	.050	MGL

Analyzed 970305344 MW-971-13

03/11/97	Data Entry	03/14/97		--
03/10/97	Alkalinity	130	2.000	MGL

03/12/97	Anion Sum	3.53	.001	MEQL
03/12/97	Bicarbonate as HCO ₃ ,calculated	159	.001	MGL
03/13/97	Calcium, Flame AA	43	1.000	MGL
03/12/97	Carbonate as CO ₃ , Calculated	0.082	.001	MGL
03/14/97	Cation Sum	3.99	.001	MEQL
03/07/97	Chloride	8.1	1.000	MGL
03/11/97	Iron, Total, ICAP/MS	280	*****	UGL
03/07/97	Lab pH	6.9	.001	UNIT
03/13/97	Magnesium, Flame AA	14	1.000	MGL
03/07/97	Nitrate-N by IC	1.6	.100	MGL
03/13/97	Potassium, Flame AA	2.9	1.000	MGL
03/13/97	Sodium, Flame AA	14	1.000	MGL
03/10/97	Specific Conductance	365	4.000	UMHO
03/07/97	Sulfate	28	2.000	MGL
03/07/97	Total Dissolved Solids	220	10.000	MGL

Analyzed 970305345 MW-971-13 MS

03/11/97	1,1-Dichloroethylene	4.90	.500	UGL
03/11/97	1,2,4-Trichlorobenzene	4.74	.500	UGL
03/11/97	Benzene	4.87	.500	UGL
03/11/97	Chlorobenzene	4.86	.500	UGL
03/11/97	Chloroform (Trichloromethane)	5.03	.500	UGL
03/11/97	Data Entry	03/14/97	--	--
03/11/97	Toluene	4.87	.500	UGL
03/11/97	Trichloroethylene (TCE)	4.72	.500	UGL
03/11/97	p-Chlorotoluene	4.55	.500	UGL
03/11/97	p-Dichlorobenzene (1,4-DCB)	4.43	.500	UGL

Analyzed 970305346 MW-971-13 MSD

03/11/97	1,1-Dichloroethylene	5.01	.500	UGL
03/11/97	1,2,4-Trichlorobenzene	4.68	.500	UGL
03/11/97	Benzene	5.09	.500	UGL
03/11/97	Chlorobenzene	5.07	.500	UGL
03/11/97	Chloroform (Trichloromethane)	5.20	.500	UGL
03/11/97	Data Entry	03/14/97	--	--
03/11/97	Toluene	4.98	.500	UGL
03/11/97	Trichloroethylene (TCE)	4.92	.500	UGL
03/11/97	p-Chlorotoluene	4.49	.500	UGL
03/11/97	p-Dichlorobenzene (1,4-DCB)	4.52	.500	UGL

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QC Report
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Foster Wheeler Environmental, Inc

QC Batch #60289**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0455	91.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0462	92.4	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0455	91.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0449	89.8	(80.00 - 120.00)	1.3

QC Batch #60317**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	0.00
MBLK	Total Dissolved Solids	ND				

QC Batch #60335**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.9	99.6	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	1.2
MBLK	Chloride	ND				
MS	Chloride	25	26.5	106.0	(80.00 - 120.00)	
MSD	Chloride	25	26.4	105.6	(80.00 - 120.00)	0.38

QC Batch #60336**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.49	99.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.51	100.4	(90.00 - 110.00)	0.80
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.59	103.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	0.39

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QC Batch #60337**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sulfate	50	50.5	101.0	(90.00 - 110.00)	2.2
MBLK	Sulfate	ND				
MS	Sulfate	50	54.0	108.0	(70.00 - 130.00)	
MSD	Sulfate	50	52.8	105.6	(70.00 - 130.00)	2.2

QC Batch #60470**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	98.0	98.0	(85.00 - 115.00)	5.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	99.4	99.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101.	101.0	(70.00 - 130.00)	1.6

QC Batch #60472**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	530	106.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	507	101.4	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	525.	105.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	530.	106.0	(70.00 - 130.00)	0.95

QC Batch #60476**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0200	100.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	7.7
MBLK	Arsenic, Total, GF	ND				

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MS	Arsenic, Total, GF	0.020	0.0208	104.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	1.9

QC Batch #60484**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	0.00
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	105	109.1	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.1	100.9	(80.00 - 120.00)	7.8

QC Batch #60523**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19	95.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	1.6
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	19.7	98.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	1.0

QC Batch #60525**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	52.5	105.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	2.7
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	52	104.0	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	53.4	106.8	(80.00 - 120.00)	2.7

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Foster Wheeler Environmental, Inc
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QC Batch #60554**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	4.43	110.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.52	113.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.45	111.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.54	113.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.71	117.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.48	112.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.40	110.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.45	105.6	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.68	117.0	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.30	107.5	(70.00 - 130.00)	

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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.21	105.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.62	115.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.66	116.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.40	110.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.40	110.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.47	111.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND	<u>0.4</u>		
LCS1	Ethyl benzene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	1.87	93.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.59	89.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.68	117.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.78	119.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.71	117.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.55	113.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	3.84	96.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.64	82.0	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.40	110.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.71	121.4	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.39	109.7	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.77	119.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.38	109.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.51	112.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60556**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	49	98.0	(90.00 - 110.00)	0.20
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	45.1	90.2	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	48.9	97.8	(80.00 - 120.00)	8.1

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60559**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	0.00
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.1	100.5	(80.00 - 120.00)	2.0

QC Batch #60589**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	4.60	115.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.38	109.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.54	113.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.44	111.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.41	110.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.53	113.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.68	108.5	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.70	117.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.44	111.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.56	114.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.71	117.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.97	124.2	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.56	114.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.48	112.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.30	107.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	5.03	125.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	1.93	96.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.50	87.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.96	124.0	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Styrene	ND				
LCS1	Tetrachloroethylene (PCE)	4	5.06	126.5	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	Toluene	4	4.86	121.5	(70.00 - 130.00)	
MBLK	Toluene	ND				
LCS1	Trichloroethylene (TCE)	4	4.71	117.8	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
LCS1	Trichlorotrifluoroethane (Freon)	4	3.86	96.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
LCS1	Vinyl chloride (VC)	2	1.64	82.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.43	110.8	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	m,p-Xylenes	8	10.4	130.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
MBLK	o-Chlorotoluene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.46	111.5	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	o-Xylene	4	5.08	127.0	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
MBLK	p-Chlorotoluene	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.48	112.0	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	trans-1,2-Dichloroethylene	4	4.49	112.2	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	trans-1,3-Dichloropropene	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #60596**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.2	101.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	3.0
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20	17.3	86.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.1	100.5	(70.00 - 130.00)	15

QC Batch #60661**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.408	81.6	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.417	83.4	(80.00 - 120.00)	2.2
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.461	115.3	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.456	114.0	(70.00 - 130.00)	1.1

QC Batch #60701**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	4.70	117.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.49	112.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				

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

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

MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.44	111.0	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.64	116.0	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.49	112.2	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.63	107.9	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.74	118.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.62	115.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.69	117.3	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.87	121.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	5.00	125.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.59	114.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.44	111.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Ethyl benzene	4	5.09	127.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.09	104.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.87	96.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	5.04	126.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	5.15	128.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.83	120.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	3.94	98.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.79	89.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.53	113.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	10.4	130.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.44	111.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.14	128.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.46	111.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			

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

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Foster Wheeler Environmental, Inc
(continued)

MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Laboratory Report

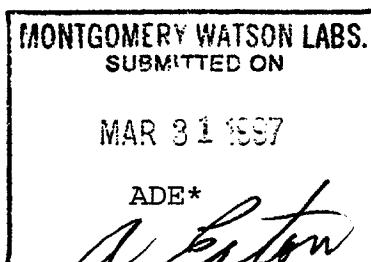
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32777
JPL



MONTGOMERY WATSON LABORATORIES

March 31, 1997

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

Attention: Mark Cutler

Re: Report # 32777 (MW-971-106, 105, 06, 05, 04, 03, 04MS, 04MSD)

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):

All volatile samples were analyzed within holding times with acceptable surrogate and IS recoveries.

Samples requiring dilution (with increased MRL's):

Sample-03 was diluted for analysis of anions. Sample-15 was diluted for analysis of several volatiles. This sample was also analyzed neat.

Method blanks with compounds detected:

Lead was detected above the MDL but below the CRDL in the method blank. Lead was not detected in any samples in this set.

