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1 800 566 LABS (1 800 566 5227)

Laboratory
Report
#28791

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-60 (960827077) Sampled on 08/27/96								
09/18/96	09/24/96	54673	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Report
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Group Comments

(524) B indicates that the compound is also detected in the method blank.

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Foster Wheeler Environmental, Inc

QC Batch #53600 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0505	101.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0494	98.8	(78.00 - 118.00)	2.2
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0517	103.4	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0494	98.8	(80.00 - 120.00)	4.5

QC Batch #53683 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	27.2	108.8	(90.00 - 110.00)	
LCS2	Chloride	25	27.2	108.8	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	28.3	113.2	(80.00 - 120.00)	
MSD	Chloride	25	28.2	112.8	(80.00 - 120.00)	0.35

QC Batch #53688 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.74	109.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.71	108.4	(90.00 - 110.00)	1.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.72	108.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.73	109.2	(80.00 - 120.00)	0.37

QC Batch #53692 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	54.0	108.0	(90.00 - 110.00)	
LCS2	Sulfate	50	53.6	107.2	(90.00 - 110.00)	0.74
MBLK	Sulfate	ND				
MS	Sulfate	50	55.0	110.0	(70.00 - 130.00)	
MSD	Sulfate	50	55.0	110.0	(70.00 - 130.00)	0.00

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #53818 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.43	85.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.69	92.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.50	87.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.28	82.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.26	81.5	(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	3.63	90.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.31	82.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.21	80.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.07	75.9	(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	3.29	82.2	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	3.47	86.8	(70.00 - 130.00)	

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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.08	77.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.44	86.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.69	92.2	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.33	83.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.32	83.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.61	90.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.77	94.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.74	87.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.67	91.8	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.98	99.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.57	89.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.62	90.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.19	79.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.70	92.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.73	86.5	(70.00 - 130.00)

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.03	75.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.75	96.9	(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	3.66	91.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	3.86	96.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.50	87.5	(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	3.01	75.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #53863 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	93.4	97.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.2	97.9	(90.00 - 110.00)	0.85
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	89.5	93.0	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.5	93.0	(80.00 - 120.00)	0.00

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QC Batch #53875 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	162	92.6	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	172	98.3	(85.00 - 115.00)	6.0
MBLK	Total Dissolved Solids	ND				

QC Batch #53888 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.48	96.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.49	98.0	(80.00 - 120.00)	2.1
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.389	97.2	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.405	101.2	(70.00 - 130.00)	4.0

QC Batch #54062 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	20.4	102.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	0.99
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.0	105.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.0	105.0	(80.00 - 120.00)	0.00

QC Batch #54063 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	51.5	103.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.3	102.6	(90.00 - 110.00)	0.39
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	51.6	103.2	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	51.8	103.6	(80.00 - 120.00)	0.39

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QC Batch #54064 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	20.2	101.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	20.6	103.0	(90.00 - 110.00)	2.0
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	21.3	106.5	(80.00 - 120.00)	1.9

QC Batch #54065 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	45.4	90.8	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	48.4	96.8	(90.00 - 110.00)	6.4
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	56.9	113.8	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	61.5	123.0	(80.00 - 120.00)	7.8

QC Batch #54145 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.63	90.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.32	83.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.27	81.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.13	78.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				

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MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.61	90.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.11	77.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.14	78.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.06	75.8	(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	3.31	82.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.39	84.8	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.79	94.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.49	87.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.84	96.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.53	88.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.13	78.2	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.58	89.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.69	84.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.34	83.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.14	103.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.59	89.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.67	91.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.15	78.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.72	93.0	(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	2.79	69.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	3.99	99.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(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	2.88	72.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54651 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0196	98.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0188	94.0	(85.00 - 115.00)	4.2
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0201	100.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0184	92.0	(85.00 - 115.00)	8.8

QC Batch #54669 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	226	113.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	214	107.0	(85.00 - 115.00)	5.5
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	205	102.5	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	198	99.0	(70.00 - 130.00)	3.5

QC Batch #54673 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.3	93.3	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	96.9	96.9	(85.00 - 115.00)	3.8
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	93.7	93.7	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	88.7	88.7	(70.00 - 130.00)	5.5

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

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Laboratory
QC Report
#28791

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54677 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	552	110.4	(85.00 - 115.00)	2.9
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	555	111.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	531	106.0	(70.00 - 130.00)	4.4

QC Batch #54681 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.6	93.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	2.2
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.5	102.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	11.1	56.0	(70.00 - 130.00)	59

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				

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

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Laboratory
QC Report
#28791

Foster Wheeler Environmental, Inc
(continued)

MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 1, 1996

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

Attention: Mark Cutler

Re: Report # 28827 (MW-961-129-30; 55-58)

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):
In sample -57, IS #2 was recovered below the QC limit. No analytes quantitated off this IS were detected in this sample. This sample was analyzed a second time with the same results (ref QIR MS 96-031). Cis-DCE was recovered just below the 70% limit in one LCS. All volatiles were analyzed within holding times with acceptable QC.

Samples requiring dilution (with increased MRL's):
None.

Method blanks with compounds detected:
Acetone was detected as a TIC in several samples and in the blank.

Other Comments:
Carbon Tetrachloride was detected above the MCL in some samples.

Sincerely,

Andrew Eaton

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT -1 1996
ADE*

Report#: 28827
JPL

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Laboratory
Report
#28827

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

Samples Received
28-aug-1996 17:23:19

MW-961-129 (960828126) Sampled on 08/28/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	08/30/96	54145	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/30/96	54145	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#28827

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/30/96	54145	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	3.9 (B)	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	90	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-130 (960828127) Sampled on 08/28/96

Regulated VOCs plus Lists 1&3

08/30/96	54145	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
08/30/96	54145	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
08/30/96	54145	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
08/30/96	54145	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
08/30/96	54145	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Laboratory
Report
#28827

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/30/96	54145	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	3.4 (B)	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

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Laboratory
Report
#28827

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-55 (960828128) Sampled on 08/28/96								
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	185	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.95	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	50	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	4.81	meq/l	0.0010	1
	08/28/96	53683	(ML/EPA 300)	Chloride	16	mg/l	1.0	1
	09/12/96		(ML/S2320-B)	Carbonate as CO3, Calculated	1.46	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/30/96	53792	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	08/30/96		(ML/S2510B)	Specific Conductance	455	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	310	ug/l	100	1
	09/12/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	225	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.9	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	14	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	25	mg/l	1.0	1
	08/28/96	53688	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	08/30/96		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	08/28/96	53692	(ML/EPA 300)	Sulfate	34	mg/l	2.0	1
	09/04/96	53888	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/02/96	53875	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	08/30/96	54145	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	08/30/96	54145	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/30/96	54145	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Carbon Tetrachloride	4.5	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/30/96	54145	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/30/96	54145	(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	95	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-56 (960828129) Sampled on 08/28/96

09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

MW-961-57 (960828130) Sampled on 08/28/96

09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	86	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	190	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.98	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	52	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	4.86	meq/l	0.0010	1
	08/28/96	53683	(ML/EPA 300)	Chloride	15	mg/l	1.0	1
	09/12/96		(ML/S2320-B)	Carbonate as CO3, Calculated	1.50	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/30/96	53792	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	08/30/96		(ML/S2510B)	Specific Conductance	455	umho/cm	4.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	710	ug/l	100	1
	09/12/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	231	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.3	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	13	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	26	mg/l	1.0	1
	08/28/96	53688	(ML/EPA 300.0)	Nitrate-N by IC	1.3	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	4.5	ug/l	2.0	1
	08/30/96		(ML/S4500H-B)	Lab pH	8.0	Units	0.0010	1
	08/28/96	53692	(ML/EPA 300)	Sulfate	32	mg/l	2.0	1
	09/04/96	53888	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/02/96	53875	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	08/30/96	54145	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	08/30/96	54145	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/30/96	54145	(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
	08/30/96	54145	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Carbon Tetrachloride	6.3	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.4	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/30/96	54145	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/30/96	54145	(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
	08/30/96	54145	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	08/30/96	54145	(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	86	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

MW-961-58 (960829001) Sampled on 08/28/96

09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Group Comments

(524) B indicates that the analyte is also detected in the method blank.
The second internal standard recovered below QC limit in sample MW-961-57. No analytes quantitated off this IS were detected in the sample. Positives would biased high otherwis e. This sample was analyzed twice with same problem. QIR-MS-96-031.

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Laboratory
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Foster Wheeler Environmental, Inc

QC Batch #53683 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	27.2	108.8	(90.00 - 110.00)	
LCS2	Chloride	25	27.2	108.8	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	28.3	113.2	(80.00 - 120.00)	
MSD	Chloride	25	28.2	112.8	(80.00 - 120.00)	0.35

QC Batch #53688 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.74	109.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.71	108.4	(90.00 - 110.00)	1.1
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.72	108.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.73	109.2	(80.00 - 120.00)	0.37

QC Batch #53692 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	54.0	108.0	(90.00 - 110.00)	
LCS2	Sulfate	50	53.6	107.2	(90.00 - 110.00)	0.74
MBLK	Sulfate	ND				
MS	Sulfate	50	55.0	110.0	(70.00 - 130.00)	
MSD	Sulfate	50	55.0	110.0	(70.00 - 130.00)	0.00

QC Batch #53792 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0470	94.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0495	99.0	(78.00 - 118.00)	5.2
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0458	91.6	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0445	89.0	(80.00 - 120.00)	2.9

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

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Laboratory
QC Report
#28827

Foster Wheeler Environmental, Inc
(continued)

QC Batch #53875 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	162	92.6	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	172	98.3	(85.00 - 115.00)	6.0
MBLK	Total Dissolved Solids	ND				

QC Batch #53888 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.48	96.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.49	98.0	(80.00 - 120.00)	2.1
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.389	97.2	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.405	101.2	(70.00 - 130.00)	4.0

QC Batch #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54145 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.63	90.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				

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Laboratory
QC Report
#28827

Foster Wheeler Environmental, Inc
(continued)

LCS1	1,1,2-Trichloroethane	4	3.32	83.0	(70.00 - 130.00)
MBLK	1,1,2-Trichloroethane	ND			
LCS1	1,1-Dichloroethane	4	3.27	81.8	(70.00 - 130.00)
MBLK	1,1-Dichloroethane	ND			
LCS1	1,1-Dichloroethylene	4	3.13	78.2	(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	3.61	90.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.11	77.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.14	78.5	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.06	75.8	(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	3.31	82.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.39	84.8	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.79	94.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.49	87.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.84	96.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.53	88.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.13	78.2	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.58	89.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.69	84.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.34	83.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.14	103.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.59	89.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.67	91.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.15	78.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.72	93.0	(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	2.79	69.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	3.99	99.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(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	2.88	72.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54670 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	196	98.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	190	95.0	(85.00 - 115.00)	3.1
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	169	85.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	157	79.0	(70.00 - 130.00)	7.4

QC Batch #54674 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.9	93.9	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	94.0	94.0	(85.00 - 115.00)	0.11
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	94.6	94.6	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	84.9	84.9	(70.00 - 130.00)	11

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Foster Wheeler Environmental, Inc
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QC Batch #54678 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	527	105.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	1.7
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	585	117.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	520	104.0	(70.00 - 130.00)	12

QC Batch #54682 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.3	91.5	(85.00 - 115.00)	0.55
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.1	101.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	11

QC Batch #54687 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0212	106.0	(85.00 - 115.00)	5.9
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0249	124.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	14

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				

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(continued)

MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 8, 1996

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

Attention: Mark Cutler

Re: Report # 28862 (MW-961-131, 132, 51, 52)

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):
The Cation-Anion balance for this sample was unacceptable. Re-analysis of cations did not change results. For Cr-VI, the MS/MSD recovery was outside of QC limits. For nitrate the LCS was outside of the control limit, but the MS/MSD were acceptable. The sample was re-run after holding times and results were the same as the original data. Original results are reported. Cis-DCE was recovered just below the 70% limit in one LCS. Arsenic was recovered high in one MS.

Samples requiring dilution (with increased MRL's):
Sample -51 was diluted for aluminum analysis. The same sample was analyzed for lead, but did not require elevating the MRL.

Method blanks with compounds detected:
Acetone was detected as a TIC in sample -131 at less than 10 ppb and in the blank

Other Comments:
Tributyl tin was analyzed by TOXSCAN. There were several TICs in one of the samples (131). Volatiles were detected in several samples.

Sincerely,

A Eaton

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
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Madison Division
1 Science Court
Madison, Wisconsin 53711
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Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT 08 1996

ADE*

Report#: 28862
JPL

Client: Montgomery Laboratories
Method: GC/FPD[1]
Date Extracted: September 17, 1996
Date Completed: September 18, 1996
Matrix: Liquid
Units: ng/L (pptr)

ToxScan Number: T-13877

Client Sample ID:	MW-96L-51 960829094	Reporting
ToxScan Lab ID:	T-13877-01-A	Limits
Analyte		
Tributyltin	5	2
TPT SUR (% recovery)	104	NA

Quality Control Report:

Analyte	Blank	Blank Spike % Recovery	Matrix Spike[2] % Recovery	Matrix Spike[2] Duplicate % Recovery
Tributyltin	ND	97	109	112
TPT SUR (% recovery)	68	70	58	56

1 Quantitative chemical analysis for tributyltin by pentyl derivatization using a Gas Chromatograph with a Flame Photometric Detector.
2 Spike of sample T-13878-06A
TPT SUR = Tripropyltin surrogate
ND = None Detected
NA = Not Applicable

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Laboratory
Report
#28862

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

Samples Received
29-aug-1996 18:14:16

MW-961-131 (960829092) Sampled on 08/29/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	08/30/96	54145	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	08/30/96	54145	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#28862

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	08/30/96	54145	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	08/30/96	54145	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	08/30/96	54145	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Toluene	0.5	ug/l	0.50	1
	08/30/96	54145	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	4.4 (B)	ug/L		1
			(EPA 524.2)	Unknown scan#417	1.4	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	92	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-961-132 (960829093) Sampled on 08/29/96

Regulated VOCs plus Lists 1&3

	09/04/96	53992	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/04/96	53992	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/04/96	53992	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/04/96	53992	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/04/96	53992	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/04/96	53992	(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	99	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-51 (960829094) Sampled on 08/29/96								
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	1100	ug/l	125	5
	09/09/96	54135	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	09/28/96		(ML/SM1040)	Anion Sum	4.27	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	38	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	4.87	meq/l	0.0010	1
	09/03/96	53953	(ML/EPA 300)	Chloride	9.7	mg/l	1.0	1
	09/12/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.504	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	08/30/96	53793	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/18/96		( )	GC Custom Analysis	See attach	NA	0.0000	1
	08/30/96		(ML/S2510B)	Specific Conductance	405	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	2900	ug/l	100	1
	09/12/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	195	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	4.4	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	12	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	43	mg/l	1.0	1
	08/30/96	54428	(ML/EPA 300.0)	Nitrate-N by IC	0.7	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	4.4	ug/l	2.0	5
	08/30/96		(ML/S4500H-B)	Lab pH	7.6	Units	0.0010	1
	09/03/96	53957	(ML/EPA 300)	Sulfate	36	mg/l	2.0	1
	09/04/96	53888	(ML/EPA 365.2)	Total phosphorus-P	0.12	mg/l	0.050	1
	09/02/96	53875	(ML/S2540C)	Total Dissolved Solids	280	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	09/04/96	53992	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(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
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/04/96	53992	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/04/96	53992	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.1	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m,p-Xylenes	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
	09/04/96	53992	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/04/96	53992	(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	99	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

MW-961-52 (960829095) Sampled on 08/29/96

09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Group Comments

(CUSTOMGC) Data for tributyltin submitted by Toxscan, Inc.

(960829094)

CATION

Reanalysis of cations does not allow for cation-anion balance.

CR-VI

MS/MSD recovery outside of QC limits due to matrix interference.

NO3

LCS out of control limit. MS/MSD within control limit. Sample was re-run after holding time. Result was consistent with the original data. See QIR-MET-96-19.

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Foster Wheeler Environmental, Inc

QC Batch #53793 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0462	92.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0474	94.8	(78.00 - 118.00)	2.6
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0329	65.8	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0353	70.6	(80.00 - 120.00)	7.0

QC Batch #53875 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	162	92.6	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	172	98.3	(85.00 - 115.00)	6.0
MBLK	Total Dissolved Solids	ND				

QC Batch #53888 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.48	96.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.49	98.0	(80.00 - 120.00)	2.1
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.389	97.2	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.405	101.2	(70.00 - 130.00)	4.0

QC Batch #53953 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.5	98.0	(90.00 - 110.00)	
LCS2	Chloride	25	24.5	98.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26.7	106.8	(80.00 - 120.00)	
MSD	Chloride	25	26.6	106.4	(80.00 - 120.00)	0.38

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 #53957 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	48.2	96.4	(90.00 - 110.00)	
LCS2	Sulfate	50	48.3	96.6	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	53.2	106.4	(70.00 - 130.00)	
MSD	Sulfate	50	53.1	106.2	(70.00 - 130.00)	0.19

QC Batch #53992 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	4.33	108.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.86	96.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.32	108.0	(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				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.90	97.5	(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	3.74	93.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.81	97.6	(70.00 - 130.00)	

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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	3.97	99.2	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.13	103.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.08	102.0	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.24	106.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.96	99.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.51	112.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.48	112.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.32	108.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.55	127.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.02	100.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.38	109.5	(70.00 - 130.00)

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MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.34	108.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.23	105.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.92	98.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.74	93.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.04	102.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.49	112.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.77	109.6	(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	4.03	100.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.33	108.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.00	100.0	(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	4.80	120.0	(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 #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54145 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.63	90.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.32	83.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.27	81.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.13	78.2	(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	3.61	90.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.11	77.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.14	78.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.06	75.8	(70.00 - 130.00)	

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

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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	3.31	82.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.39	84.8	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.79	94.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.49	87.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.84	96.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.53	88.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.13	78.2	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.58	89.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.69	84.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.34	83.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.14	103.5	(70.00 - 130.00)

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MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.59	89.8	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.67	91.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.15	78.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.72	93.0	(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	2.79	69.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	3.99	99.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.64	91.0	(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	2.88	72.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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QC Batch #54428 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.84	113.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	1.90	76.0	(90.00 - 110.00)	40
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	2.70	108.0	(80.00 - 120.00)	0.37

QC Batch #54670 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	196	98.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	190	95.0	(85.00 - 115.00)	3.1
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	169	85.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	157	79.0	(70.00 - 130.00)	7.4

QC Batch #54674 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.9	93.9	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	94.0	94.0	(85.00 - 115.00)	0.11
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	94.6	94.6	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	84.9	84.9	(70.00 - 130.00)	11

QC Batch #54678 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	527	105.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	1.7
MBLK	Iron, Total, ICAP/MS	ND		0.0		

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MS	Iron, Total, ICAP/MS	500	585	117.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	520	104.0	(70.00 - 130.00)	12

QC Batch #54682 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.3	91.5	(85.00 - 115.00)	0.55
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.1	101.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	11

QC Batch #54687 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0212	106.0	(85.00 - 115.00)	5.9
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0249	124.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	14

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

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

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Laboratory
QC Report
#28862

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON
SEP 20 1996
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Report#: 28877
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Laboratory
Report
#28877

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

Samples Received
30-aug-1996 13:19:43

MW-961-133 (960830049) Sampled on 08/30/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/04/96	53992	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/04/96	53992	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/04/96	53992	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Report
#28877

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/04/96	53992	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/04/96	53992	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	7.6	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Toluene	0.7	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/04/96	09/04/96		(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	116	% Rec		
			(Surrogate)	4-Bromofluorobenzene	108	% Rec		

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Laboratory
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#28877

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	93	% Rec		

MW-961-134 (960830050) Sampled on 08/30/96

Regulated VOCs plus Lists 1&3

09/05/96	54204	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
09/05/96	54204	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
09/05/96	54204	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
09/05/96	54204	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
09/05/96	54204	(ML/EPA 524.2)	Chloroform (Trichloromethane)	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
	09/05/96	54204	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/05/96	54204	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/05/96	54204	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/05/96	09/05/96		(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-88A (960830051) Sampled on 08/30/96								
				Regulated VOCs plus Lists 1&3				
	09/04/96	53992	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/04/96	53992	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/04/96	53992	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1

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Report
#28877

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/04/96	53992	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/04/96	53992	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/04/96	53992	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/04/96	53992	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/04/96	09/04/96		(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	82	% Rec		

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QC Report
#28877

Foster Wheeler Environmental, Inc

QC Batch #53992 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	4.33	108.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.86	96.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.32	108.0	(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				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.90	97.5	(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	3.74	93.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.81	97.6	(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	3.97	99.2	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.13	103.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Bromoform	4	4.08	102.0	(70.00 - 130.00)	
MBLK	Bromoform	ND				

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

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(continued)

MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.24	106.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.08	102.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.96	99.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.51	112.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.48	112.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.32	108.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.55	127.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.02	100.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.38	109.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.34	108.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.23	105.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.92	98.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.74	93.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.04	102.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.49	112.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			

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MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.77	109.6	(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	4.03	100.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.33	108.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.00	100.0	(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	4.80	120.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54204 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.85	96.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.33	83.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.20	105.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.68	117.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				

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(continued)

MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.86	96.5	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.94	98.5	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.03	75.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	5.73	71.6	(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	3.35	83.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.60	90.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.23	80.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.60	90.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.09	102.2	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.26	81.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.46	111.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.55	113.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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Foster Wheeler Environmental, Inc
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LCS1	Ethyl benzene	4	4.44	111.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.42	121.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.13	78.2	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.71	117.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.89	97.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.00	100.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.07	76.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	5.20	130.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.75	87.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.94	98.5	(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	3.82	95.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.56	114.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.78	94.5	(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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(continued)

MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.83	95.8	(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.

MONTGOMERY WATSON LABORATORIES

October 1, 1996

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

Attention: Mark Cutler

Re: Report # 28894 (MW-961-135, 136, 53, 54)

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):
There were low spike recoveries for both Acenapthene and pyrene in the LCS and one matrix spike. Samples were re-extracted past holding time and the original data from within holding time are reported (QIR MS-96-032). All volatiles were analyzed within holding times with acceptable QC.

Samples requiring dilution (with increased MRL's):
None.

Method blanks with compounds detected:
None. On 9/6/96 there was freon contamination in the laboratory. Freon detected as a TIC in sample -135 was considered an artifact and not reported.

Other Comments:
These samples were analyzed for all BN extractable compounds which includes the PAHs. Sample -53 was used as an MS and MSD for the PAHs. Volatiles were detected in several samples. Acetone was detected as a TIC at less than 10 ppb

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

QUALITY INVESTIGATION REPORT

QIR No. MS-96-032

Analysis Date: 9/11/96

Analysis: 8270 @ BN only

Extraction Date: 9/4/96

Matrix: WATER

Analyst: LLS

Instrument ID: GCMS-F

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
9609030 43	MW-961-135	Foster-Wheeler			
045	-53				
046	-54				
047 MS	-53 MS				
048 MSD	-53 MSD				

Brief Description: (include reason for non-compliance)

① The recoveries of Acenapthene and Pyrene in LCS and MSD are Low (MS-okay).
② The MSD Sample has low area (IS-d12 Perylene) less than 50% of CC.
The MSD sample-extract has darker color ~~in~~ compared to MS and original sample
~~③ All samples, blank and QC-samples (except MS) have low recovery of d5 Phenol Surrogate. → for @ BN-only IS OK.~~ COC
I talked to the extr-analyst the reasons probably due to N2-rate ~~too~~ fast blow down while blowing down the extracts.

Action Taken:
Reinject MSD twice to confirm; IS-d12 Perylene still low.

Impact on Data Quality: Suggest reextraction of entire set ~~past HT~~ (COC) past HT

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

Other: Re-extract past HT to verify orig data. enter orig data

Annotation:

Client Contact:

Extraction:	[illegible]	Date:	
Analyst:	LLS	Date:	9/12/96
Group Leader:	Cecilia [illegible]	Date:	9/13/96
QA Coordinator:	[illegible]	Date:	[illegible]
Project Manager:	[illegible]	Date:	9/13/96

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT -1 1996
ADE*
A Eaton

Report#: 28894
JPL

Laboratory
Report
#28894

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

Samples Received
03-sep-1996 15:12:40

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-135 (960903043) Sampled on 09/03/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/04/96	53890	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
BN Extractable								
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-(Methylbis(oxy))-bis-2-ch	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-Oxybis(2-chloroethane)	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2,4-Trichlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2-Diphenylhydrazine	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Bromophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Chlorophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2-Chloronaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Methylnaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Nitroaniline	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	3,3'-Dichlorobenzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/EPA 625)	3-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Chloroaniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthylene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Aniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(CLP)	bis(2-Chloroisopropyl)ether	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di(2-Ethylhexyl)phthalate	ND	ug/l	4.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)pyrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(b)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzylbutylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzidine	ND	ug/l	50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(g,h,i)perylene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(k)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Chrysene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dibenzo(a,h)anthracene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Dibenzofuran	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Diethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dimethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-butylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-octylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluorene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobutadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorocyclopentadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachloroethane	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Indeno(1,2,3-c,d)pyrene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(CLP)	Isophorone	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,4-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,6-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Naphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Nitrobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodimethylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodiphenylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodipropylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Phenanthrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Pyrene	ND	ug/l	5.0	1
			(Surrogate)	2-Fluorobiphenyl	85	% Rec		
			(Surrogate)	Nitrobenzene-d5	86	% Rec		
			(Surrogate)	Terphenyl-d14	73	% Rec		

Regulated VOCs plus Lists 1&3

	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	4.0	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	87	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-961-136 (960903044) Sampled on 09/03/96

Regulated VOCs plus Lists 1&3

	09/05/96	54204	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/05/96	54204	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/05/96	54204	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/05/96	54204	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/05/96	54204	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/05/96	54204	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/05/96	54204	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/05/96	54204	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/05/96	54204	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/05/96	54204	(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	90	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-961-53 (960903045) Sampled on 09/03/96

09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	180	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.95	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	53	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	5.26	meq/l	0.0010	1
	09/03/96	53953	(ML/EPA 300)	Chloride	14	mg/l	1.0	1
	09/12/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.567	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/04/96	53890	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/09/96		(ML/S2510B)	Specific Conductance	500	umho/cm	4.0	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	290	ug/l	100	1
	09/12/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	219	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.1	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	26	mg/l	1.0	1
	09/03/96	53956	(ML/EPA 300.0)	Nitrate-N by IC	1.7	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	24	ug/l	2.0	1
	09/04/96		(ML/S4500H-B)	Lab pH	7.6	Units	0.0010	1
	09/03/96	53957	(ML/EPA 300)	Sulfate	40	mg/l	2.0	1
	09/04/96	53888	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	300	mg/l	10	1
			BN Extractable					
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-(Methylbis(oxy))-bis-2-ch	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-Oxybis(2-chloroethane)	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2,4-Trichlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2-Diphenylhydrazine	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Bromophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Chlorophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2-Chloronaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Methylnaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Nitroaniline	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	3,3'-Dichlorobenzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/EPA 625)	3-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Chloroaniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthylene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Aniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(CLP)	bis(2-Chloroisopropyl)ether	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di(2-Ethylhexyl)phthalate	ND	ug/l	4.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)anthracene	ND	ug/l	5.0	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)pyrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(b)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzylbutylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(g,h,i)perylene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(k)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Chrysene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dibenzo(a,h)anthracene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Dibenzofuran	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Diethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dimethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-butylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-octylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluorene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobutadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorocyclopentadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachloroethane	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Indeno(1,2,3-c,d)pyrene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(CLP)	Isophorone	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,4-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,6-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Naphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Nitrobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodimethylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodiphenylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodipropylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Phenanthrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Pyrene	ND	ug/l	5.0	1
			(Surrogate)	2-Fluorobiphenyl	82	% Rec		
			(Surrogate)	Nitrobenzene-d5	75	% Rec		
			(Surrogate)	Terphenyl-d14	65	% Rec		