Other Comments:

The cation/anion balance was >5% in samples -06 and -03. Cations were re-analyzed with no significant difference. Several volatiles were detected as TICs in several samples. Sample-04 was used as an MS/MSD for volatiles.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32777**

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

Samples Received
06-mar-1997 16:48:01

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-106 (970306176)				Sampled on 03/06/97				
Regulated VOCs plus Lists 1&3								
03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1	
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1	
03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1	
03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1	
03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1	

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 #32777**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	100	% Rec		
MW-971-105 (970306177)				Sampled on 03/06/97				
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	101	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	98	% Rec		
			(Surrogate	) Toluene-d8	97	% Rec		
MW-971-06 (970306178) Sampled on 03/06/97								
	03/10/97	60484	(ML/S2320B	) Alkalinity	120	mg/l	2.0	1
	03/12/97		(ML/SM1040	) Anion Sum	2.83	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B	) Calcium, Flame AA	4.9	mg/l	1.0	1
	03/14/97		(ML/SM1040	) Cation Sum	3.23	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300	) Chloride	9.8	mg/l	1.0	1
	03/12/97		(ML/S2320-B	) Carbonate as CO3, Calculated	14.4	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B	) Specific Conductance	320	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8	) Iron, Total, ICAP/MS	190	ug/l	100	1
	03/12/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	140	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B	) Potassium, Flame AA	1.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B	) Magnesium, Flame AA	ND	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B	) Sodium, Flame AA	68	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0	) Nitrate-N by IC	ND	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B	) Lab pH	9.2	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300	) Sulfate	7.6	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C	) Total Dissolved Solids	190	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/97	60701	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Carbon disulfide	1.5	ug/L		1
			(EPA 524.2)	Sulfur dioxide	2.7	ug/L		1
			(EPA 524.2)	Unknown(RT=2.51)	1.3	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-971-05 (970306179)

Sampled on 03/06/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	150	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	3.66	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	17	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	3.79	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	10	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	5.90	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	350	umho/cm	4.0	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	830	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	181	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	9.1	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	49	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	0.4	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.7	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	17	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	190	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Hexane	1.0	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		
MW-971-04 (970306180) Sampled on 03/06/97								
	03/10/97	60484	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	3.62	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	21	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	3.78	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	29	mg/l	1.0	1
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	7.38	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	365	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	170	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	143	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	3.2	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	11	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	40	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	0.1	mg/l	0.10	1
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	8.9	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	19	mg/l	2.0	1
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	210	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1

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	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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	98	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-03 (970306181)**Sampled on 03/06/97**

	03/10/97	60484	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	03/12/97		(ML/SM1040)	Anion Sum	4.31	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	51	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.84	meq/l	0.0010	1
	03/07/97	60335	(ML/EPA 300)	Chloride	12	mg/l	2.0	2
	03/12/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.318	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/06/97	60289	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	445	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	510	ug/l	100	1
	03/12/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	195	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.6	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	19	mg/l	1.0	1
	03/07/97	60336	(ML/EPA 300.0)	Nitrate-N by IC	0.9	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/07/97		(ML/S4500H-B)	Lab pH	7.4	Units	0.0010	1
	03/07/97	60337	(ML/EPA 300)	Sulfate	34	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	3.7	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	0.7	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Carbon disulfide	8.0	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	88	% Rec		

MW-971-04 MS (970306182)

Sampled on 03/06/97

Regulated VOCs plus Lists 1&3

03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	5.12	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.84	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.55	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	4.56	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	Benzene	5.04	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	4.93	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.34	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.41	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	5.05	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-04 MSD (970306183)

Sampled on 03/06/97

Regulated VOCs plus Lists 1&3

03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	4.74	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.10	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.31	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	NA	ug/l	1.0	1
03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	4.24	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	Benzene	4.76	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	4.78	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.76	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.03	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	4.81	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	110	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	94	% Rec		
			(Surrogate	) Toluene-d8	97	% Rec		



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Group Comments

(Lead) There was a trace hit in the prep blank for lead. The amount found is less than half the reporting limit.

(Balance) Regarding samples MW-971-06, MW-971-03:
The percent difference between the anion and cation is more than %5. The conductivity result supports the anion results. The cations were re-analyzed and obtained values close to the original results. The out of control percent difference is most likely caused by some other factors.

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QC Batch #60289**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0455	91.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0462	92.4	(78.00 - 118.00)	1.5
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0455	91.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0449	89.8	(80.00 - 120.00)	1.3

QC Batch #60335**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.9	99.6	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	1.2
MBLK	Chloride	ND				
MS	Chloride	25	26.5	106.0	(80.00 - 120.00)	
MSD	Chloride	25	26.4	105.6	(80.00 - 120.00)	0.38

QC Batch #60336**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.49	99.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.51	100.4	(90.00 - 110.00)	0.80
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.59	103.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	0.39

QC Batch #60337**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sulfate	50	50.5	101.0	(90.00 - 110.00)	2.2
MBLK	Sulfate	ND				
MS	Sulfate	50	54.0	108.0	(70.00 - 130.00)	
MSD	Sulfate	50	52.8	105.6	(70.00 - 130.00)	2.2

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QC Batch #60470**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	98.0	98.0	(85.00 - 115.00)	5.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	99.4	99.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101.	101.0	(70.00 - 130.00)	1.6

QC Batch #60472**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	530	106.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	507	101.4	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	525.	105.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	530.	106.0	(70.00 - 130.00)	0.95

QC Batch #60476**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0200	100.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	7.7
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0208	104.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	1.9

QC Batch #60484**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	0.00
MBLK	Alkalinity	ND				

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MS	Alkalinity	96.2	105	109.1	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.1	100.9	(80.00 - 120.00)	7.8

QC Batch #60523**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19	95.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	1.6
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	19.7	98.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	1.0

QC Batch #60525**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	52.5	105.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	2.7
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	52	104.0	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	53.4	106.8	(80.00 - 120.00)	2.7

QC Batch #60536**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60556**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	49	98.0	(90.00 - 110.00)	0.20
MBLK	Calcium, Flame AA	ND				

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MS	Calcium, Flame AA	50	45.1	90.2	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	48.9	97.8	(80.00 - 120.00)	8.1

QC Batch #60559**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	0.00
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.1	100.5	(80.00 - 120.00)	2.0

QC Batch #60596**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.2	101.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	3.0
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20	17.3	86.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.1	100.5	(70.00 - 130.00)	15

QC Batch #60661**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.408	81.6	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.417	83.4	(80.00 - 120.00)	2.2
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	.461	115.3	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.456	114.0	(70.00 - 130.00)	1.1

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QC Batch #60701**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	4.70	117.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.49	112.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.44	111.0	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.49	112.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.63	107.9	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.74	118.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.62	115.5	(70.00 - 130.00)	

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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.69	117.3	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.87	121.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	5.00	125.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.59	114.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.44	111.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	5.09	127.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.09	104.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.87	96.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	5.04	126.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	5.15	128.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.83	120.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	3.94	98.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.79	89.5	(70.00 - 130.00)

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.53	113.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	10.4	130.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.44	111.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.14	128.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.46	111.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #60703**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	4.98	124.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.71	117.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.39	109.7	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.92	123.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	5.00	125.0	(70.00 - 130.00)	

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

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Foster Wheeler Environmental, Inc
(continued)

MBLK	1,1-Dichloroethylene	ND			
MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.64	116.0	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.67	116.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.71	117.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.62	107.7	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.95	123.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.70	117.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.51	112.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	5.17	129.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.65	116.3	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.86	121.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Dichlorodifluoromethane	ND				
LCS1	Dichloromethane	4	4.68	117.0	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	4	5.10	127.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
LCS1	Fluorotrichloromethane (Freon1)	2	2.24	112.0	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane (Freon1)	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.64	91.0	(70.00 - 130.00)	
MBLK	Methyl Tert-butyl ether (MTBE)	ND				
MBLK	Naphthalene	ND				
LCS1	Styrene	4	4.90	122.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	Tetrachloroethylene (PCE)	4	5.16	129.0	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
LCS1	Toluene	4	4.96	124.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
LCS1	Trichloroethylene (TCE)	4	4.90	122.5	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
LCS1	Trichlorotrifluoroethane (Freon)	4	4.24	106.0	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane (Freon)	ND				
LCS1	Vinyl chloride (VC)	2	1.98	99.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				
LCS1	cis-1,2-Dichloroethylene	4	4.65	116.3	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	m,p-Xylenes	8	10.3	128.8	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
MBLK	o-Chlorotoluene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.63	115.8	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	o-Xylene	4	5.06	126.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
MBLK	p-Chlorotoluene	ND				

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Foster Wheeler Environmental, Inc
(continued)

LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.58	114.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.76	119.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Laboratory Report

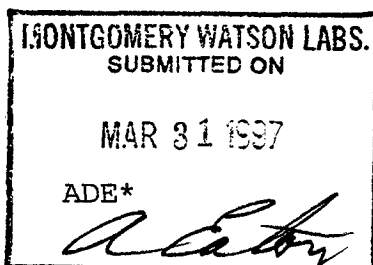
for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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



Report#: 32824
JPL



MONTGOMERY WATSON LABORATORIES

March 31, 1997

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

Attention: Mark Cutler

Re: Report # 32824 (MW-971-108, 107, 02, 16, 17, 01, 38, 31, 32)

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):

All volatile samples were analyzed within holding times with acceptable surrogate and IS recoveries. Nitrate was analyzed past holding time in sample 02, 16, 17, 01, 38, 31 due to autosampler failure (QIR MET-97-11). Because ion balances were all acceptable it is assumed that there was minimal impact from this.

Samples requiring dilution (with increased MRL's):

Sample-16, -17, -01, -38, and -31 were diluted for analysis of anions. Sample-15 was diluted for analysis of several volatiles. This sample was also analyzed neat.

Method blanks with compounds detected:

Lead was detected above the MDL but below the CRDL in the method blank. Lead was not detected in any samples in this set.

Other Comments:

Several volatiles were detected as TICs and as target analytes in several samples. Carbon tetrachloride was detected above the MCL in sample 31, 32, and 16. TCE was also above the MCL in sample 31 and 32. Chromium and hexavalent chromium were detected in sample -31 and -32. Tributyl tin was analyzed by TOXSCAN.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

cc: Judy Novelly (JPL)

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**Laboratory
Report
#32824**

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

Samples Received
07-mar-1997 17:19:31

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-971-108 (970307446) Sampled on 03/07/97								
Regulated VOCs plus Lists 1&3								
03/12/97	60701		(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/97	60701		(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/12/97	60701		(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/12/97	60701		(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
03/12/97	60701		(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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**Laboratory
Report
#32824**

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/12/97	60701	(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	99	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		

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**Laboratory
 Report
 #32824**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	98	% Rec		
MW-971-107 (970307447)				Sampled on 03/07/97				
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/12/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
03/11/97	03/12/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
Regulated VOCs plus Lists 1&3								
	03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Laboratory
Report
#32824

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1

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**Laboratory
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 #32824**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) 1,2-Dichloroethane-d4	100	% Rec		
			(Surrogate	) 4-Bromofluorobenzene	98	% Rec		
			(Surrogate	) Toluene-d8	94	% Rec		
MW-971-02 (970307448) Sampled on 03/07/97								
	03/10/97	60484	(ML/S2320B	) Alkalinity	170	mg/l	2.0	1
	03/20/97		(ML/SM1040	) Anion Sum	4.46	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9	) Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B	) Calcium, Flame AA	48	mg/l	1.0	1
	03/14/97		(ML/SM1040	) Cation Sum	4.57	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300	) Chloride	7.4	mg/l	2.0	2
	03/14/97		(ML/S2320-B	) Carbonate as CO3, Calculated	0.536	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8	) Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196	) Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B	) Specific Conductance	425	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8	) Iron, Total, ICAP/MS	1700	ug/l	100	1
	03/14/97		(ML/S2320B	) Bicarbonate as HCO3,calculated	207	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B	) Potassium, Flame AA	2.7	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B	) Magnesium, Flame AA	16	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B	) Sodium, Flame AA	18	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0	) Nitrate-N by IC	0.8	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8	) Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B	) Lab pH	7.6	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300	) Sulfate	38	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2	) Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C	) Total Dissolved Solids	240	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/13/97	60703	(ML/EPA 524.2	) 1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,1-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2	) 1,2,3-Trichlorobenzene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Carbon Disulfide	2.6	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		

MW-971-16 (970307449) Sampled on 03/07/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	140	mg/l	2.0	1
	03/20/97		(ML/SM1040)	Anion Sum	4.26	meq/l	0.0010	1
03/11/97	03/11/97	60476	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	47	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.43	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300)	Chloride	15	mg/l	2.0	2
	03/14/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.279	mg/l	0.0010	1
	03/11/97	60470	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	425	umho/cm	4.0	1
	03/11/97	60472	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/14/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	171	mg/l	0.0010	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	2.6	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	16	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	16	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0)	Nitrate-N by IC	2.8	mg/l	0.20	2
03/11/97	03/11/97	60596	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B)	Lab pH	7.4	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300)	Sulfate	40	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	230	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/12/97	60701	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/12/97	60701	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/12/97	60701	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
03/12/97	60701	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Carbon Tetrachloride	1.5	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	1.1	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/12/97	60701	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.5	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/12/97	60701	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1

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Laboratory
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Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/12/97	60701	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Carbon disulfide	1.9	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	93	% Rec		
MW-971-17 (970307450) Sampled on 03/07/97								
	03/10/97	60484	(ML/S2320B)	Alkalinity	210	mg/l	2.0	1
	03/20/97		(ML/SM1040)	Anion Sum	4.99	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	56	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	5.37	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300)	Chloride	6.9	mg/l	2.0	2
	03/14/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.418	mg/l	0.0010	1
	03/12/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	500	umho/cm	4.0	1
	03/12/97	60473	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/14/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	256	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	3.6	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	18	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	23	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0)	Nitrate-N by IC	1.3	mg/l	0.20	2
03/11/97	03/12/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B)	Lab pH	7.4	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300)	Sulfate	24	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	300	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	113	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

MW-971-01 (970307451) Sampled on 03/07/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	180	mg/l	2.0	1
	03/20/97		(ML/SM1040)	Anion Sum	4.80	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	48	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	5.01	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300)	Chloride	13	mg/l	2.0	2
	03/14/97		(ML/S2320-B)	Carbonate as CO3, Calculated	1.13	mg/l	0.0010	1
	03/14/97	60632	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	465	umho/cm	4.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/14/97	60636	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/14/97		(ML/S2320B)	Bicarbonate as HCO ₃ ,calculated	219	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	4.5	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	16	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	27	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0)	Nitrate-N by IC	1.4	mg/l	0.20	2
03/11/97	03/14/97	60642	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B)	Lab pH	7.9	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300)	Sulfate	35	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1

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**Laboratory
 Report
 #32824**

Foster Wheeler Environmental, Inc
 (continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(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	96	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-38 (970307452) Sampled on 03/07/97

	03/10/97	60484	(ML/S2320B)	Alkalinity	170	mg/l	2.0	1
	03/20/97		(ML/SM1040)	Anion Sum	4.62	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/13/97	60556	(ML/S3111B)	Calcium, Flame AA	51	mg/l	1.0	1
	03/14/97		(ML/SM1040)	Cation Sum	4.98	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300)	Chloride	9.9	mg/l	2.0	2
	03/14/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.425	mg/l	0.0010	1
	03/14/97	60632	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	03/10/97		(ML/S2510B)	Specific Conductance	460	umho/cm	4.0	1
	03/14/97	60636	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/14/97		(ML/S2320B)	Bicarbonate as HCO3,calculated	207	mg/l	0.0010	1
	03/13/97	60523	(ML/S3111B)	Potassium, Flame AA	3.0	mg/l	1.0	1
	03/13/97	60559	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	03/13/97	60525	(ML/S3111B)	Sodium, Flame AA	22	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0)	Nitrate-N by IC	3.0	mg/l	0.20	2
03/11/97	03/14/97	60642	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300)	Sulfate	35	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1

Regulated VOCs plus Lists 1&3

	03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(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	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-971-31 (970307453)

Sampled on 03/07/97

	03/18/97	60691	(ML/S2320B)	Alkalinity	130	mg/l	2.0	1
	03/20/97		(ML/SM1040)	Anion Sum	5.20	meq/l	0.0010	1
03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/17/97	60653	(ML/S3111B)	Calcium, Flame AA	54	mg/l	1.0	1
	03/20/97		(ML/SM1040)	Cation Sum	5.25	meq/l	0.0010	1
	03/11/97	60540	(ML/EPA 300)	Chloride	25	mg/l	2.0	2
	03/20/97		(ML/S2320-B)	Carbonate as CO3, Calculated	0.325	mg/l	0.0010	1
	03/11/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	32	ug/l	10	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	0.035	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ng/l	2.0	1
	03/10/97		(ML/S2510B)	Specific Conductance	520	umho/cm	4.0	1
	03/11/97	60473	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	03/20/97		(ML/S2320B)	Bicarbonate as HCO ₃ , calculated	158	mg/l	0.0010	1
	03/13/97	60524	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	03/13/97	60547	(ML/S3111B)	Magnesium, Flame AA	18	mg/l	1.0	1
	03/13/97	60535	(ML/S3111B)	Sodium, Flame AA	23	mg/l	1.0	1
	03/11/97	60551	(ML/EPA 300.0)	Nitrate-N by IC	9.6	mg/l	0.20	2
03/11/97	03/11/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	03/12/97		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	03/11/97	60550	(ML/EPA 300)	Sulfate	58	mg/l	4.0	2
	03/17/97	60661	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	03/11/97	60536	(ML/S2540C)	Total Dissolved Solids	310	mg/l	10	1