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
				Regulated VOCs plus Lists 1&3				
	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	0.9	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(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		
			(Surrogate)	Toluene-d8	100	% Rec		

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-54 (960903046) Sampled on 09/03/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
BN Extractable								
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-(Methylbis(oxy))-bis-2-ch	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-Oxybis(2-chloroethane)	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2,4-Trichlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2-Diphenylhydrazine	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Bromophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Chlorophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2-Chloronaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Methylnaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Nitroaniline	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	3,3'-Dichlorobenzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/EPA 625)	3-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Chloroaniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthylene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Aniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(CLP)	bis(2-Chloroisopropyl)ether	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di(2-Ethylhexyl)phthalate	ND	ug/l	4.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)pyrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(b)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzylbutylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(g,h,i)perylene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(k)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Chrysene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dibenzo(a,h)anthracene	ND	ug/l	10	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(ML/EPA 625)	Dibenzofuran	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Diethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dimethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-butylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-octylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluorene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobutadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorocyclopentadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachloroethane	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Indeno(1,2,3-c,d)pyrene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(CLP)	Isophorone	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,4-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,6-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Naphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Nitrobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodimethylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodiphenylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodipropylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Phenanthrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Pyrene	ND	ug/l	5.0	1
			(Surrogate)	2-Fluorobiphenyl	74	% Rec		
			(Surrogate)	Nitrobenzene-d5	72	% Rec		
			(Surrogate)	Terphenyl-d14	59	% Rec		

MW-961-53 MS (960903047) Sampled on 09/03/96

BN Extractable

09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-(Methylbis(oxy))-bis-2-ch	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-Oxybis(2-chloroethane)	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2,4-Trichlorobenzene	40.0	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2-Diphenylhydrazine	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	p-Dichlorobenzene (1,4-DCB)	37.0	ug/l	5.0	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Bromophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Chlorophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2-Chloronaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Methylnaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Nitroaniline	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	3,3'-Dichlorobenzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/EPA 625)	3-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Chloroaniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthene	36.4	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthylene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Aniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(CLP)	bis(2-Chloroisopropyl)ether	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di(2-Ethylhexyl)phthalate	ND	ug/l	4.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)pyrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(b)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzylbutylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(g,h,i)perylene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(k)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Chrysene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dibenzo(a,h)anthracene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Dibenzofuran	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Diethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dimethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-butylphthalate	38.6	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-octylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluorene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobutadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorocyclopentadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachloroethane	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Indeno(1,2,3-c,d)pyrene	ND	ug/l	10	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(CLP)	Isophorone	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,4-Dinitrotoluene	36.0	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,6-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Naphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Nitrobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodimethylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodiphenylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodipropylamine	37.9	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Phenanthrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Pyrene	36.4	ug/l	5.0	1
			(Surrogate)	2-Fluorobiphenyl	77	% Rec		
			(Surrogate)	Nitrobenzene-d5	78	% Rec		
			(Surrogate)	Terphenyl-d14	69	% Rec		

MW-961-53 MSD (960903048) Sampled on 09/03/96

BN Extractable

09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-(Methylbis(oxy))-bis-2-ch	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,1'-Oxybis(2-chloroethane)	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2,4-Trichlorobenzene	42.4	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	1,2-Diphenylhydrazine	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	p-Dichlorobenzene (1,4-DCB)	40.7	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Bromophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	4-Chlorophenylphenylether	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2-Chloronaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Methylnaphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	2-Nitroaniline	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	3,3'-Dichlorobenzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/EPA 625)	3-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Chloroaniline	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	4-Nitroaniline	ND	ug/l	20	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthene	2.3J	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Acenaphthylene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Aniline	ND	ug/l	5.0	1

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
09/04/96	09/11/96	54804	(ML/SW 8270)	Anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(CLP)	bis(2-Chloroisopropyl)ether	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di(2-Ethylhexyl)phthalate	ND	ug/l	4.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)anthracene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(a)pyrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(b)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzylbutylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzidine	ND	ug/l	50	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(g,h,i)perylene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Benzo(k)fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Chrysene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dibenzo(a,h)anthracene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/EPA 625)	Dibenzofuran	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Diethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Dimethylphthalate	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-butylphthalate	39.3	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Di-n-octylphthalate	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluoranthene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Fluorene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorobutadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachlorocyclopentadiene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Hexachloroethane	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Indeno(1,2,3-c,d)pyrene	ND	ug/l	10	1
09/04/96	09/11/96	54804	(CLP)	Isophorone	ND	ug/l	10	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,4-Dinitrotoluene	45.7	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	2,6-Dinitrotoluene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Naphthalene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Nitrobenzene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodimethylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodiphenylamine	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	N-Nitrosodipropylamine	24.5	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Phenanthrene	ND	ug/l	5.0	1
09/04/96	09/11/96	54804	(ML/SW 8270)	Pyrene	12.8	ug/l	5.0	1
			(Surrogate)	2-Fluorobiphenyl	100	% Rec		
			(Surrogate)	Nitrobenzene-d5	89	% Rec		

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate	) Terphenyl-d14	66	% Rec		

Group Comments

(BN) Low spike recoveries for acenaphthene and pyrene in the LCS and matrix spike. Samples reextracted past holding time Original data is reported. QIR-MS-96-032.

(960903043)

@BN

QC failed, see QIR-MS-96-032.
Reextract the samples passed holding time.

@VOASDWA

There was freon contamination in the lab when this sample was analyzed on 9/6/96. Freons detected as TIC's in this sample should be considered artifacts.

Laboratory
QC Report
#28894

Foster Wheeler Environmental, Inc

QC Batch #53888 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.48	96.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.49	98.0	(80.00 - 120.00)	2.1
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.389	97.2	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.405	101.2	(70.00 - 130.00)	4.0

QC Batch #53890 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0461	92.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0473	94.6	(78.00 - 118.00)	2.6
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0449	89.8	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0437	87.4	(80.00 - 120.00)	2.7

QC Batch #53953 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.5	98.0	(90.00 - 110.00)	
LCS2	Chloride	25	24.5	98.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26.7	106.8	(80.00 - 120.00)	
MSD	Chloride	25	26.6	106.4	(80.00 - 120.00)	0.38

QC Batch #53956 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.53	101.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.49	99.6	(90.00 - 110.00)	1.6
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.57	102.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.55	102.0	(80.00 - 120.00)	0.78

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #53957 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	48.2	96.4	(90.00 - 110.00)	
LCS2	Sulfate	50	48.3	96.6	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	53.2	106.4	(70.00 - 130.00)	
MSD	Sulfate	50	53.1	106.2	(70.00 - 130.00)	0.19

QC Batch #54102 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	158	90.3	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	164	93.7	(85.00 - 115.00)	3.7
MBLK	Total Dissolved Solids	ND				

QC Batch #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54204 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.85	96.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				

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

Foster Wheeler Environmental, Inc
(continued)

LCS1	1,1,2-Trichloroethane	4	3.33	83.2	(70.00 - 130.00)
MBLK	1,1,2-Trichloroethane	ND			
LCS1	1,1-Dichloroethane	4	4.20	105.0	(70.00 - 130.00)
MBLK	1,1-Dichloroethane	ND			
LCS1	1,1-Dichloroethylene	4	4.68	117.0	(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	3.86	96.5	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.94	98.5	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.03	75.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	5.73	71.6	(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	3.35	83.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.60	90.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.23	80.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.60	90.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.09	102.2	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.26	81.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			

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

Foster Wheeler Environmental, Inc
(continued)

MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.46	111.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.55	113.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.44	111.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.42	121.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	3.13	78.2	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.71	117.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.89	97.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.00	100.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.07	76.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	5.20	130.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.75	87.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.94	98.5	(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			

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

Foster Wheeler Environmental, Inc
(continued)

LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.82	95.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.56	114.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.78	94.5	(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	3.83	95.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54205 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.99	99.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.14	103.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.56	89.0	(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	4.29	107.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.75	93.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.72	93.0	(70.00 - 130.00)	

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

Foster Wheeler Environmental, Inc
(continued)

MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.35	91.9	(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	3.79	94.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.01	100.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.47	111.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.95	98.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.11	102.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.83	95.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.84	96.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.24	106.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.88	94.0	(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)

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

Foster Wheeler Environmental, Inc
(continued)

MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.44	111.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.02	100.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.03	100.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.68	92.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.48	112.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.67	83.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.42	85.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.41	105.1	(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	4.24	106.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.29	107.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.13	103.2	(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	3.27	81.8	(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.

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54670 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	196	98.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	190	95.0	(85.00 - 115.00)	3.1
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	169	85.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	157	79.0	(70.00 - 130.00)	7.4

QC Batch #54674 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.9	93.9	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	94.0	94.0	(85.00 - 115.00)	0.11
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	94.6	94.6	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	84.9	84.9	(70.00 - 130.00)	11

QC Batch #54678 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	527	105.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	1.7
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	585	117.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	520	104.0	(70.00 - 130.00)	12

QC Batch #54682 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.3	91.5	(85.00 - 115.00)	0.55
MBLK	Lead, Total, ICAP/MS	ND		0.0		

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

Foster Wheeler Environmental, Inc
(continued)

MS	Lead, Total, ICAP/MS	20	20.1	101.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	11

QC Batch #54687 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0212	106.0	(85.00 - 115.00)	5.9
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0249	124.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	14

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

QC Batch #54804 BN Extractable

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1'-(Methylbis(oxy))-bis-2-ch	ND				
MBLK	1,1'-Oxybis(2-chloroethane)	ND				
LCS1	1,2,4-Trichlorobenzene	100	92.1	92.1	(44.00 - 117.00)	
LCS2	1,2,4-Trichlorobenzene	100	NA		(44.00 - 117.00)	0.00
MBLK	1,2,4-Trichlorobenzene	ND				
MS	1,2,4-Trichlorobenzene	100	79.9	79.9	(39.00 - 196.00)	
MSD	1,2,4-Trichlorobenzene	100	84.8	84.8	(39.00 - 196.00)	6.0
MBLK	1,2-Diphenylhydrazine	ND				
MBLK	2,2'-Oxybis(2-chloropropane)	ND				
LCS1	2,4-Dinitrotoluene	100	86.3	86.3	(39.00 - 121.00)	
LCS2	2,4-Dinitrotoluene	100	NA		(39.00 - 121.00)	0.00
MBLK	2,4-Dinitrotoluene	ND				
MS	2,4-Dinitrotoluene	100	72.1	72.1	(24.00 - 96.00)	

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

Foster Wheeler Environmental, Inc
(continued)

MSD	2,4-Dinitrotoluene	100	91.4	91.4	(24.00 - 96.00)	24
MBLK	2,6-Dinitrotoluene	ND				
MBLK	2-Chloronaphthalene	ND				
MBLK	3,3'-Dichlorobenzidine	ND				
MBLK	4-Bromophenylphenylether	ND				
MBLK	4-Chlorophenylphenylether	ND				
LCS1	Acenaphthene	100	28.8	28.8	(47.00 - 102.00)	
LCS2	Acenaphthene	100	NA		(47.00 - 102.00)	0.00
MBLK	Acenaphthene	ND				
MS	Acenaphthene	100	72.7	72.7	(46.00 - 118.00)	
MSD	Acenaphthene	100	4.6	4.6	(46.00 - 118.00)	176
MBLK	Acenaphthylene	ND				
MBLK	Anthracene	ND				
MBLK	Benzidine	ND				
MBLK	Benzo(a)anthracene	ND				
MBLK	Benzo(a)pyrene	ND				
MBLK	Benzo(b)fluoranthene	ND				
MBLK	Benzo(g,h,i)perylene	ND				
MBLK	Benzo(k)fluoranthene	ND				
MBLK	Benzylbutylphthalate	ND				
MBLK	Chrysene	ND				
MBLK	Di(2-Ethylhexyl)phthalate	ND				
MBLK	Di-n-butylphthalate	ND				
MS	Di-n-butylphthalate	100	38.6	38.6	(11.00 - 117.00)	
MSD	Di-n-butylphthalate	100	39.3	39.3	(11.00 - 117.00)	1.8
MBLK	Di-n-octylphthalate	ND				
MBLK	Dibenzo(a,h)anthracene	ND				
MBLK	Diethylphthalate	ND				
MBLK	Dimethylphthalate	ND				
MBLK	Fluoranthene	ND				
MBLK	Fluorene	ND				
MBLK	Hexachlorobenzene	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Hexachlorocyclopentadiene	ND				
MBLK	Hexachloroethane	ND				
MBLK	Indeno(1,2,3-c,d)pyrene	ND				
MBLK	Isophorone	ND				
LCS1	N-Nitrosodi-N-propylamine	100	45.2	45.2	(21.00 - 110.00)	

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

Foster Wheeler Environmental, Inc
(continued)

LCS2	N-Nitrosodi-N-propylamine	100	NA		(21.00 - 110.00)	0.00
MS	N-Nitrosodi-N-propylamine	100	75.9	75.9	(41.00 - 116.00)	
MSD	N-Nitrosodi-N-propylamine	100	49.0	49.0	(41.00 - 116.00)	43
MBLK	N-Nitrosodimethylamine	ND				
MBLK	N-Nitrosodiphenylamine	ND				
MBLK	N-Nitrosodipropylamine	ND				
MBLK	Naphthalene	ND				
MBLK	Nitrobenzene	ND				
MBLK	Phenanthrene	ND				
LCS1	Pyrene	100	47.8	47.8	(52.00 - 115.00)	
LCS2	Pyrene	100	NA		(52.00 - 115.00)	0.00
MBLK	Pyrene	ND				
MS	Pyrene	100	72.8	72.8	(26.00 - 127.00)	
MSD	Pyrene	100	25.6	25.6	(26.00 - 127.00)	96
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	100	85.8	85.8	(25.00 - 99.00)	
LCS2	p-Dichlorobenzene (1,4-DCB)	100	NA		(25.00 - 99.00)	0.00
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MS	p-Dichlorobenzene (1,4-DCB)	100	74.0	74.0	(36.00 - 97.00)	
MSD	p-Dichlorobenzene (1,4-DCB)	100	81.4	81.4	(36.00 - 97.00)	9.5

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

MONTGOMERY WATSON LABORATORIES

October 1, 1996

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

Attention: Mark Cutler

Re: Report # 28938 (MW-961-137-38;-09 through 12)

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):
Cation/Anion balance was unacceptable in several samples. Re-analysis did not improve the balance. All volatiles were analyzed within holding times with acceptable QC.