Regulated VOCs plus Lists 1&3

03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	1.1	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	0.9	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	18	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	9.2	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/14/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	28	ug/l	1.0	2
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-971-32 (970307454)

Sampled on 03/07/97

03/11/97	03/13/97	60567	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	03/11/97	60471	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	32	ug/l	10	1
	03/07/97	60290	(ML/SW 7196)	Hexavalent chromium	0.035	mg/l	0.005	1
	03/14/97		()	GC Custom Analysis	ND	ng/l	2.0	1
03/11/97	03/11/97	60597	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

03/13/97	60703	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloroethylene	1.0	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloroethane	0.9	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
03/13/97	60703	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	03/13/97	60703	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Carbon Tetrachloride	18	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroform (Trichloromethane)	9.4	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chloromethane (Methyl Chloride)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Fluorotrichloromethane (Freon1)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	03/13/97	60703	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	03/13/97	60703	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	03/14/97	60703	(ML/EPA 524.2)	Trichloroethylene (TCE)	29	ug/l	1.0	2
	03/13/97	60703	(ML/EPA 524.2)	Trichlorotrifluoroethane (Freon	0.6	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	03/13/97	60703	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	03/13/97	60703	(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	.97	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		



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Group Comments

Tributyl tin (CUSTOMGC) analyzed by TOXSCAN.
(Lead) Trace amount of Lead was found in the prep blank. No
action was taken since the contamination was less than half
the reporting limit.

(970307448)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

(970307449)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

(970307450)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

(970307451)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

(970307452)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

(970307453)

NO3

Sample was analyzed past holding time. QIR-MET-97-11.

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QC Batch #60290**Hexavalent chromium**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0466	93.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0460	92.0	(78.00 - 118.00)	1.3
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	0.00

QC Batch #60470**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	98.0	98.0	(85.00 - 115.00)	5.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	99.4	99.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101.	101.0	(70.00 - 130.00)	1.6

QC Batch #60471**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	99.0	99.0	(85.00 - 115.00)	3.0
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	97.4	97.4	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	97.9	97.9	(70.00 - 130.00)	0.51

QC Batch #60472**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	530	106.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	507	101.4	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	525.	105.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	530.	106.0	(70.00 - 130.00)	0.95

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QC Batch #60473**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	530	106.0	(85.00 - 115.00)	1.3
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	499.	99.8	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	507.	101.4	(70.00 - 130.00)	1.6

QC Batch #60476**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0200	100.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	7.7
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0208	104.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0204	102.0	(85.00 - 115.00)	1.9

QC Batch #60484**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	99.2	103.1	(90.00 - 110.00)	0.00
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	105	109.1	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.1	100.9	(80.00 - 120.00)	7.8

QC Batch #60523**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19	95.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.3	96.5	(80.00 - 120.00)	1.6
MBLK	Potassium, Flame AA	ND				

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MS	Potassium, Flame AA	20	19.7	98.5	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	1.0

QC Batch #60524**Potassium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.1	95.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	19.6	98.0	(80.00 - 120.00)	2.6
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	19.4	97.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	19.6	98.0	(80.00 - 120.00)	1.0

QC Batch #60525**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	52.5	105.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	2.7
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	52	104.0	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	53.4	106.8	(80.00 - 120.00)	2.7

QC Batch #60535**Sodium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	52.7	105.4	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	52.3	104.6	(90.00 - 110.00)	0.76
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	51.2	102.4	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.5	101.0	(80.00 - 120.00)	1.4

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QC Batch #60536**Total Dissolved Solids**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	180	102.9	(85.00 - 115.00)	1.1
MBLK	Total Dissolved Solids	ND				

QC Batch #60540**Chloride**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.4	98.0	(90.00 - 110.00)	
LCS2	Chloride	25	24.7	99.0	(90.00 - 110.00)	1.2
MBLK	Chloride	ND				
MS	Chloride	25	27.4	110.0	(80.00 - 120.00)	
MSD	Chloride	25	27.5	110.0	(80.00 - 120.00)	0.36

QC Batch #60547**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.3	96.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.0	95.0	(90.00 - 110.00)	1.6
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20	100.0	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	19.7	98.0	(80.00 - 120.00)	1.5

QC Batch #60550**Sulfate**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.3	98.6	(90.00 - 110.00)	
LCS2	Sulfate	50	48.8	97.6	(90.00 - 110.00)	1.0
MBLK	Sulfate	ND				
MS	Sulfate	50	55.9	111.8	(70.00 - 130.00)	
MSD	Sulfate	50	55.2	110.4	(70.00 - 130.00)	1.3

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QC Batch #60551**Nitrate-N by IC**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.51	100.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.44	97.6	(90.00 - 110.00)	2.8
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.71	108.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.74	109.6	(80.00 - 120.00)	1.1

QC Batch #60556**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	49	98.0	(90.00 - 110.00)	0.20
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	45.1	90.2	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	48.9	97.8	(80.00 - 120.00)	8.1

QC Batch #60559**Magnesium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.3	96.5	(90.00 - 110.00)	0.00
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.1	100.5	(80.00 - 120.00)	2.0

QC Batch #60567**Arsenic, Total, GF**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0219	109.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	6.1
MBLK	Arsenic, Total, GF	ND				

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MS	Arsenic, Total, GF	0.020	0.0213	106.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0223	111.5	(85.00 - 115.00)	4.6

QC Batch #60596**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.2	101.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	3.0
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20	17.3	86.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.1	100.5	(70.00 - 130.00)	15

QC Batch #60597**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.1	100.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	20.3	101.5	(85.00 - 115.00)	0.99
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.8	99.0	(70.00 - 130.00)	1.5

QC Batch #60632**Chromium, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	103	103.0	(85.00 - 115.00)	0.98
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	104.	104.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	106.	106.0	(70.00 - 130.00)	1.9

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QC Batch #60636**Iron, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	520	104.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	544	108.8	(85.00 - 115.00)	4.5
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	510.	102.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	527.	105.4	(70.00 - 130.00)	3.3

QC Batch #60642**Lead, Total, ICAP/MS**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.9	104.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	0.96
MBLK	Lead, Total, ICAP/MS	ND	<u>0.919</u>	<u>0.0</u>		
MS	Lead, Total, ICAP/MS	20	20.1	100.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20	100.0	(70.00 - 130.00)	0.50

QC Batch #60653**Calcium, Flame AA**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	51	102.0	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	52.3	104.6	(90.00 - 110.00)	2.5
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	54.5	109.0	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	54.8	109.6	(80.00 - 120.00)	0.55

QC Batch #60661**Total phosphorus-P**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	.408	81.6	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	.417	83.4	(80.00 - 120.00)	2.2
MBLK	Total phosphorus-P	ND				

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MS	Total phosphorus-P	0.4	.461	115.3	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	.456	114.0	(70.00 - 130.00)	1.1

QC Batch #60691**Alkalinity**

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	98.3	102.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	98.6	102.5	(90.00 - 110.00)	0.30
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	89.3	92.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	91.5	95.1	(80.00 - 120.00)	2.4

QC Batch #60701**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	4.70	117.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.75	118.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.49	112.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.51	112.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.44	111.0	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.49	112.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				

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MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.63	107.9	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.74	118.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.62	115.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.69	117.3	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.87	121.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	5.00	125.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.81	120.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.59	114.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.44	111.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	5.09	127.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.09	104.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.87	96.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			

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MBLK	Naphthalene	ND			
LCS1	Styrene	4	5.04	126.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	5.15	128.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.83	120.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	3.94	98.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.79	89.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.53	113.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	10.4	130.0	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.44	111.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.14	128.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.46	111.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.47	111.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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QC Batch #60703**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	4.98	124.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.71	117.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.39	109.7	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.92	123.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	5.00	125.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.67	116.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.71	117.8	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.62	107.7	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	4.95	123.8	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.70	117.5	(70.00 - 130.00)	

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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.51	112.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	5.17	129.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.92	123.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.65	116.3	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.86	121.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane (Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.68	117.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	5.10	127.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane (Freon1)	2	2.24	112.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane (Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.64	91.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.90	122.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	5.16	129.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.96	124.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.90	122.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane (Freon	4	4.24	106.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane (Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.98	99.0	(70.00 - 130.00)

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.65	116.3	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	10.3	128.8	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.63	115.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.06	126.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.58	114.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	4.76	119.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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Report Summary of positive results, PR32824