Samples requiring dilution (with increased MRL's):
None.

Method blanks with compounds detected:
None.

Other Comments:
Volatiles were detected in several samples.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

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

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT - 1 1996
ADE*
A Eaton

Report#: 28938
JPL

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
#28938

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

Samples Received
04-sep-1996 15:08:38

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-137 (960904143) Sampled on 09/04/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/04/96	53890	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
			Regulated VOCs plus Lists 1&3					
	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(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
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(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	97	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-138 (960904144) Sampled on 09/04/96

Regulated VOCs plus Lists 1&3

	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/06/96	54205	(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
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(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	88	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	101	% Rec		
MW-961-09 (960904145)			**Sampled on 09/04/96**					
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	135	mg/l	2.0	1
	09/28/96		(ML/SM1040)	Anion Sum	3.33	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	17	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	3.81	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	9.0	mg/l	1.0	1
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	3.35	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/04/96	53890	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/09/96		(ML/S2510B)	Specific Conductance	340	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	650	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	163	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.2	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	8.3	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	51	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	0.3	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	8.5	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	17	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	210	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(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
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	101	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		
MW-961-10 (960904146) Sampled on 09/04/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
MW-961-11 (960904147) Sampled on 09/04/96								
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	55	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	3.08	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	0.011	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	8.9	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	3.63	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	9.2	mg/l	1.0	1
	09/16/96		(ML/S2320-B)	Carbonate as CO_3, Calculated	4.69	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/04/96	53890	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/09/96		(ML/S2510B)	Specific Conductance	340	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	100	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	144	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	1.2	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	1.3	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	70	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	8.7	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	20	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	200	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/06/96	54205	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/06/96	54205	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Dichloromethane	2.1	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/06/96	54205	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/06/96	54205	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/06/96	54205	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/06/96	54205	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/06/96	54205	(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	96	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-12 (960904148) Sampled on 09/04/96

09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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(960904145)
CATION
Reanalysis of cations does not allow for cation-anion balance.

(960904147)
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QC Batch #53890 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0461	92.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0473	94.6	(78.00 - 118.00)	2.6
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0449	89.8	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0437	87.4	(80.00 - 120.00)	2.7

QC Batch #54102 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	158	90.3	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	164	93.7	(85.00 - 115.00)	3.7
MBLK	Total Dissolved Solids	ND				

QC Batch #54105 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	0.40
MBLK	Chloride	ND				
MS	Chloride	25	26.8	107.2	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.00

QC Batch #54108 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.58	103.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	0.77
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	0.00

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

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QC Batch #54111 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	49.5	99.0	(90.00 - 110.00)	0.80
MBLK	Sulfate	ND				
MS	Sulfate	50	52.1	104.2	(70.00 - 130.00)	
MSD	Sulfate	50	52.3	104.6	(70.00 - 130.00)	0.38

QC Batch #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54205 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.99	99.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.25	106.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.14	103.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.56	89.0	(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	4.29	107.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.75	93.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.72	93.0	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.35	91.9	(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	3.79	94.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.01	100.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.47	111.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.95	98.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.18	104.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.11	102.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.83	95.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.84	96.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Ethyl benzene	4	4.24	106.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	1.88	94.0	(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	4.44	111.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.02	100.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.03	100.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.68	92.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.48	112.0	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.67	83.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.42	85.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.41	105.1	(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	4.24	106.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.29	107.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.13	103.2	(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	3.27	81.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

QC Batch #54670 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	196	98.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	190	95.0	(85.00 - 115.00)	3.1
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	169	85.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	157	79.0	(70.00 - 130.00)	7.4

QC Batch #54674 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.9	93.9	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	94.0	94.0	(85.00 - 115.00)	0.11
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	94.6	94.6	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	84.9	84.9	(70.00 - 130.00)	11

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #54678 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	527	105.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	1.7
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	585	117.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	520	104.0	(70.00 - 130.00)	12

QC Batch #54682 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.3	91.5	(85.00 - 115.00)	0.55
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.1	101.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	11

QC Batch #54687 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0212	106.0	(85.00 - 115.00)	5.9
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0249	124.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	14

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				

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(continued)

MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 1, 1996

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

Attention: Mark Cutler

Re: Report # 28988 (MW-961-139-40;-03 through 08)

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 times with acceptable QC.
Samples requiring dilution (with increased MRL's):
None.
Method blanks with compounds detected:
Acetone was detected as a TIC at less than 10 ppb in some samples and in the blank.
Other Comments:
Volatiles were detected in several samples, including carbon tetrachloride (over the MCL).

Sincerely,

A Eaton

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
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Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT -1 1996
ADE*

Report#: 28988
JPL

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Laboratory
Report
#28988

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

Samples Received
05-sep-1996 17:40:01

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-139 (960905106) Sampled on 09/05/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Laboratory
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#28988

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	3.2 (B)	ug/L		1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	1,2-Dichloroethane-d4	92	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-140 (960905107) Sampled on 09/05/96

Regulated VOCs plus Lists 1&3

	09/11/96	54440	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/11/96	54440	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/11/96	54440	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/11/96	54440	(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
	09/11/96	54440	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/11/96	54440	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	4.5 (B)	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	110	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	96	% Rec		
MW-961-07 (960905108)			**Sampled on 09/05/96**					
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	3.28	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	21	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	3.68	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	21	mg/l	1.0	1
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	7.38	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/09/96		(ML/S2510B)	Specific Conductance	335	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	590	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	143	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.0	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	9.4	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	41	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	0.2	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	8.9	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	13	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	190	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	0.6	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.6	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.8	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	98	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		
MW-961-08 (960905109) Sampled on 09/05/96								
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
MW-961-05 (960905110) Sampled on 09/05/96								
09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.25	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	47	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	4.60	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	11	mg/l	1.0	1
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	9.86	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1

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	09/09/96		(ML/S2510B)	Specific Conductance	430	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	160	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	191	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.6	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	16	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	20	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	0.8	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	8.9	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	33	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	260	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/11/96	54440	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/11/96	54440	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/11/96	54440	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.1	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromodichloromethane	1.4	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/11/96	54440	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/11/96	54440	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/11/96	54440	(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	100	% Rec		

MW-961-06 (960905111) Sampled on 09/05/96

09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

MW-961-03 (960905112) Sampled on 09/05/96

09/20/96	09/24/96	54670	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	140	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	3.61	meq/l	0.0010	1
09/20/96	09/24/96	54687	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	40	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	4.00	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	6.6	mg/l	1.0	1
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	1.75	mg/l	0.0010	1
09/20/96	09/24/96	54674	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/09/96		(ML/S2510B)	Specific Conductance	375	umho/cm	4.0	1
09/20/96	09/24/96	54678	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	170	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.6	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	14	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	18	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	0.6	mg/l	0.10	1
09/20/96	09/24/96	54682	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	8.2	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	28	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	230	mg/l	10	1

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Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/11/96	54440	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/11/96	54440	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/11/96	54440	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.2	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/11/96	54440	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/11/96	54440	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/11/96	54440	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/11/96	54440	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/11/96	54440	(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	100	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-04 (960905113) Sampled on 09/05/96								
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Group Comments

(524) B indicates that the analyte is also detected in the method blank.

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QC Batch #54002 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0469	93.8	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0469	93.8	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0444	88.8	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0432	86.4	(80.00 - 120.00)	2.7

QC Batch #54102 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	158	90.3	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	164	93.7	(85.00 - 115.00)	3.7
MBLK	Total Dissolved Solids	ND				

QC Batch #54105 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	0.40
MBLK	Chloride	ND				
MS	Chloride	25	26.8	107.2	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.00

QC Batch #54108 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.58	103.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	0.77
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	0.00

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

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QC Batch #54111 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	49.5	99.0	(90.00 - 110.00)	0.80
MBLK	Sulfate	ND				
MS	Sulfate	50	52.1	104.2	(70.00 - 130.00)	
MSD	Sulfate	50	52.3	104.6	(70.00 - 130.00)	0.38

QC Batch #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54440 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.89	97.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.28	107.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.14	103.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.12	103.0	(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	3.94	98.5	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.99	99.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.95	98.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.40	92.5	(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	4.07	101.8	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.04	101.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.95	98.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.22	105.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.39	109.7	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.11	102.8	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.63	90.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.46	111.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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

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Laboratory
QC Report
#28988

Foster Wheeler Environmental, Inc
(continued)

LCS1	Ethyl benzene	4	4.44	111.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.14	107.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.27	106.7	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.52	113.0	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.29	107.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.36	109.0	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.02	100.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.15	103.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.48	124.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.71	92.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.00	112.5	(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	4.20	105.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.62	115.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.98	99.5	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			

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Laboratory
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Foster Wheeler Environmental, Inc
(continued)

MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.89	97.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54446 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.55	88.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.40	85.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.68	92.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.38	84.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.67	91.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.37	84.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.00	75.0	(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				

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

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc
(continued)

LCS1	Benzene	4	3.48	87.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.54	88.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.30	82.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.72	93.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.83	95.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.41	85.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.50	87.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(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	3.64	91.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.69	92.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.70	92.5	(70.00 - 130.00)
MBLK	Toluene	ND			

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc
(continued)

LCS1	Trichloroethylene (TCE)	4	3.42	85.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.58	89.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.95	97.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.52	88.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.05	101.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.59	89.8	(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	3.60	90.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #54670 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	196	98.0	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	190	95.0	(85.00 - 115.00)	3.1
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	169	85.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	157	79.0	(70.00 - 130.00)	7.4

QC Batch #54674 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	93.9	93.9	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	94.0	94.0	(85.00 - 115.00)	0.11
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	94.6	94.6	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	84.9	84.9	(70.00 - 130.00)	11

QC Batch #54675 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	98.6	98.6	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	92.4	92.4	(85.00 - 115.00)	6.5
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	88.0	88.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	87.3	87.3	(70.00 - 130.00)	0.80

QC Batch #54678 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	527	105.4	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	1.7
MBLK	Iron, Total, ICAP/MS	ND		0.0		

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Foster Wheeler Environmental, Inc
(continued)

MS	Iron, Total, ICAP/MS	500	585	117.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	520	104.0	(70.00 - 130.00)	12

QC Batch #54682 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.2	91.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	18.3	91.5	(85.00 - 115.00)	0.55
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	20.1	101.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	11

QC Batch #54687 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0212	106.0	(85.00 - 115.00)	5.9
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0249	124.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0216	108.0	(85.00 - 115.00)	14

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

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

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Laboratory
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Foster Wheeler Environmental, Inc
(continued)

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 8, 1996

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

Attention: Mark Cutler

Re: Report # 29003 (MW-961-141;-27, 28, 75, 76, ~~58~~)

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):
Arsenic was recovered high in one MS.
Samples requiring dilution (with increased MRL's):
Samples were diluted for anion analysis. Some of these samples were also diluted for analysis of carbon tetrachloride and chloroform and TCE.
Method blanks with compounds detected:
None
Other Comments:
Tributyl tin was analyzed by TOXSCAN.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

555 East Walnut Street
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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT 08 1996

ADE*
A Eaton

Report#: 29003
JPL

29005

Client:	Montgomery Laboratories	ToxScan Number: T-13896
Method:	GC/FPD[1]	
Date Extracted:	September 24, 1996	
Date Completed:	September 25, 1996	
Matrix:	Liquid	
Units:	ng/L (pptr)	

Client Sample ID:	MW-961-53 960906123	Reporting
ToxScan Lab ID:	T-13896-01-A	Limits
Analyte		
Tributyltin	ND	3
TPT SUR (% recovery)	100	NA

Quality Control Report:

Analyte	Blank	Blank Spike % Recovery	Matrix Spike[2] % Recovery	Matrix Spike[2] Duplicate % Recovery
Tributyltin	ND	56	63	62
TPT SUR (% recovery)	92	73	99	96

1 Quantitative chemical analysis for tributyltin by pentyl derivatization using a Gas Chromatograph with a Flame Photometric Detector.
TPT SUR = Tripropyltin surrogate
Spike of Sample T-13905-01-B
ND = None Detected
NA = Not Applicable

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Laboratory
Report
#29003

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

Samples Received
06-sep-1996 15:08:34

MW-961-141 (960906118) Sampled on 09/06/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.0	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	99	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	101	% Rec		
MW-961-27 (960906119)			**Sampled on 09/06/96**					
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	6.94	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	76	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	7.29	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	82	mg/l	2.0	2
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.189	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	50	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/09/96		(ML/S2510B)	Specific Conductance	730	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	640	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	146	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.0	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	27	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	11	mg/l	0.20	2
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	7.3	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	69	mg/l	4.0	2
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	0.08	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	440	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	98	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		
MW-961-28 (960906120) Sampled on 09/06/96								
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
MW-961-75 (960906121) Sampled on 09/06/96								
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	110	ug/l	50	1
	09/09/96	54135	(ML/S2320B)	Alkalinity	135	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.98	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	51	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	5.35	meq/l	0.0010	1
	09/06/96	54105	(ML/EPA 300)	Chloride	20	mg/l	2.0	2
	09/16/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.339	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	18	ug/l	10	1
	09/06/96	54002	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1

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	09/12/96		(ML/S2510B)	Specific Conductance	520	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	420	ug/l	100	1
	09/16/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	165	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	20	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	25	mg/l	1.0	1
	09/06/96	54108	(ML/EPA 300.0)	Nitrate-N by IC	13	mg/l	0.20	2
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	7.5	Units	0.0010	1
	09/06/96	54111	(ML/EPA 300)	Sulfate	38	mg/l	4.0	2
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/06/96	54102	(ML/S2540C)	Total Dissolved Solids	330	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	2.2	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	2.4	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1

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Foster Wheeler Environmental, Inc
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	125	ug/l	5.0	10
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	40	ug/l	5.0	10
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.3	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	33	ug/l	5.0	10

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	2.0	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	99	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-961-76 (960906122) Sampled on 09/06/96

09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

MW-961-53 (960906123) Sampled on 09/06/96

	09/18/96		( )	GC Custom Analysis	See attach	NA	0.0000	1

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Comments
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Group Comments

(CUSTOMGC) Data for tributyltin submitted by Toxscan, Inc.

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QC Batch #54002 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0469	93.8	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0469	93.8	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0444	88.8	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0432	86.4	(80.00 - 120.00)	2.7

QC Batch #54102 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	158	90.3	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	164	93.7	(85.00 - 115.00)	3.7
MBLK	Total Dissolved Solids	ND				

QC Batch #54105 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.2	100.8	(90.00 - 110.00)	0.40
MBLK	Chloride	ND				
MS	Chloride	25	26.8	107.2	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.00

QC Batch #54108 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.58	103.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.60	104.0	(90.00 - 110.00)	0.77
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.54	101.6	(80.00 - 120.00)	0.00

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

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QC Batch #54111 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.9	99.8	(90.00 - 110.00)	
LCS2	Sulfate	50	49.5	99.0	(90.00 - 110.00)	0.80
MBLK	Sulfate	ND				
MS	Sulfate	50	52.1	104.2	(70.00 - 130.00)	
MSD	Sulfate	50	52.3	104.6	(70.00 - 130.00)	0.38

QC Batch #54135 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	94.9	99.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93.0	97.0	(90.00 - 110.00)	2.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	97.0	100.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	8.6

QC Batch #54446 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.55	88.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.40	85.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.68	92.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				

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MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	3.38	84.5	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.67	91.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.37	84.2	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.00	75.0	(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	3.48	87.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.54	88.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.30	82.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.72	93.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.83	95.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.41	85.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.50	87.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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LCS1	Ethyl benzene	4	3.90	97.5	(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	3.64	91.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.69	92.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.70	92.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.42	85.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.58	89.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.95	97.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.52	88.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.05	101.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.59	89.8	(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	3.60	90.0	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

QC Batch #54671 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	201	100.5	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	188	94.0	(85.00 - 115.00)	6.7
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	150	75.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	193	97.0	(70.00 - 130.00)	25

QC Batch #54675 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	98.6	98.6	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	92.4	92.4	(85.00 - 115.00)	6.5
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	88.0	88.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	87.3	87.3	(70.00 - 130.00)	0.80

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QC Batch #54679 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	553	110.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	2.9
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	515	103.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	510	102.0	(70.00 - 130.00)	0.98

QC Batch #54683 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.4	92.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	6.3
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	18.5	93.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.2	96.0	(70.00 - 130.00)	3.7

QC Batch #54688 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	0.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0237	118.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0210	105.0	(85.00 - 115.00)	12

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				

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MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 8, 1996

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

Attention: Mark Cutler

Re: Report # 29031 (MW-961-142, 37, 38, 39, 40, 61, 62, 61 MS/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):
Arsenic was recovered high in one MS.
Samples requiring dilution (with increased MRL's):
Sample - 61 was diluted for analysis of TCE, Carbon Tetrachloride, and Chloroform. Sample -37 was diluted for analysis of anions.
Method blanks with compounds detected:
None
Other Comments:
Tributyl tin was analyzed by TOXSCAN. Sample -61 was used as n MS and MSD for tributyl tin. Volatiles were detected in several samples over the MCL.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

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1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT 03 1996

A Eaton

Report#: 29031
JPL

29031

Client:	Montgomery Laboratories	ToxScan Number: T-13905
Method:	GC/FPD[1]	
Date Extracted:	September 24, 1996	
Date Completed:	September 25, 1996	
Matrix:	Liquid	
Units:	ng/L (pptr)	

Client Sample ID:	MW-961-61 960909050	MW-961-62 960909051	Reporting
ToxScan Lab ID:	T-13905-01-A	T-13905-02-A	Limits
Analyte			
Tributyltin	ND	ND	3
TPT SUR (% recovery)	110	96	NA

Quality Control Report:

Analyte	Blank	Blank Spike % Recovery	Matrix Spike[2] % Recovery	Matrix Spike[2] Duplicate % Recovery
Tributyltin	ND	56	63	62
TPT SUR (% recovery)	92	73	99	96

1 Quantitative chemical analysis for tributyltin by pentyl derivatization using a Gas Chromatograph with a Flame Photometric Detector.
TPT SUR = Tripropyltin surrogate
Spike of Sample T-13905-01-B
ND = None Detected
NA = Not Applicable

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Laboratory
Report
#29031

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

Samples Received
09-sep-1996 15:36:35

MW-961-142 (960909049) Sampled on 09/09/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#29031

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.9	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	98	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	101	% Rec		
MW-961-61 (960909050)			**Sampled on 09/09/96**					
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	92	ug/l	50	1
	09/11/96	54407	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	5.96	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	63	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	6.25	meq/l	0.0010	1
	09/11/96	54272	(ML/EPA 300)	Chloride	24	mg/l	2.0	2
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.318	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	46	ug/l	10	1
	09/10/96	54331	(ML/SW 7196)	Hexavalent chromium	0.047	mg/l	0.005	1
	09/24/96		( )	GC Custom Analysis	See attach	NA	0.0000	1
	09/12/96		(ML/S2510B)	Specific Conductance	605	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	230	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	195	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.9	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	23	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	26	mg/l	1.0	1
	09/11/96	54278	(ML/EPA 300.0)	Nitrate-N by IC	9.9	mg/l	0.20	2
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	7.4	Units	0.0010	1
	09/11/96	54281	(ML/EPA 300)	Sulfate	66	mg/l	4.0	2
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	0.05	mg/l	0.050	1
	09/13/96	54474	(ML/S2540C)	Total Dissolved Solids	370	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	1.5	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	2.5	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	21	ug/l	2.5	5
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	21	ug/l	2.5	5
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.6	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	47	ug/l	2.5	5
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	0.7	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(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	97	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		
MW-961-62 (960909051)			**Sampled on 09/09/96**					
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	44	ug/l	10	1
	09/18/96		( )	GC Custom Analysis	See attach	NA	0.0000	1
MW-961-61-MS (960909052)			**Sampled on 09/09/96**					
	09/24/96		( )	GC Custom Analysis	see attach	NA	0.0000	1

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Laboratory
Report
#29031

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-61-MSD (960909053)				**Sampled on 09/09/96**				
	09/24/96		( )	GC Custom Analysis	see attach	NA	0.0000	1
MW-961-37 (960909054)				**Sampled on 09/09/96**				
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	190	ug/l	50	1
	09/11/96	54407	(ML/S2320B)	Alkalinity	190	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	7.50	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	83	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	7.61	meq/l	0.0010	1
	09/11/96	54272	(ML/EPA 300)	Chloride	43	mg/l	2.0	2
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.151	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	11	ug/l	10	1
	09/10/96	54331	(ML/SW 7196)	Hexavalent chromium	0.010	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	730	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	190	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	232	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.0	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	30	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	21	mg/l	1.0	1
	09/11/96	54278	(ML/EPA 300.0)	Nitrate-N by IC	9.8	mg/l	0.20	2
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/11/96		(ML/S4500H-B)	Lab pH	7.0	Units	0.0010	1
	09/11/96	54281	(ML/EPA 300)	Sulfate	86	mg/l	4.0	2
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	0.05	mg/l	0.050	1
	09/13/96	54474	(ML/S2540C)	Total Dissolved Solids	440	mg/l	10	1
				Regulated VOCs plus Lists 1&3				
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	0.7	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.4	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	18	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	1.2	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		
MW-961-38 (960909055)			**Sampled on 09/09/96**					
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	20	ug/l	10	1
MW-961-39 (960909056)			**Sampled on 09/09/96**					
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	12	ug/l	10	1
	09/10/96	54331	(ML/SW 7196)	Hexavalent chromium	0.017	mg/l	0.005	1
			Regulated VOCs plus Lists 1&3					
	09/12/96	54446	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(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
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/12/96	54446	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/12/96	54446	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Carbon Tetrachloride	0.7	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.6	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96	54446	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/12/96	54446	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/12/96	54446	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.6	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichloroethylene (TCE)	20	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	1.3	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/12/96	54446	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

MW-961-40 (960909057) Sampled on 09/09/96

09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Report
Comments
#29031

Group Comments

TBT analyzed by Toxscan, Inc. Copy of their report attached

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Laboratory
QC Report
#29031

Foster Wheeler Environmental, Inc

QC Batch #54272 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.8	99.2	(90.00 - 110.00)	
LCS2	Chloride	25	24.8	99.2	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26.9	107.6	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.37

QC Batch #54278 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.59	103.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	2.7
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.57	102.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	0.39

QC Batch #54281 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Sulfate	50	48.8	97.6	(90.00 - 110.00)	0.61
MBLK	Sulfate	ND				
MS	Sulfate	50	53.2	106.4	(70.00 - 130.00)	
MSD	Sulfate	50	53.1	106.2	(70.00 - 130.00)	0.19

QC Batch #54331 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0460	92.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0484	96.8	(78.00 - 118.00)	5.1
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0435	87.0	(80.00 - 120.00)	5.6

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

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Laboratory
QC Report
#29031

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54407 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	103	107.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93	96.7	(90.00 - 110.00)	10
MBLK	Alkalinity	ND				
MS	Alkalinity	227	245	107.9	(80.00 - 120.00)	
MSD	Alkalinity	227	245	107.9	(80.00 - 120.00)	0.00

QC Batch #54446 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.55	88.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.78	94.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.40	85.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.68	92.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.38	84.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.67	91.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.37	84.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.00	75.0	(70.00 - 130.00)	

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

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	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	3.48	87.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.54	88.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.30	82.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.72	93.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.83	95.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.41	85.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.50	87.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(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	3.64	91.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)

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QC Report
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Foster Wheeler Environmental, Inc
(continued)

MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.69	92.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.70	92.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.42	85.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	3.58	89.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.95	97.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.52	88.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.92	99.0	(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	3.68	92.0	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.05	101.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	3.59	89.8	(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	3.60	90.0	(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 #54474 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	156	89.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	162	92.6	(85.00 - 115.00)	3.8
MBLK	Total Dissolved Solids	ND				

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

QC Batch #54671 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	201	100.5	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	188	94.0	(85.00 - 115.00)	6.7
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	150	75.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	193	97.0	(70.00 - 130.00)	25

QC Batch #54675 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	98.6	98.6	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	92.4	92.4	(85.00 - 115.00)	6.5
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	88.0	88.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	87.3	87.3	(70.00 - 130.00)	0.80

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #54679 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	553	110.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	2.9
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	515	103.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	510	102.0	(70.00 - 130.00)	0.98

QC Batch #54683 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.4	92.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	6.3
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	18.5	93.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.2	96.0	(70.00 - 130.00)	3.7

QC Batch #54688 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	0.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0237	118.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0210	105.0	(85.00 - 115.00)	12

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				

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MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 10, 1996

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

Attention: Mark Cutler

Re: Report # 29055 (MW-961-143;-25 through 32; 73-74) revised

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):
The cation/anion balance was unacceptable on 961-29 and 25, but re-analysis did not improve results. MTBE was recovered slightly high in the LCS. This group includes samples which had appparent Cr-VI between 5 (new CRDL) and 10 ppb (the old CRDL). Because these samples were originally considered ND, a turbidity blank was not run at the time. A turbidity blank correction performed on October 9, 1996 demonstrated that the values were probably non-detect at 5 ppb because the turbidity blank exceeded the original measured absorbance. These results are therefore flagged with a J (for estimated) in the database.

Samples requiring dilution (with increased MRL's):
Several samples were diluted for analysis of carbon tetrachloride, but other volatiles in the samples were reported from the neat analysis.

Method blanks with compounds detected:
Acetone was detected as a TIC at less than 10 ppb in some samples and in the blank.