			Result	MDL	UNITS
Analyzed	970307446	MW-971-108			
03/12/97	Data Entry		03/19/97		--
Analyzed	970307447	MW-971-107			
03/13/97	Data Entry		03/19/97		--
Analyzed	970307448	MW-971-02			
03/13/97	Data Entry		03/19/97		--
03/10/97	Alkalinity		170	2.000	MGL
03/20/97	Anion Sum		4.46	.001	MEQL
03/14/97	Bicarbonate as HCO ₃ ,calculated		207	.001	MGL
03/13/97	Calcium, Flame AA		48	1.000	MGL
03/14/97	Carbonate as CO ₃ , Calculated		0.536	.001	MGL
03/14/97	Cation Sum		4.57	.001	MEQL
03/11/97	Chloride		7.4	2.000	MGL
03/11/97	Iron, Total, ICAP/MS		1700	*****	UGL
03/12/97	Lab pH		7.6	.001	UNIT
03/13/97	Magnesium, Flame AA		16	1.000	MGL
03/11/97	Nitrate-N by IC		0.8	.200	MGL
03/13/97	Potassium, Flame AA		2.7	1.000	MGL
03/13/97	Sodium, Flame AA		18	1.000	MGL
03/10/97	Specific Conductance		425	4.000	UMHO
03/11/97	Sulfate		38	4.000	MGL
03/11/97	Total Dissolved Solids		240	10.000	MGL
Analyzed	970307449	MW-971-16			
03/12/97	Carbon Tetrachloride		1.5	.500	UGL
03/12/97	Chloroform (Trichloromethane)		1.3	.500	UGL
03/12/97	Data Entry		03/19/97		--
03/12/97	Fluorotrichloromethane (Freon1)		1.1	.500	UGL
03/12/97	Trichloroethylene (TCE)		4.5	.500	UGL
03/10/97	Alkalinity		140	2.000	MGL
03/20/97	Anion Sum		4.26	.001	MEQL
03/14/97	Bicarbonate as HCO ₃ ,calculated		171	.001	MGL
03/13/97	Calcium, Flame AA		47	1.000	MGL
03/14/97	Carbonate as CO ₃ , Calculated		0.279	.001	MGL
03/14/97	Cation Sum		4.43	.001	MEQL
03/11/97	Chloride		15	2.000	MGL
03/12/97	Lab pH		7.4	.001	UNIT
03/13/97	Magnesium, Flame AA		16	1.000	MGL
03/11/97	Nitrate-N by IC		2.8	.200	MGL
03/13/97	Potassium, Flame AA		2.6	1.000	MGL
03/13/97	Sodium, Flame AA		16	1.000	MGL
03/10/97	Specific Conductance		425	4.000	UMHO
03/11/97	Sulfate		40	4.000	MGL
03/11/97	Total Dissolved Solids		230	10.000	MGL
Analyzed	970307450	MW-971-17			
03/13/97	Data Entry		03/19/97		--
03/10/97	Alkalinity		210	2.000	MGL
03/20/97	Anion Sum		4.99	.001	MEQL

03/14/97	Bicarbonate as HCO ₃ ,calculated	256	.001	MGL
03/13/97	Calcium, Flame AA	56	1.000	MGL
03/14/97	Carbonate as CO ₃ , Calculated	0.418	.001	MGL
03/14/97	Cation Sum	5.37	.001	MEQL
03/11/97	Chloride	6.9	2.000	MGL
03/12/97	Lab pH	7.4	.001	UNIT
03/13/97	Magnesium, Flame AA	18	1.000	MGL
03/11/97	Nitrate-N by IC	1.3	.200	MGL
03/13/97	Potassium, Flame AA	3.6	1.000	MGL
03/13/97	Sodium, Flame AA	23	1.000	MGL
03/10/97	Specific Conductance	500	4.000	UMHO
03/11/97	Sulfate	24	4.000	MGL
03/11/97	Total Dissolved Solids	300	10.000	MGL

Analyzed 970307451 MW-971-01

03/13/97	Data Entry	03/19/97	--
03/10/97	Alkalinity	180	2.000 MGL
03/20/97	Anion Sum	4.80	.001 MEQL
03/14/97	Bicarbonate as HCO ₃ ,calculated	219	.001 MGL
03/13/97	Calcium, Flame AA	48	1.000 MGL
03/14/97	Carbonate as CO ₃ , Calculated	1.13	.001 MGL
03/14/97	Cation Sum	5.01	.001 MEQL
03/11/97	Chloride	13	2.000 MGL
03/12/97	Lab pH	7.9	.001 UNIT
03/13/97	Magnesium, Flame AA	16	1.000 MGL
03/11/97	Nitrate-N by IC	1.4	.200 MGL
03/13/97	Potassium, Flame AA	4.5	1.000 MGL
03/13/97	Sodium, Flame AA	27	1.000 MGL
03/10/97	Specific Conductance	465	4.000 UMHO
03/11/97	Sulfate	35	4.000 MGL
03/11/97	Total Dissolved Solids	270	10.000 MGL

Analyzed 970307452 MW-971-38

03/13/97	Data Entry	03/19/97	--
03/10/97	Alkalinity	170	2.000 MGL
03/20/97	Anion Sum	4.62	.001 MEQL
03/14/97	Bicarbonate as HCO ₃ ,calculated	207	.001 MGL
03/13/97	Calcium, Flame AA	51	1.000 MGL
03/14/97	Carbonate as CO ₃ , Calculated	0.425	.001 MGL
03/14/97	Cation Sum	4.98	.001 MEQL
03/11/97	Chloride	9.9	2.000 MGL
03/12/97	Lab pH	7.5	.001 UNIT
03/13/97	Magnesium, Flame AA	17	1.000 MGL
03/11/97	Nitrate-N by IC	3.0	.200 MGL
03/13/97	Potassium, Flame AA	3.0	1.000 MGL
03/13/97	Sodium, Flame AA	22	1.000 MGL
03/10/97	Specific Conductance	460	4.000 UMHO
03/11/97	Sulfate	35	4.000 MGL
03/11/97	Total Dissolved Solids	260	10.000 MGL

Analyzed 970307453 MW-971-31

03/13/97	1,1-Dichloroethylene	1.1	.500	UGL
03/13/97	1,2-Dichloroethane	0.9	.500	UGL
03/13/97	Carbon Tetrachloride	18	.500	UGL
03/13/97	Chloroform (Trichloromethane)	9.2	.500	UGL
03/13/97	Data Entry	03/19/97	--	
03/14/97	Trichloroethylene (TCE)	28	1.000	UGL

03/13/97	Trichlorotrifluoroethane (Freon	0.6	.500	UGL
03/18/97	Alkalinity	130	2.000	MGL
03/20/97	Anion Sum	5.20	.001	MEQL
03/20/97	Bicarbonate as HCO ₃ , calculated	158	.001	MGL
03/17/97	Calcium, Flame AA	54	1.000	MGL
03/20/97	Carbonate as CO ₃ , Calculated	0.325	.001	MGL
03/20/97	Cation Sum	5.25	.001	MEQL
03/11/97	Chloride	25	2.000	MGL
03/11/97	Chromium, Total, ICAP/MS	32	10.000	UGL
03/07/97	Hexavalent chromium	0.035	.005	MGL
03/12/97	Lab pH	7.5	.001	UNIT
03/13/97	Magnesium, Flame AA	18	1.000	MGL
03/11/97	Nitrate-N by IC	9.6	.200	MGL
03/13/97	Potassium, Flame AA	2.5	1.000	MGL
03/13/97	Sodium, Flame AA	23	1.000	MGL
03/10/97	Specific Conductance	520	4.000	UMHO
03/11/97	Sulfate	58	4.000	MGL
03/11/97	Total Dissolved Solids	310	10.000	MGL

Analyzed 970307454 MW-971-32

03/13/97	1,1-Dichloroethylene	1.0	.500	UGL
03/13/97	1,2-Dichloroethane	0.9	.500	UGL
03/13/97	Carbon Tetrachloride	18	.500	UGL
03/13/97	Chloroform (Trichloromethane)	9.4	.500	UGL
03/13/97	Data Entry	03/19/97		--
03/14/97	Trichloroethylene (TCE)	29	1.000	UGL
03/13/97	Trichlorotrifluoroethane (Freon	0.6	.500	UGL
03/11/97	Chromium, Total, ICAP/MS	32	10.000	UGL
03/07/97	Hexavalent chromium	0.035	.005	MGL



March 20, 1997

ToxScan Number: T-14496

Montgomery Watson Laboratories
555 E. Walnut Street
Pasadena, CA 91101

Attn: Karen King

PROJECT NAME: None
PROJECT NUMBER: 32685
DATE SAMPLED: March 4, 1997
DATE RECEIVED: March 7, 1997
MATRIX: Water

Please find the enclosed test results for the parameter requested for analysis. The samples were analyzed within holding time using the following method:

Tributyltin by Gas Chromatograph with Flame Photometric Detector

The samples were received intact and were handled with the proper chain-of-custody procedures. Appropriate QA/QC guidelines were employed during the analyses on a minimum of a 5% basis. QC results were within limits and are reported with or following the data for each analysis.