Other Comments:
Freon and Chloroform were detected in sample -143. Hexavalent chrome was detected in one sample (-31). Several volatiles, including carbon tetrachloride and TCE were detected in -29 and -31 Sample -25 was used as an MS and MSD for volatiles.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
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Madison Division
1 Science Court
Madison, Wisconsin 53711
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Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON
OCT -1 1996
ADE*

Report#: 29055
JPL

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Laboratory Report #29055

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

Samples Received
10-sep-1996 15:14:41

MW-961-143 (960910122) Sampled on 09/10/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#29055

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	0.5	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Acetone	3.4 (B)	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	93	% Rec		
			(Surr gate)	4-Bromofluorobenzene	98	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	100	% Rec		
MW-961-29 (960910123)			**Sampled on 09/10/96**					
09/21/96	09/24/96	54671	(EPA/ML 200.8 *)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/11/96	54407	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	09/28/96		(ML/SM1040)	Anion Sum	4.18	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9 *)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	52	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	5.02	meq/l	0.0010	1
	09/11/96	54272	(ML/EPA 300)	Chloride	19	mg/l	2.0	2
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.378	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8 *)	Chromium, Total, ICAP/MS	13	ug/l	10	1
	09/10/96	54607	(ML/SW 7196 *)	Hexavalent chromium	0.007	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	470	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	340	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	146	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.8	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	18	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	20	mg/l	1.0	1
	09/11/96	54278	(ML/EPA 300.0)	Nitrate-N by IC	6.0	mg/l	0.20	2
09/21/96	09/24/96	54683	(EPA/ML 200.8 *)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.6	Units	0.0010	1
	09/11/96	54281	(ML/EPA 300)	Sulfate	39	mg/l	4.0	2
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/13/96	54474	(ML/S2540C)	Total Dissolved Solids	280	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/16/96	54456	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethylene	1.1	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(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
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloroethane	1.2	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/16/96	54456	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/16/96	54456	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Carbon Tetrachloride	90	ug/l	5.0	10
	09/16/96	54456	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroform (Trichloromethane)	13	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/16/96	54456	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.8	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichloroethylene (TCE)	39	ug/l	5.0	10
	09/16/96	54456	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	7.2	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/16/96	54456	(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	98	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		
MW-961-30 (960910124)			**Sampled on 09/10/96**					
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	10	ug/l	10	1
MW-961-31 (960910125)			**Sampled on 09/10/96**					
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	12	ug/l	10	1
	09/10/96	54607	(ML/SW 7196)	Hexavalent chromium	0.011	mg/l	0.005	1
			Regulated VOCs plus Lists 1&3					
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	1.3	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	1.4	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/16/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	87	ug/l	5.0	10
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	14	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(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
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.9	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	38	ug/l	5.0	10
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	8.8	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(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	97	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-961-32 (960910126) Sampled on 09/10/96

09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

MW-961-25 (960910127) Sampled on 09/10/96

09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/11/96	54407	(ML/S2320B)	Alkalinity	110	mg/l	2.0	1
	09/28/96		(ML/SM1040)	Anion Sum	3.13	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	38	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	3.61	meq/l	0.0010	1
	09/11/96	54272	(ML/EPA 300)	Chloride	8.0	mg/l	1.0	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.219	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/10/96	54607	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	315	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	190	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	134	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.7	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	12	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	15	mg/l	1.0	1
	09/11/96	54278	(ML/EPA 300.0)	Nitrate-N by IC	1.7	mg/l	0.10	1
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.4	Units	0.0010	1
	09/11/96	54281	(ML/EPA 300)	Sulfate	28	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/13/96	54474	(ML/S2540C)	Total Dissolved Solids	190	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	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
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(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	92	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-26 (960910128) Sampled on 09/10/96

09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

MW-961-25 MS (960910129) Sampled on 09/10/96

Regulated VOCs plus Lists 1&3

	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	4.35	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.70	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.61	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	4.67	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	4.72	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	5.46	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.18	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	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
	09/13/96	54457	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.57	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	5.25	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	93	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	107	% Rec		

MW-961-25 MSD (960910130) Sampled on 09/10/96

Regulated VOCs plus Lists 1&3

	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	4.34	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.58	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.64	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	4.60	ug/l	0.50	1

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Laboratory
Report
#29055

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	4.64	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	5.39	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.24	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.62	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	5.17	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		
MW-961-73 (960910131)			**Sampled on 09/10/96**					
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/18/96	54496	(ML/S2320B)	Alkalinity	165	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.66	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	51	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	5.07	meq/l	0.0010	1
	09/11/96	54272	(ML/EPA 300)	Chloride	17	mg/l	1.0	1
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.824	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/10/96	54607	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	440	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	201	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.1	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	24	mg/l	1.0	1
	09/11/96	54278	(ML/EPA 300.0)	Nitrate-N by IC	1.3	mg/l	0.10	1
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.8	Units	0.0010	1
	09/11/96	54281	(ML/EPA 300)	Sulfate	38	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/13/96	54474	(ML/S2540C)	Total Dissolved Solids	290	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-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
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(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
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

MW-961-74 (960910132) Sampled on 09/10/96

09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Report
Comments
#29055

(960910123)
CATION
Reanalysis of cations does not allow for cation-anion balance.

(960910127)
CATION
Reanalysis of cations does not allow for cation-anion balance.

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Laboratory
QC Report
#29055

Foster Wheeler Environmental, Inc

QC Batch #54272 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.8	99.2	(90.00 - 110.00)	
LCS2	Chloride	25	24.8	99.2	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26.9	107.6	(80.00 - 120.00)	
MSD	Chloride	25	26.8	107.2	(80.00 - 120.00)	0.37

QC Batch #54278 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.59	103.6	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.52	100.8	(90.00 - 110.00)	2.7
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.57	102.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	0.39

QC Batch #54281 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	49.1	98.2	(90.00 - 110.00)	
LCS2	Sulfate	50	48.8	97.6	(90.00 - 110.00)	0.61
MBLK	Sulfate	ND				
MS	Sulfate	50	53.2	106.4	(70.00 - 130.00)	
MSD	Sulfate	50	53.1	106.2	(70.00 - 130.00)	0.19

QC Batch #54407 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	103	107.1	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	93	96.7	(90.00 - 110.00)	10
MBLK	Alkalinity	ND				
MS	Alkalinity	227	245	107.9	(80.00 - 120.00)	
MSD	Alkalinity	227	245	107.9	(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 #54456 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.42	110.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.29	107.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.48	112.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.59	114.8	(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	4.21	105.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.44	111.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.62	95.2	(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	3.94	98.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.13	103.2	(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
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MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.31	107.7	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.99	99.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.72	118.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.50	112.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.36	109.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.97	124.2	(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	2.49	124.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.32	108.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.98	124.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.38	109.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.45	111.2	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.88	97.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.13	103.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.26	113.0	(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	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.53	88.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.62	120.2	(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	4.33	108.2	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.95	123.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.27	106.7	(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	4.19	104.8	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54457 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	4.12	103.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.47	111.8	(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	4.13	103.2	(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	4.22	105.5	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.28	107.0	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.19	104.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	7.77	97.1	(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	4.17	104.2	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.36	109.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.29	107.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.45	111.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.86	121.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.49	112.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.91	97.8	(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	4.80	120.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.83	120.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.20	110.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	5.26	131.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	5.01	125.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.54	113.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.63	115.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.15	103.8	(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	2.47	123.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.84	96.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.66	120.8	(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	4.38	109.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.00	125.0	(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	4.17	104.2	(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	4.02	100.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54474 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	156	89.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	162	92.6	(85.00 - 115.00)	3.8
MBLK	Total Dissolved Solids	ND				

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				
MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

QC Batch #54496 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	95	98.8	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96	99.8	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	95	98.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	94	97.7	(80.00 - 120.00)	1.1

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 #54607 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0460	92.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0484	96.8	(78.00 - 118.00)	5.1
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0460	92.0	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0435	87.0	(80.00 - 120.00)	5.6

QC Batch #54671 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	201	100.5	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	188	94.0	(85.00 - 115.00)	6.7
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	150	75.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	193	97.0	(70.00 - 130.00)	25

QC Batch #54675 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	98.6	98.6	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	92.4	92.4	(85.00 - 115.00)	6.5
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	88.0	88.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	87.3	87.3	(70.00 - 130.00)	0.80

QC Batch #54679 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	553	110.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	2.9
MBLK	Iron, Total, ICAP/MS	ND		0.0		

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Foster Wheeler Environmental, Inc
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MS	Iron, Total, ICAP/MS	500	515	103.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	510	102.0	(70.00 - 130.00)	0.98

QC Batch #54683 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.4	92.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	6.3
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	18.5	93.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.2	96.0	(70.00 - 130.00)	3.7

QC Batch #54688 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	0.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0237	118.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0210	105.0	(85.00 - 115.00)	12

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

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 #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

MONTGOMERY WATSON LABORATORIES

October 10, 1996

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

Attention: Mark Cutler

Re: Report # 29103 (MW-961-144;-01,02, 33-36) revised

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):
The cation/anion balance was unacceptable on 961-01 but re-analysis did not improve results. Fe was recovered low in one MS. MTBE was recovered slightly high in the LCS. This group includes samples which had appparent Cr-VI between 5 (new CRDL) and 10 ppb (the old CRDL). Because these samples were originally considered ND, a turbidity blank was not run at the time. A turbidity blank correction performed on October 9, 1996 demonstrated that the values were probably non-detect at 5 ppb because the turbidity blank exceeded the original measured absorbance. These results are therefore flagged with a J (for estimated) in the database.

Samples requiring dilution (with increased MRL's):
None

Method blanks with compounds detected:
None

Other Comments:
Carbon Tetrachloride was detected over the MCL in -33 along with other volatiles. Sample -33 was used as an MS and MSD for volatiles.

Sincerely,

A Eaton

Andrew Eaton, PhD
Laboratory Director

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Quality Environmental Analysis

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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

MONTGOMERY WATSON LABS.
SUBMITTED ON

OCT -1 1996

ADE*

Report#: 29103
JPL

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Laboratory
Report
#29103

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

Samples Received
11-sep-1996 15:47:29

MW-961-144 (960911091) Sampled on 09/11/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#29103

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(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	96	% Rec		

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	105	% Rec		
MW-961-01 (960911092) Sampled on 09/11/96								
09/21/96	09/24/96	54671	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	ND	ug/l	50	1
	09/18/96	54496	(ML/S2320B)	Alkalinity	165	mg/l	2.0	1
	09/28/96		(ML/SM1040)	Anion Sum	4.47	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	49	mg/l	1.0	1
	09/28/96		(ML/SM1040)	Cation Sum	4.98	meq/l	0.0010	1
	09/13/96	54590	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.655	mg/l	0.0010	1
09/21/96	09/24/96	54675	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/11/96	54164	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	400	umho/cm	4.0	1
09/21/96	09/24/96	54679	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	201	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.1	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	15	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	09/13/96	54594	(ML/EPA 300.0)	Nitrate-N by IC	1.2	mg/l	0.10	1
09/21/96	09/24/96	54683	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.7	Units	0.0010	1
	09/13/96	54596	(ML/EPA 300)	Sulfate	36	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/17/96	54659	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(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
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(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	94	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		
MW-961-02 (960911093) Sampled on 09/11/96								
09/21/96	09/24/96	54676	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
MW-961-35 (960911094) Sampled on 09/11/96								
09/21/96	09/24/96	54672	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	110	ug/l	50	1
	09/18/96	54496	(ML/S2320B)	Alkalinity	160	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	4.37	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	49	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	4.77	meq/l	0.0010	1
	09/13/96	54590	(ML/EPA 300)	Chloride	14	mg/l	1.0	1
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.253	mg/l	0.0010	1
09/21/96	09/24/96	54676	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/11/96	54164	(ML/SW 7196)	Hexavalent chromium	ND	mg/l	0.005	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/12/96		(ML/S2510B)	Specific Conductance	385	umho/cm	4.0	1
09/21/96	09/24/96	54680	(EPA/ML 200.8)	Iron, Total, ICAP/MS	150	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	195	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	3.3	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	15	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	23	mg/l	1.0	1
	09/13/96	54594	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
09/21/96	09/24/96	54684	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.3	Units	0.0010	1
	09/13/96	54596	(ML/EPA 300)	Sulfate	37	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	ND	mg/l	0.050	1
	09/17/96	54659	(ML/S2540C)	Total Dissolved Solids	270	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1

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Laboratory
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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(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	92	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		
MW-961-36 (960911095) Sampled on 09/11/96								
09/21/96	09/24/96	54676	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
MW-961-33 (960911096) Sampled on 09/11/96								
09/21/96	09/24/96	54672	(EPA/ML 200.8)	Aluminum, Total, ICAP/MS	160	ug/l	50	1
	09/18/96	54496	(ML/S2320B)	Alkalinity	120	mg/l	2.0	1
	09/27/96		(ML/SM1040)	Anion Sum	3.61	meq/l	0.0010	1
09/21/96	09/24/96	54688	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	09/25/96	54774	(ML/S3111B)	Calcium, Flame AA	42	mg/l	1.0	1
	09/26/96		(ML/SM1040)	Cation Sum	3.34	meq/l	0.0010	1
	09/13/96	54590	(ML/EPA 300)	Chloride	14	mg/l	1.0	1
	09/25/96		(ML/S2320-B)	Carbonate as CO3, Calculated	0.189	mg/l	0.0010	1
09/21/96	09/24/96	54676	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	09/11/96	54164	(ML/SW 7196)	Hexavalent chromium	0.009	mg/l	0.005	1
	09/12/96		(ML/S2510B)	Specific Conductance	335	umho/cm	4.0	1
09/21/96	09/24/96	54680	(EPA/ML 200.8)	Iron, Total, ICAP/MS	140	ug/l	100	1
	09/25/96		(ML/S2320B)	Bicarbonate as HCO3,calculated	146	mg/l	0.0010	1
	09/25/96	54769	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	09/25/96	54771	(ML/S3111B)	Magnesium, Flame AA	13	mg/l	1.0	1
	09/25/96	54770	(ML/S3111B)	Sodium, Flame AA	2.5	mg/l	1.0	1
	09/13/96	54594	(ML/EPA 300.0)	Nitrate-N by IC	2.3	mg/l	0.10	1
09/21/96	09/24/96	54684	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	09/17/96		(ML/S4500H-B)	Lab pH	7.3	Units	0.0010	1
	09/13/96	54596	(ML/EPA 300)	Sulfate	31	mg/l	2.0	1
	09/17/96	54475	(ML/EPA 365.2)	Total phosphorus-P	0.06	mg/l	0.050	1
	09/17/96	54659	(ML/S2540C)	Total Dissolved Solids	230	mg/l	10	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
				Regulated VOCs plus Lists 1&3				
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	4.0	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.3	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(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
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.6	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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(continued)

MW-961-33 MS (960911097) Sampled on 09/11/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	4.72	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.91	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.98	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	4.85	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	5.04	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	5.75	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.46	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	5.43	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	5.42	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

MONTGOMERY WATSON LABORATORIES

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

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-33 MSD (960911098) Sampled on 09/11/96								
				Regulated VOCs plus Lists 1&3				
	09/13/96	54457	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloroethylene	4.30	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.53	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.40	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 624)	2-Chloroethylvinylether	NA	ug/l	1.0	1
	09/13/96	54457	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Chlorotoluene	4.34	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	09/13/96	54457	(EPA/SM 524.2)	Benzene	4.56	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorobenzene	4.95	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.00	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1

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#29103

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/13/96	54457	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 624)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	09/13/96	54457	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	NA	ug/l	5.0	1
	09/13/96	54457	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.91	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Toluene	4.84	ug/l	0.50	1
	09/13/96	54457	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	94	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-961-34 (960911099) Sampled on 09/11/96								
09/21/96	09/24/96	54676	(EPA/MS 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1

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Report
Comments
#29103

(960911092)
CATION
Reanalysis of cations does not allow for cation-anion balance.