If you have any questions or require any additional information, please feel free to call.

Sincerely,

Philip D. Carpenter, Ph.D.
President

Enclosures

This cover letter is an integral part of the report.

Client: Montgomery Watson Laboratories
Method: EPA Method(s) GC/FPD
Date Completed: 3/14/97
Matrix: Water
Units: ng/L

ToxScan Number: T-14496

<u>Client Sample ID</u>	<u>Site ID</u>	<u>ToxScan Lab ID</u>	<u>Analyte</u>	<u>Sample Value</u>	<u>Reporting Limit</u>
970304137	MW-971-101	14496-01	Tributyltin	ND	2.0
970304138	MW-971-25	14496-02	Tributyltin	ND	2.0
970304139	MW-971-26	14496-03	Tributyltin	ND	2.0



March 20, 1997

ToxScan Number: T-14509

Montgomery Watson Laboratories
555 E. Walnut Street
Pasadena, CA 91101

Attn: Karen King

PROJECT NAME: None
PROJECT NUMBER: 32824
DATE SAMPLED: March 7, 1997
DATE RECEIVED: March 11, 1997
MATRIX: Water

Please find the enclosed test results for the parameter requested for analysis. The samples were analyzed within holding time using the following method:

Tributyltin by Gas Chromatograph with Flame Photometric Detector

The samples were received intact and were handled with the proper chain-of-custody procedures. Appropriate QA/QC guidelines were employed during the analyses on a minimum of a 5% basis. QC results were within limits and are reported with or following the data for each analysis.

If you have any questions or require any additional information, please feel free to call.

Sincerely,

Philip D. Carpenter, Ph.D.
President

Enclosures

This cover letter is an integral part of the report.

Client: Montgomery Watson Laboratories
Method: EPA Method(s) GC/FPD
Date Completed: 3/14/97
Matrix: Water
Units: ng/L

ToxScan Number: T-14509

Client		ToxScan		Sample	Reporting
<u>Sample ID</u>	<u>Site ID</u>	<u>Lab ID</u>	<u>Analyte</u>	<u>Value</u>	<u>Limit</u>
970307453	MW-971-31	14509-01	Tributyltin	ND	2.0
970307454	MW-971-32	14509-02	Tributyltin	ND	2.0



March 20, 1997

ToxScan Number: T-14492

Montgomery Watson Laboratories
555 E. Walnut Street
Pasadena, CA 91101

Attn: Karen King

PROJECT NAME: None
PROJECT NUMBER: 32645
DATE SAMPLED: March 3, 1997
DATE RECEIVED: March 5, 1997
MATRIX: Water

Please find the enclosed test results for the parameter requested for analysis. The samples were analyzed within holding time using the following method:

Tributyltin by Gas Chromatograph with Flame Photometric Detector

The samples were received intact and were handled with the proper chain-of-custody procedures. Appropriate QA/QC guidelines were employed during the analyses on a minimum of a 5% basis. QC results were within limits and are reported with or following the data for each analysis.

If you have any questions or require any additional information, please feel free to call.

Sincerely,

Philip D. Carpenter, Ph.D.
President

Enclosures

This cover letter is an integral part of the report.

Client: Montgomery Watson Laboratories
Method: EPA Method(s) GC/FPD
Date Completed: 3/14/97
Matrix: Water
Units: ng/L

ToxScan Number: T-14492

<u>Client</u> <u>Sample ID</u>	<u>Site ID</u>	<u>ToxScan</u> <u>Lab ID</u>	<u>Analyte</u>	<u>Sample</u> <u>Value</u>	<u>Reporting</u> <u>Limit</u>
970303100	MW-971-99	14492-01	Tributyltin	ND	2.0
970303101	MW-971-27	14492-02	Tributyltin	ND	2.0



№ 0849

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL		OFS No. 1572		HAZARD IDENTIFICATION:				Time Required																					
Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.				Nonhazard ☒ Flammable ☒ Skin Irritant ☐ Reactive ☐ Toxic ☐ Infectious ☐				NORMAL ☒ DAYS RUSH ☐ DAYS																					
Sampler (Name): THOMAS BLANEY		Sampler (Signature): [Signature]		ANALYSES REQUIRED																									
Laboratory: MONTGOMERY LABS				VOCS 5242 TOTAL AS, Pb, Cr 6000/7000 CATIONS MAJOR ANIONS Cr+6 T-P																									
Reports to Be Sent to: MARK CUTLER																													
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL																								
					WATER	SOIL	OTHER (Describe)																						
MW-971-47	1320	2/3/97	6		X			X	X	X	X	X	X																
MW-971-47-M5	1325		2		X			X																					
MW-971-47-M5	1330		2		X			X																					
MW-971-48	1205		6		X			X	X	X	X	X	X																
MW-971-49	1020		6		X			X	X	X	X	X	X																
MW-971-65	0840		4		X			X	X			X																	
MW-971-66	0835		2		X			X																					
LABORATORY INSTRUCTIONS/COMMENTS:																													
Level IV QA/QC																													
LABORATORY INSTRUCTIONS/COMMENTS:																													
SAMPLING COMMENTS:																													
Samples Reviewed @ LAB @ 3 rd .																													
Relinquished by: (Signature)					Date: 2/3/97					Received by: (Signature)					Relinquished by: (Signature)					Date:					Received by: (Signature)				
Company: FINEC					Time: 1500					Company: M.W.					Company:					Time:					Company:				

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0100

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL						OFS No. 1572																	
Project Address: 4800 OAK GROVE BLVD PASADENA, CA																							
Sampler (Name): J. BRENNER						Sampler: (Signature): [Signature]																	
Laboratory: MONTGOMERY LABORATORIES																							
Reports to Be Sent to: MR. MARIC CUTLER																							
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (EPA 524.2) TOTAL AS TO C _P 6010/7000	CATIONS	MAJOR ANIONS	HEAVY METALS Cr.	T-P											
					WATER	SOIL	OTHER (Describe)																
MW-97I-67	0850	2/4/97	4	2 x 40 ml 1x125ml 1 x 250 ml	X			X	X			X											
MW-97I-68	0845	2/4/97	2	2 x 40 ml	X			X															
MW-97I-46	0940	2/4/97	6	2 x 40 ml 1x500 ml 2 x 125 ml 1 x 250 ml	X			X	X	X	X	X	X										
MW-97I-45	1055	2/4/97	6	2 x 40 ml 1x500 ml 2 x 125 ml 1 x 250 ml	X			X	X	X	X	X	X										
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL II QA/QC												SAMPLING COMMENTS: ALL SAMPLES DELIVERED TO LAB AT 3°C											
Relinquished by: (Signature) [Signature]				Date: 2-4-97	Received by: (Signature) [Signature]				Relinquished by: (Signature)				Date:	Received by: (Signature)									
Company: EWENS				Time: 16:38	Company: MONTGOMERY LABS				Company:				Time:	Company:									



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0101

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL		OFS No. 1572		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ DAYS RUSH ☐ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY			
Project Address: 4800 OAK GROVE DR., PASADENA, CA		Sampler (Name): J. Brenner		Sample (Signature): J. Brenner		ANALYSES REQUIRED					
Laboratory: MONTGOMERY LABORATORIES		Reports to Be Sent to: MR. MARZ CUTLER		VOCs EPA 524.2 TOTAL AS, Pb, Cr 60101/7000 CATIONS MAJOR ANIONS HEX CHROMIUM T-P							
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			LOCATION	DEPTH	QC CODE	
					WATER	SOIL	OTHER (Describe)				
MW-971-70	0820	2/5/97	2	2 x 40ml	X			X		TRIP BLANK 2/5/97	
MW-971-69	0815	2/5/97	4	2 x 40ml 1 x 250ml 1 x 250ml	X			X	X	EDUP. BLANK 2/5/97	
MW-971-43	1325	2/5/97	6	2 x 40ml 1 x 250ml 1 x 500ml 2 x 125ml	X			X	X	MW-17 SCREEN 4	
MW-971-44	1500	2/5/97	6	2 x 40ml 1 x 250ml 1 x 500ml 2 x 125ml	X			X	X	MW-17 SCREEN 5	
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC								SAMPLING COMMENTS: ALL SAMPLES DELIVERED TO LAB AT 3°C			
Relinquished by: (Signature)		Date: 2-5-97		Received by: (Signature)		Relinquished by: (Signature)		Date:		Received by: (Signature)	
Company: FWENC		Time: 12:13		Company: M. DE WESA		Company:		Time:		Company:	

FOSTER WHEELER ENVIRONMENTAL CORPORATION

Project : JPL		OFS No. 1572		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ _____ DAYS RUSH ☐ _____ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY													
Project Address: 4800 OAK GROVE DR. PASADENA, CA				ANALYSES REQUIRED																	
Sampler (Name): J. BRENNER		Sampler (Signature): [Signature]		EPD 524.2 (NCS) TOTAL AS, Pb, Cr 6010/7000 CATIONS MAJOR ANIONS Hex. Chro. m. T-P																	
Laboratory: MONTGOMERY LABORATORIES																					
Reports to Be Sent to: MR. MARK CUTLER																					
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			EPD 524.2 (NCS) TOTAL AS, Pb, Cr 6010/7000 CATIONS MAJOR ANIONS Hex. Chro. m. T-P										LOCATION	DEPTH	QC CODE	
					WATER	SOIL	OTHER (Describe)														
MW-971-74	0820	2/7/97	2	2x40ml	X			X										TRIP BLANK	2/7/97		
MW-971-73	0825	2/7/97	4	2x40ml 1x250ml 1x125ml	X			X	X			X						EQUIP. BLANK	2/7/97		
MW-971-42	0920	2/7/97	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	X					MW-17 SCREEN	3		
MW-971-59	1120	2/7/97	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	X					MW-20 SCREEN	5		
MW-971-58	1520	2/7/97	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	X					MW-20 SCREEN	4		
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC																SAMPLING COMMENTS: ALL SAMPLES DELIVERED TO LAB AT 3°C					
Relinquished by: (Signature) [Signature]		Date: 2/7/97		Received by: (Signature) [Signature] M. DEMBIA		Relinquished by: (Signature)		Date:		Received by: (Signature)											
Company: [Signature]		Time: 1400		Company: M.W.		Company:		Time:		Company:											

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0104

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL			OFS No. 1572			HAZARD IDENTIFICATION:			Time Required																
Project Address: 4800 OAK GROVE DR. PASADENA CA						Nonhazard ☒ Reactive ☐			NORMAL ☒ DAYS																
Sampler (Name): J. BRENNER			Sampler: (Signature): J. BRENNER			Flammable ☐ Toxic ☐			RUSH ☐ DAYS																
Laboratory: MONTGOMERY LABORATORIES						Skin Irritant ☐ Infectious ☐																			
Reports to Be Sent to: MR. MARK CUTLER						ANALYSES REQUIRED			THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY																
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			EPA 524.2 (NO3-)	Total As, Pb, Cr	CATIONS	MAJOR ANIONS	Hex. Cr	T-P							LOCATION	DEPTH	QC CODE			
					WATER	SOIL	OTHER (Describe)																		
MW 971-76	0850	2/10/97	2	2x40ml	X			X												TRIP BLANK	2/10/97				
MW 971-75	0855		4	2x40ml 1x125ml 1x250ml	X			X	X			X								TRIP BLANK	2/10/97				
MW 971-57	1000		6	2x40ml 1x500ml 1x250ml 2x125ml	X			X	X	X	X	X	X							MW 20	SCREEN 3				
MW 971-56	1115		6	2x40ml 1x500ml 1x250ml 2x125ml	X			X	X	X	X	X	X							MW 20	SCREEN 2				
MW 971-55	1220		6	2x40ml 1x500ml 1x250ml 2x125ml	X			X	X	X	X	X	X							MW 20	SCREEN 1				
LABORATORY INSTRUCTIONS/COMMENTS:																							SAMPLING COMMENTS:		
LEVEL IV QA/QC																							ALL SAMPLES DELIVERED TO LAB AT 3'C		
Relinquished by: (Signature)			Date: 2-18-97		Received by: (Signature)			Relinquished by: (Signature)			Date:		Received by: (Signature)												
Company: FUECO			Time: 14:18		Company: M.W.			Company:			Time:		Company:												



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0105

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page ____ of ____

Project : JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ _____ DAYS RUSH ☐ _____ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY								
Project Address: 4800 OAK GROVE DRIVE		Sampler (Name): T. CHOI		Sampler: (Signature):		ANALYSES REQUIRED										
Laboratory: MONTGOMERY LABS, PASADENA, CA		Reports to Be Sent to: MARK CUTLER														
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL WATER SOIL OTHER (Describe)			VOCs (EPA 824.2)	TOTAL ARSENIC, LEAD, CHROMIUM (6010/7090)	CATIONS	MAJOR ANIONS	HEXAVALENT CHROME	TOTAL PHOSPHOROUS	LOCATION	DEPTH	QC CODE
MW-971-78	0825	2-11-97	2	2x40 mL	X			X						EQUIPMENT TRIP BLANK	2-11-97	
MW-971-77	0830	2-11-97	4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X			X		EQUIPMENT BLANK	2-11-97	
MW-971-94	1400	2-11-97	6	2x40 mL, 1x250 mL, 1x500 mL, 2x125 mL	X			X	X	X	X	X	X	MW-19, SCREEN 5		
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV. QA/QC														SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C		
Relinquished by: (Signature)		Date: 2-11-97	Received by: (Signature)		Relinquished by: (Signature)		Date:	Received by: (Signature)								
Company: FWENC		Time: 15:46	Company: MONTGOMERY LABS		Company:		Time:	Company:								



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0108

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☒ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ DAYS RUSH ☐ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY						
Project Address: 4800 OAK GROVE DRIVE		Sampler (Name): T. Choi		Sampler (Signature):		ANALYSES REQUIRED								
Laboratory: MONTGOMERY LABS		Reports to Be Sent to: MARK CUTLER		EPA 524.2 VOCs Total As, Pb, Cr Cd, Ni, Hg, Se CATIONS MAJOR ANIONS Hex. Cr T.P.										
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL WATER SOIL OTHER (Describe)						LOCATION	DEPTH	QC CODE	
MW-971-82	0830	2/13/97	2	2x40ml	X			X						TRIP BLANK 2/13/97
MW-971-81	0835	2/13/97	4	2x40ml (1x125ml) 1x250ml	X			X	X			X		EQUIP. BLANK 2/13/97
MW-971-50	1500	2/13/97	6	2x40ml (1x250ml) 2x125ml 1x500ml	X			X	X	X	X	X	X	MW-19 SCREEN 1
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC											SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C			
Relinquished by: (Signature)		Date: 2-13-97	Received by: (Signature)		Relinquished by: (Signature)		Date:	Received by: (Signature)						
Company: FWENC		Time: 16:00	Company: MONTGOMERY LABS		Company:		Time:	Company:						

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0879

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1[illegible]



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0866

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ DAYS RUSH ☐ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY													
Project Address: 4800 OAK GROVE DRIVE				ANALYSES REQUIRED VOC's (EPA 524.2) Ar, Cr, Pb (60107020) MAJOR ANIONS HEAVY METAL CHROMIUM TOTAL PHOSPHOROUS																	
Sampler (Name): T. CHOI		Sampler (Signature): [Signature]																			
Laboratory: MONTGOMERY LABS																					
Reports to Be Sent to: MARK CUTLER																					
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL														LOCATION	DEPTH	QC CODE
					WATER	SOIL	OTHER (Describe)														
MW-971-92	1005	2-24-97	2	2x40 mL	X			X											TRIP BLANK		2-24-97
MW-971-91	1000	2-24-97	4	2x40 mL, 1x250 1x125 mL	X			X	X		X								EQUIPMENT BLANK		2-24-97
MW-971-64	1350	2-24-97	6	2x40 mL, 1x250 1x500, 2x125	X			X	X	X	X	X							MW-21, SCREEN 5		2-24-97
LABORATORY INSTRUCTIONS/COMMENTS:																		SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C			
LEVEL II QA/QC																					
Relinquished by: (Signature) [Signature]																					
Date: 2-24-97																					
Received by: (Signature) [Signature]																					
Date: 2-24-97																					
Company: FUGRO																					
Time: 1500																					
Company: MONTGOMERY WATSON																					
Time: 1500																					
Company: MONTGOMERY WATSON																					
Time: 1500																					