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Foster Wheeler Environmental, Inc

QC Batch #54164 Hexavalent chromium

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium	0.050	0.0458	91.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium	0.050	0.0513	102.6	(78.00 - 118.00)	11
MBLK	Hexavalent chromium	ND				
MS	Hexavalent chromium	0.050	0.0513	102.6	(80.00 - 120.00)	
MSD	Hexavalent chromium	0.050	0.0524	104.8	(80.00 - 120.00)	2.1

QC Batch #54457 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	4.12	103.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.47	111.8	(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	4.13	103.2	(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	4.22	105.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.28	107.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.77	97.1	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	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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MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	4.17	104.2	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.36	109.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.29	107.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.45	111.2	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.86	121.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.49	112.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.80	120.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.83	120.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane(Freon1)	2	2.20	110.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	5.26	131.5	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	5.01	125.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.54	113.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Toluene	4	4.63	115.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	4.15	103.8	(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	2.47	123.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.84	96.0	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.66	120.8	(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	4.38	109.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	5.00	125.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.17	104.2	(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	4.02	100.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #54475 Total phosphorus-P

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	
LCS2	Total phosphorus-P	0.5	0.50	100.0	(80.00 - 120.00)	0.00
MBLK	Total phosphorus-P	ND				

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Foster Wheeler Environmental, Inc
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MS	Total phosphorus-P	0.4	0.395	98.8	(70.00 - 130.00)	
MSD	Total phosphorus-P	0.4	0.386	96.5	(70.00 - 130.00)	2.3

QC Batch #54496 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	95	98.8	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96	99.8	(90.00 - 110.00)	1.0
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	95	98.8	(80.00 - 120.00)	
MSD	Alkalinity	96.2	94	97.7	(80.00 - 120.00)	1.1

QC Batch #54590 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	24.4	97.6	(90.00 - 110.00)	
LCS2	Chloride	25	24.2	96.8	(90.00 - 110.00)	0.82
MBLK	Chloride	ND				
MS	Chloride	25	26.3	105.2	(80.00 - 120.00)	
MSD	Chloride	25	26.3	105.2	(80.00 - 120.00)	0.00

QC Batch #54594 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.47	98.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.47	98.8	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.52	100.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.50	100.0	(80.00 - 120.00)	0.80

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QC Batch #54596 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	48.2	96.4	(90.00 - 110.00)	
LCS2	Sulfate	50	47.8	95.6	(90.00 - 110.00)	0.83
MBLK	Sulfate	ND				
MS	Sulfate	50	52.3	104.6	(70.00 - 130.00)	
MSD	Sulfate	50	52.1	104.2	(70.00 - 130.00)	0.38

QC Batch #54659 Total Dissolved Solids

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solids	175	166	94.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solids	175	160	91.4	(85.00 - 115.00)	3.7
MBLK	Total Dissolved Solids	ND				

QC Batch #54671 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	201	100.5	(85.00 - 115.00)	
LCS2	Aluminum, Total, ICAP/MS	200	188	94.0	(85.00 - 115.00)	6.7
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	150	75.0	(70.00 - 130.00)	
MSD	Aluminum, Total, ICAP/MS	200	193	97.0	(70.00 - 130.00)	25

QC Batch #54672 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Aluminum, Total, ICAP/MS	200	193	96.5	(85.00 - 115.00)	
MBLK	Aluminum, Total, ICAP/MS	ND		0.0		
MS	Aluminum, Total, ICAP/MS	200	176	88.0	(70.00 - 130.00)	

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QC Batch #54675 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	98.6	98.6	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	92.4	92.4	(85.00 - 115.00)	6.5
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	88.0	88.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	87.3	87.3	(70.00 - 130.00)	0.80

QC Batch #54676 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	87.4	87.4	(85.00 - 115.00)	
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	81.8	81.8	(70.00 - 130.00)	

QC Batch #54679 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	553	110.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	537	107.4	(85.00 - 115.00)	2.9
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	515	103.0	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	510	102.0	(70.00 - 130.00)	0.98

QC Batch #54680 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	491	98.2	(85.00 - 115.00)	
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	280	56.0	(70.00 - 130.00)	

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

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
QC Report
#29103

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54683 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.4	92.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.6	98.0	(85.00 - 115.00)	6.3
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	18.5	93.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	19.2	96.0	(70.00 - 130.00)	3.7

QC Batch #54684 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	18.8	94.0	(85.00 - 115.00)	
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	18.0	90.0	(70.00 - 130.00)	

QC Batch #54688 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	0.00
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0237	118.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0210	105.0	(85.00 - 115.00)	12

QC Batch #54769 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.5	102.5	(80.00 - 120.00)	5.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	21.6	108.0	(80.00 - 120.00)	
MSD	Potassium, Flame AA	20	21.7	108.5	(80.00 - 120.00)	0.46

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

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Laboratory
QC Report
#29103

Foster Wheeler Environmental, Inc
(continued)

QC Batch #54770 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.4	98.8	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	51.1	102.2	(90.00 - 110.00)	3.4
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.8	101.6	(80.00 - 120.00)	
MSD	Sodium, Flame AA	50	50.9	101.8	(80.00 - 120.00)	0.20

QC Batch #54771 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	21.2	106.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	21.4	107.0	(90.00 - 110.00)	0.94
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	19.9	99.5	(80.00 - 120.00)	
MSD	Magnesium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	1.5

QC Batch #54774 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.8	107.6	(90.00 - 110.00)	1.9
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	47.7	95.4	(80.00 - 120.00)	
MSD	Calcium, Flame AA	50	51.4	102.8	(80.00 - 120.00)	7.5

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

Report Summary of positive results, PR29103

			Result	MDL	UNITS
Analyzed	960911091	MW-961-144			
09/13/96	Data Entry		09/18/96		--
Analyzed	960911092	MW-961-01			
09/13/96	Data Entry		09/18/96		--
09/18/96	Alkalinity		165	2.000	MGL
09/28/96	Anion Sum		4.47	.001	MEQL
09/25/96	Bicarbonate as HCO3,calculated		201	.001	MGL
09/25/96	Calcium, Flame AA		49	1.000	MGL
09/25/96	Carbonate as CO3, Calculated		0.655	.001	MGL
09/28/96	Cation Sum		4.98	.001	MEQL
09/13/96	Chloride		12	1.000	MGL
09/17/96	Lab pH		7.7	.001	UNIT
09/25/96	Magnesium, Flame AA		15	1.000	MGL
09/13/96	Nitrate-N by IC		1.2	.100	MGL
09/25/96	Potassium, Flame AA		3.1	1.000	MGL
09/25/96	Sodium, Flame AA		28	1.000	MGL
09/12/96	Specific Conductance		400	4.000	UMHO
09/13/96	Sulfate		36	2.000	MGL
09/17/96	Total Dissolved Solids		270	10.000	MGL
Analyzed	960911093	MW-961-02			
Analyzed	960911094	MW-961-35			
09/13/96	Data Entry		09/18/96		--
09/18/96	Alkalinity		160	2.000	MGL
09/24/96	Aluminum, Total, ICAP/MS		110	50.000	UGL
09/27/96	Anion Sum		4.37	.001	MEQL
09/25/96	Bicarbonate as HCO3,calculated		195	.001	MGL
09/25/96	Calcium, Flame AA		49	1.000	MGL
09/25/96	Carbonate as CO3, Calculated		0.253	.001	MGL
09/26/96	Cation Sum		4.77	.001	MEQL
09/13/96	Chloride		14	1.000	MGL
09/24/96	Iron, Total, ICAP/MS		150	******	UGL
09/17/96	Lab pH		7.3	.001	UNIT
09/25/96	Magnesium, Flame AA		15	1.000	MGL
09/25/96	Potassium, Flame AA		3.3	1.000	MGL
09/25/96	Sodium, Flame AA		23	1.000	MGL
09/12/96	Specific Conductance		385	4.000	UMHO
09/13/96	Sulfate		37	2.000	MGL
09/17/96	Total Dissolved Solids		270	10.000	MGL
Analyzed	960911095	MW-961-36			
Analyzed	960911096	MW-961-33			
09/13/96	Carbon Tetrachloride		4.0	.500	UGL
09/13/96	Chloroform (Trichloromethane)		1.3	.500	UGL
09/13/96	Data Entry		09/18/96		--
09/13/96	Trichloroethylene (TCE)		4.6	.500	UGL
09/18/96	Alkalinity		120	2.000	MGL

09/24/96	Aluminum, Total, ICAP/MS	160	50.000	UGL
09/27/96	Anion Sum	3.61	.001	MEQL
09/25/96	Bicarbonate as HCO3,calculated	146	.001	MGL
09/25/96	Calcium, Flame AA	42	1.000	MGL
09/25/96	Carbonate as CO3, Calculated	0.189	.001	MGL
09/26/96	Cation Sum	3.34	.001	MEQL
09/13/96	Chloride	14	1.000	MGL
09/11/96	Hexavalent chromium	0.009	.005	MGL
09/24/96	Iron, Total, ICAP/MS	140	******	UGL
09/17/96	Lab pH	7.3	.001	UNIT
09/25/96	Magnesium, Flame AA	13	1.000	MGL
09/13/96	Nitrate-N by IC	2.3	.100	MGL
09/25/96	Potassium, Flame AA	2.5	1.000	MGL
09/25/96	Sodium, Flame AA	2.5	1.000	MGL
09/12/96	Specific Conductance	335	4.000	UMHO
09/13/96	Sulfate	31	2.000	MGL
09/17/96	Total Dissolved Solids	230	10.000	MGL
09/17/96	Total phosphorus-P	0.06	.050	MGL
Analyzed	960911097 MW-961-33 MS			
09/13/96	1,1-Dichloroethylene	4.72	.500	UGL
09/13/96	1,2,4-Trichlorobenzene	4.91	.500	UGL
09/13/96	Benzene	5.04	.500	UGL
09/13/96	Chlorobenzene	5.75	.500	UGL
09/13/96	Chloroform (Trichloromethane)	4.46	.500	UGL
09/13/96	Data Entry	09/18/96		--
09/13/96	Toluene	5.42	.500	UGL
09/13/96	Trichloroethylene (TCE)	5.43	.500	UGL
09/13/96	p-Chlorotoluene	4.85	.500	UGL
09/13/96	p-Dichlorobenzene (1,4-DCB)	4.98	.500	UGL
Analyzed	960911098 MW-961-33 MSD			
09/13/96	1,1-Dichloroethylene	4.30	.500	UGL
09/13/96	1,2,4-Trichlorobenzene	4.53	.500	UGL
09/13/96	Benzene	4.56	.500	UGL
09/13/96	Chlorobenzene	4.95	.500	UGL
09/13/96	Chloroform (Trichloromethane)	4.00	.500	UGL
09/13/96	Data Entry	09/18/96		--
09/13/96	Toluene	4.84	.500	UGL
09/13/96	Trichloroethylene (TCE)	4.91	.500	UGL
09/13/96	p-Chlorotoluene	4.34	.500	UGL
09/13/96	p-Dichlorobenzene (1,4-DCB)	4.40	.500	UGL
Analyzed	960911099 MW-961-34			

FOR OFFICE USE ONLY

Invoice LO29103

Date 10/01/96

Your Purchase Order No. Sub #SANS94-1162LG

Remit to:
Montgomery Watson Laboratories

Post Office Box 3508
Los Angeles, CA 90051-3508
PHONE:818-568-6400
FAX:818-568-6324

Ship To
Foster Wheeler Environmental,
611 Anton Boulevard
Suite 800
Costa Mesa, CA 92626
Attn: Mark Cutler
PHONE:(714)444-5526
FAX:(714)444-5560

Sold To
Foster Wheeler Environmental,
611 Anton Boulevard
Suite 800
Costa Mesa, CA 92626
Rep To: Mark Cutler
PHONE:(714) 444-5526
FAX:(714) 444-5560

QUANTITY	DESCRIPTION	SAMPLE DATE	UNIT PRICE	TOTAL AMOUNT
6	Regulated VOCs plus Lists 1&3		300.00	1800.00
	ID:MW-961-144/#960911091	09/11/96		
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
	ID:MW-961-33 MS/#960911097	09/11/96		
	ID:MW-961-33 MSD/#960911098	09/11/96		
3	Aluminum, Total, ICAP/MS		15.00	45.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Alkalinity		0.00	0.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Anion Sum		90.00	270.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Arsenic, Total, GF		15.00	45.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Calcium, Flame AA		0.00	0.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Cation Sum		75.00	225.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		
	ID:MW-961-33/#960911096	09/11/96		
3	Chloride		0.00	0.00
	ID:MW-961-01/#960911092	09/11/96		
	ID:MW-961-35/#960911094	09/11/96		

TERMS = PAY UPON RECEIPT - 18% Charge per year on past due accounts.

MONTGOMERY WATSON LABORATORIES

September 23, 1996

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

Attention: Mark Cutler

Re: Report # 29127 (MW-961-145, 146, 23A)

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 samples were analyzed within holding times. All surrogates and QC samples were within acceptable range.
Samples requiring dilution (with increased MRL's):
None.
Method blanks with compounds detected:
Acetone was detected in one sample (-145) in the sample and method blank. It was not detected in the other samples in this group.
Other Comments:
Chloroform was detected in sample -145 at 0.7 ppb.