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0867

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project : JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ DAYS RUSH ☐ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY							
Project Address: 4800 OAK GROVE DRIVE				ANALYSES REQUIRED											
Sampler (Name): T. Choi		Sampler (Signature): [Signature]		VOCs (EPA 524.2)	As, Cr, Pb (601/700)	MAJOR ANIONS	HEXAVALENT CHROME				TOTAL PHOSPHORUS				
Laboratory: MONTGOMERY WATSON															
Reports to Be Sent to: MARK CUTLER															
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL WATER SOIL OTHER (Describe)							LOCATION	DEPTH	QC CODE	
MW-971-94	0800	2-26-97	2	2x40 ml	X			X						TRIP BLANK	2-26-97
MW-971-93	0845	2-26-97	4	2x40 ml, 1x250 ml 1x125 ml	X			X	X		X			EQUIPMENT BLANK	2-26-97
MW-971-37	0945	2-26-97	6	2x40 ml, 1x250 ml 1x500 ml, 2x125 ml	X			X	X	X	X			MW-14, SCREEN 5	
MW-971-36	1035	2-26-97	6	2x40 ml, 1x250 ml 1x500 ml, 2x125 ml	X			X	X	X	X			MW-14, SCREEN 4	
MW-971-35		2/26/97	6	2x40, 1x250 1x500, 2x125	X			X	X	X	X			MW-14 Screen # 3	
MW-971-34		2/26/97	6	2x40, 1x250 1x500, 2x125	X			X	X	X	X			MW-14 Screen # 2	
LABORATORY INSTRUCTIONS/COMMENTS: LEVEL TO QAY/QC												SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C			
Relinquished by: (Signature)		Date: 2-26-97	Received by: (Signature)		Relinquished by: (Signature)		Date:	Received by: (Signature)							
Company: FUEX		Time: 14:33	Company: MONTGOMERY WATSON		Company:		Time:	Company:							



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0869

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

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Project : JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ _____ DAYS RUSH ☐ _____ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY										
Project Address: 4800 OAK GROVE DRIVE		Sampler (Name): T. CHOI		Sampler (Signature):		ANALYSES REQUIRED												
Laboratory: MONTGOMERY WATSON		Reports to Be Sent to: MARK CUTLER		VOCs (EPA 524.2)		AR, CR, Pb (60107AD)					MAJOR ANIONS		HEAVY METALS CHROM		TOTAL PHOSPHORUS			
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL WATER SOIL OTHER (Describe)									LOCATION	DEPTH	QC CODE		
MW-971-98	0800	2-28-97	2	2x40 mL	X			X								TRIP BLANK		2-28-97
MW-971-97	0815		4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X		X					EQUIPMENT BLANK		2-28-97
MW-971-08	0855		6	2x40 mL, 1x250 mL, 1x500 mL, 2x125	X			X	X	X	X	X				MW-4, SCREEN 2		
MW-971-09	0915		4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X		X					MW-4, SCREEN 2 (DUPLICATE)		
MW-971-07	0945		6	2x40, 1x250, 1x500, 2x125	X			X	X	X	X	X				MW-4, SCREEN 1		
MW-971-30	1120		6		X			X	X	X	X	X				MW-12, SCREEN 3		
MW-971-29	1230		6		X			X	X	X	X	X				MW-12, SCREEN 4		
MW-971-28	1335	2-28-97	6		X			X	X	X	X	X				MW-12, SCREEN 3		
LABORATORY INSTRUCTIONS/COMMENTS:															SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C			
LEVEL II QA/QC																		
Relinquished by: (Signature) Date: 2-28-97 Received by: (Signature) Date: _____																		
Company: FWER Time: 14:44 Company: MONTGOMERY WATSON																		



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0872

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

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Project: JPL		OFS No. 1572.0208		HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐		Time Required NORMAL ☒ _____ DAYS RUSH ☐ _____ DAYS		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY											
Project Address: 4800 OAK GROVE DRIVE		Sampler (Name): T. CHOI		Sampler (Signature): [Signature]		ANALYSES REQUIRED													
Laboratory: MONTGOMERY WATSON		Reports to Be Sent to: MARK CUTLER		VOCs (EPA 524.2)		Ar. Cr. Pb (6010702)					METALS		HEAVY METALS		TOTAL PHOSPHORUS		TRIBUTYL TIN		
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL WATER SOIL OTHER (Describe)											LOCATION	DEPTH	QC CODE	
MW-971-102	0825	3-4-97	2	2x40 mL	X			X									TRIP BLANK		3-4-97
MW-971-101	0830	3-4-97	7	2x40, 1x250, 1x125, 3x1L	X			X	X		X		X				EQUIPMENT BLANK		3-4-97
MW-971-25	1135	3-4-97	9	2x40, 1x250, 1x500, 2x125, 3x1L	X			X	X	X	X	X	X				MW-12, SCREEN 1		
MW-971-26	1140	3-4-97	7	2x40, 1x250, 1x125, 3x1L	X			X	X		X		X				MW-12, SCREEN 1 (DUPLICATE)		
MW-971-14	1130	3-4-97	6	2x40, 1x250, 1x500, 2x125	X			X	X	X	X	X	X	X			MW-6		
MW-971-39	1325	3-4-97	6	2x40, 1x250, 1x500, 2x125	X			X	X	X	X	X	X	X			MW-16		
LABORATORY INSTRUCTIONS/COMMENTS:																	SAMPLING COMMENTS:		
LEVEL III GAYLOR																	MISMAKED. Samples for MW-6 & MW-16 were NOT to be Analyzed for TBT. TPO		
Relinquished by: (Signature)		Date: 3-4-97		Received by: (Signature)		Date:		Relinquished by: (Signature)		Date:		Received by: (Signature)		ALL SAMPLES DELIVERED @ 30°C					
Company: FUEHC		Time: 3-4-97		Company: MONTGOMERY				Company:				Company:							



FOSTER WHEELER ENVIRONMENTAL CORPORATION

No 0878

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

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Project : <u>JPL</u>		OFS No. <u>1572.0208</u>		HAZARD IDENTIFICATION:		Time Required		THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY												
Project Address: <u>4800 OAK GROVE DRIVE</u>		Sampler (Name): <u>T. CHOI</u>		Nonhazard ☒ Flammable ☐ Skin Irritant ☐ Reactive ☐ Toxic ☐ Infectious ☐ RUSH ☐		NORMAL ☒ DAYS														
Laboratory: <u>MONTGOMERY WATSON</u>		Sampler (Signature): <u>[Signature]</u>		ANALYSES REQUIRED																
Reports to Be Sent to: <u>MARK CUTLER</u>																				
SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL			VOCs (EPA 524.2)	Ac, Cc, Pb (601/700)	METAL ANALYSIS	HEAVY METAL CHROME	TOTAL PHOSPHORUS						LOCATION	DEPTH	QC CODE
					WATER	SOIL	OTHER (Describe)													
MW-971-104	0755	3-5-97	2	2x40 mL	X			X										TRIP BLANK		3-5-97
MW-971-103	0800	3-5-97	4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X		X							EQUIPMENT BLANK		3-5-97
MW-971-200	0905	3-5-97	4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X		X							FIELD BLANK	MW-7	
MW-971-24	0910	3/5/97	6	2x40 mL, 1x250 mL, 2x125 mL, 1x500 mL	X			X	X	X	X	X						MW-11, SCREEN	5	
MW-971-25	0910	3/5/97	6	2x40 mL, 1x250 mL, 2x125 mL, 1x500 mL	X			X	X	X	X	X						MW-7		
MW-971-23	1040	3/5/97	6		X			X	X	X	X	X						MW-11, SCREEN	4	
MW-971-18	1050	3/5/97	6		X			X	X	X	X	X						MW-10		
MW-971-19	1100	3/5/97	4	2x40 mL, 1x250 mL, 1x125 mL	X			X	X		X							MW-10 (DUPLICATE)		
MW-971-22	1200	3/5/97	6	2x40 mL, 1x250 mL, 2x125 mL, 1x500 mL	X			X	X	X	X	X						MW-11, SCREEN	3	
MW-971-21	1325	3/5/97	6		X			X	X	X	X	X						MW-11, SCREEN	2	
MW-971-20	1430	3/5/97	6		X			X	X	X	X	X						MW-11, SCREEN	1	
MW-971-13	1350	3/5/97	6		X			X	X	X	X	X						MW-5		
LABORATORY INSTRUCTIONS/COMMENTS:																	SAMPLING COMMENTS: ALL SAMPLES DELIVERED @ 3°C			
LEVEL IV QA/QC																				
Relinquished by: (Signature) <u>[Signature]</u> Date: <u>3-5-97</u> Received by: (Signature) <u>[Signature]</u> Date: <u>15:22</u> Company: <u>FWENC</u> Company: <u>MONTGOMERY</u>																				
Relinquished by: (Signature) _____ Date: _____ Received by: (Signature) _____ Date: _____ Company: _____ Company: _____																				

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0638

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

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