Sincerely,

Andrew Eaton, PhD
Laboratory Director

Pasadena Division
555 East Walnut Street
Pasadena, California 91101
Tel: 818 568 6400
Fax: 818 568 6324

Madison Division
1 Science Court
Madison, Wisconsin 53711
Tel: 608 231 4747
Fax: 608 231 4777

Quality Environmental Analysis

MONTGOMERY WATSON LABORATORIES

555 East Walnut Street
Pasadena, California 91101
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Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

SEP 20 1996
ADE*

Report#: 29127
JPL

MONTGOMERY WATSON LABORATORIES

555 East Walnut Street
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Laboratory
Report
#29127

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

Samples Received
12-sep-1996 14:19:21

MW-961-145 (960912062) Sampled on 09/12/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/16/96	54456	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/16/96	54456	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/16/96	54456	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Laboratory
Report
#29127

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/16/96	54456	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/16/96	54456	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/16/96	09/16/96		(EPA 524.2)	Acetone	5.2 (B)	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	91	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		

MONTGOMERY WATSON LABORATORIES

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	102	% Rec		

MW-961-146 (960912063) Sampled on 09/12/96

Regulated VOCs plus Lists 1&3

	09/16/96	54456	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/16/96	54456	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/16/96	54456	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/16/96	54456	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/16/96	54456	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/16/96	09/16/96		(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	89	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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Report
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Foster Wheeler Environmental, Inc
(continued)

MW-961-23A (960912064) Sampled on 09/12/96

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	09/16/96	54456	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 624)	2-Chloroethylvinylether	ND	ug/l	1.0	1
	09/16/96	54456	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	09/16/96	54456	(EPA/SM 524.2)	Benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromochloromethane	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
	09/16/96	54456	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 624)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Fluorotrichloromethane(Freon1)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	09/16/96	54456	(ML524.2/SW8260)	Methyl Tert-butyl ether (MTBE)	ND	ug/l	5.0	1
	09/16/96	54456	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	09/16/96	54456	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
09/16/96	09/16/96		(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	95	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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Group Comments

(524) B indicates that the analyte is also detected in the method blank.

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc

QC Batch #54456 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.94	98.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.42	110.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.29	107.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.48	112.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	4.59	114.8	(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	4.21	105.2	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.44	111.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.90	97.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.62	95.2	(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	3.94	98.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				
LCS1	Bromodichloromethane	4	4.13	103.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Bromoform	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Bromoform	ND				

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

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(continued)

MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.99	99.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.72	118.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.50	112.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.36	109.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	4.97	124.2	(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	2.49	124.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane(Freon1)	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
LCS1	Methyl Tert-butyl ether (MTBE)	4	4.32	108.0	(70.00 - 130.00)
MBLK	Methyl Tert-butyl ether (MTBE)	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.98	124.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	4.38	109.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.45	111.2	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.88	97.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.13	103.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	2.26	113.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.53	88.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	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	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	9.62	120.2	(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	4.33	108.2	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.95	123.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.27	106.7	(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	4.19	104.8	(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.

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0600

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.

Project Address: 4800 Oak Grove PASADENA

Sampler (Name): CARL C. JONES

Sampler: (Signature)

Laboratory: MONTGOMERY

Reports to Be Sent to: M. CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	ANALYSES REQUIRED: VOCS 5243	Major Cations	Major Anions + TDS	Total Phosphate	LOCATION	DEPTH	QC CODE
MW-961-103	1030	8.8.96	2	40 ml glass amber	X			X				EQ. BLANK		
MW-961-104	–		3	40 ml glass amber	X			X				TRIP BLANK		
MW-961-92	1210		2	40 ml glass amber	X			X				MW-19	Screen	5
MW-961-92	1210		1	500 ml poly	X				X					
MW-961-92	1210		1	500 ml poly	X					X				
MW-961-92	1210		1	125 ml poly	X						X			
MW-961-91	1320		2	40 ml glass amber	X			X				MW-19	Screen	4
MW-961-91	1320		1	500 ml poly	X				X					
MW-961-91	1320		1	500 ml poly	X					X				
MW-961-91	1320		1	125 ml poly	X						X			
MW-961-90	1410		2	40 ml glass amber	X			X				MW-19	Screen	3
MW-961-90	1410		1	500 ml poly	X				X					

LABORATORY INSTRUCTIONS/COMMENTS:

SAMPLING COMMENTS: Samples @ 3°C.

Relinquished by: (Signature)	Date: 8.8.96	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FW	Time: 1650	Company: M. DELLESA	Company:	Time:	Company:

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№ 0601

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.

Project Address: 4800 Oak Grove PASADENA

Sampler (Name): CARL C. JONES

Sampler: (Signature):

Laboratory: MONTGOMERY

Reports to Be Sent to: M. CUTLER

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Major Cations	Major Anions + TDS	Total Phosphate	LOCATION	DEPTH	QC CODE
MW-961-90	1410	8.8.96	1	500 ml poly	X					X		MW-19	Screen	3
MW-961-90	1410	↓	1	125 ml poly	X						X	↓	↓	
MW-961-89	1500	↓	2	40 ml glass amber	X			X				MW-19	Screen	2
MW-961-89	1500	↓	1	500 ml poly	X				X			↓	↓	
MW-961-89	1500	↓	1	500 ml poly	X					X		↓	↓	
MW-961-89	1500	↓	1	125 ml poly	X						X	↓	↓	
MW-961-88	1530	↓	2	40 ml glass amber	X			X				MW-19	Screen	1
MW-961-88	1530	↓	1	500 ml poly	X				X			↓	↓	
MW-961-88	1530	↓	1	500 ml poly	X					X		↓	↓	
MW-961-88	1530	↓	1	125 ml poly	X						X	↓	↓	

LABORATORY INSTRUCTIONS/COMMENTS:

SAMPLING COMMENTS: Samples @ 3°C

Relinquished by: (Signature)	Date: 8.8.96	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FW	Time: 1650	Company: M. DEMESA	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0602

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 15720202

Project Address: 4800 Oak Grove Blvd.

Sampler (Name): Thomas Blaney

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	CATIONS	ANIONS + TDS 300.0/160.1	T-P 365.4	LOCATION	DEPTH	QC CODE
MW-961-87	1100	8/12/96	5	2x40ml 2x500ml, 1x125ml	X			X	X	X	X	MW-18	Screen #5	
MW-961-86	1235	8/12/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-18	Screen #4	
MW-961-85	1410	8/12/96	2	40ml	X			X				Dup of MW-961-84		
MW-961-84	1335	8/12/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-18	Screen #3	
MW-961-84-MS	1345	8/12/96	2	40ml	X			X				Matrix Spike	MW-18	Screen #3
MW-961-84-MSD	1350	8/12/96	2	40ml	X			X				Matrix Spike Dup	MW-18	Screen #3
MW-961-83	1525	8/12/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-18	Screen #2	
MW-961-105	0900	8/12/96	2	40ml	X			X				EQ BLANK	on 8/12/96	
MW-961-106	1610	8/12/96	3	40ml	X			X				Trip BLANK	for 8/12/96	

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/12/96	[signature]			
Company: FWENC	Time: 1705	Company: Montgomery Watson Labs	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0604

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD. Pasadena

Sampler (Name): Thomas BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	524.2 VOC's	CATIONS	ANIONS + TDS	T-P							LOCATION	DEPTH	QC CODE
MW-961-107	0800	8/13/96	2	40ml	X			X										Equipment	BLANK	8/13/96
MW-961-108	0630	8/13/96	3	40ml	X			X										Trip	BLANK	8/13/96
MW-961-82	0830	8/13/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-18	Screen #	1
MW-961-81	1220	8/13/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-17	Screen #	5
MW-961-80	1325	8/13/96	5	2x40ml, 2x500 1x125ml	X			X	X	X	X							MW-17	Screen	#4
MW-961-79	1450	8/13/96	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-17	Screen #	3

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/13/96	[signature]			
Company: FWENC	Time: 16:45	Company: MW	Company:	Time:	Company:

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№ 0605

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0202

Project Address: 4800 Oak Grove Blvd.

Sampler (Name): Thomas Blaney

Sampler: (Signature)

Laboratory: Montgomery Lab's

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's 524.2	CATIONS	ANIONS + TDS 300.0 / 310.1	T-P 365.4						
MW-961-109	0830	8/14/96	2	40ml	X			X									
MW-961-110	0745	↓	3	40ml	X			X									
MW-961-78	0905	↓	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X						
MW-961-77	1010	↓	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X						
MW-961-97	1315	↓	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X						

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LOCATION	DEPTH	QC CODE
Equipment	Blank	8/14/96
Trip Blank		8/14/96
MW-17	Screen	#2
MW-17	Screen	#1
MW-20	Screen	#5

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	8/14/96	Lauren Rita			
Company: FWENC	Time: 1530	Company: Montgomery Watson	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0606

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD. PASADENA

Sampler (Name): THOMAS P. BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	ANALYSES REQUIRED: 524.2 VOCs	CATIONS	300.0/ 300.1 ANIONS+TDS	365.4 T-P							LOCATION	DEPTH	QC CODE
MW-961-112	0730	8/15/96	3	40ml	X			X										TRIP BLANK	8/15/96	
MW-961-111	0750		2	40ml	X			X										EQ BLANK	8/15/96	
MW-961-96	0825		5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-20	Screen #4	
MW-961-95	0940		5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-20	Screen #3	
MW-961-94	1040		5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-20	Screen #2	
MW-961-93	1135		5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X							MW-20	Screen #1	

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/15/96	[signature]			
Company: FWENC	Time: 1525	Company: M. W.	Company:	Time:	Company:

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№ 0732

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD. PASADENA

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery LABS

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Cations only	Anions + TDS	T-P	LOCATION	DEPTH	QC CODE
MW-961-113	0820	8/16/96	2	40 ml	X			X				EQ BLANK	8/16/96	
MW-961-114	0800		2	40 ml	X			X				Trip Blank	8/16/96	
MW-961-102	1155		5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-21	Screen	#5
MW-961-101	1235		5		X			X	X	X	X	MW-21	Screen	#4
MW-961-100	1425		5		X			X	X	X	X	MW-21	Screen	#3
MW-961-100-MS	1445		2	40 ml	X			X				Matrix Spike @ MW-21-3		
MW-961-100 MSD	1450		2	40 ml	X			X				Matrix Spike Dup @ MW-21-3		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ LAB @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/16/96	[signature]			
Company: FWENC	Time: 1610	Company: M-DE MESA	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0733

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	524.2 VOCs	CATIONS	ANIONS + TDS	T-P	LOCATION	DEPTH	QC CODE
MW-961-116	0800	8/19/96	2	40ml	X			X				TRIP BLANK	8/19/96	
MW-961-115	0815	↓	2	40ml	X			X				EQ BLANK	8/19/96	
MW-961-99	0840	↓	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-21	Screen	#2
MW-96198	1015	↓	5	2x40ml, 2x500ml 1x125ml	X			X	X	X	X	MW-21	Screen	#1

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/19/96	[signature]			
Company: Fwenc	Time: 1215	Company: FW. UA.	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0734

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 15720202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): TS PBL

Laboratory: Montgomery Labs

Reports to Be Sent to:

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	524.2 VOL'S	TOTAL CHROME + CATIONS	ANIONS + TDS	DISSOLVED CHROME	Cr^{+6} (HEXAVALENT CHROME)	T-P	LOCATION	DEPTH	QC CODE
MW-961-117	0945	8/20/96	2	40 ml	X			X						EQ BLANK	8/20/96	
MW-961-118	0930	↓	2	40 ml	X			X						TRIP BLANK	8/20/96	
MW-961-69	1215	↓	6	2x40ml, 2x500ml 2x125ml	X			X	X	X		X	X	MW-14	SCREEN	#4
MW-961-70	1305	↓	1	500 ml	X						X			MW-14 Screen	#4 Dissolved Chrome	
MW-961-71	1050	↓	6	2x40ml, 2x500ml 2x125ml	X			X	X	X		X	X	MW-14	Screen	#5
MW-961-72	1115	↓	1	500 ml	X						X			MW-14 Screen	#5 Dissolved Chrome	

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
TS PBL	8/20/96			8/20/96	[illegible]
Company: FWENC	Time:	Company:	Company:	Time: 3pm	Company: MW Labs

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№ 0746

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	TOTAL CHROME + CATIONS	DISSOLVED CHROME	ANIONS + TDS	Cr+6	T-P	LOCATION	DEPTH	QC CODE
MW-961-119	0800	8/21/96	2	40 ml	X			X						EQ BLANK	8/21/96	
MW-961-120	0745	↓	2	40 ml	X			X						TRIP BLANK	8/21/96	
MW-961-63	1235	↓	6	2x40, 2x500 2x125	X			X	X		X	X	X	MW-14	Screen	#1
MW-961-64	1255	↓	1	500 ml	X					X				MW-14 Screen	#1 Dissolved chrome	
MW-961-65	1055	↓	6	2x40, 2x500 2x125	X			X	X		X	X	X	MW-14	Screen	#2
MW-961-66	1120	↓	1	500 ml	X					X				MW-14 Screen	#2 Dissolved chrome	
MW-961-67	0900	↓	6	2x40, 2x500 2x125	X			X	X		X	X	X	MW-14	Screen	#3
MW-961-68	0945	↓	1	500 ml	X					X				MW-14 Screen	#3 Dissolved chrome	

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C,

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/21/96	[signature]			
Company: FWENC	Time: 1430	Company: M.W.	Company:	Time:	Company:

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№ 0735

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 15720202

Project Address: 4800 OAK GROVE BLVD. Pasadena, CA.

Sampler (Name): THOMAS P. BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs	S24.2 Total Chrome + Cations	Anions + TDS	Dissolved Chrome	Cr+6	T-P					LOCATION	DEPTH	QC CODE
MW-961-121	0800	8/22/96	2	40ml	X			X										EQ BLANK	8/22/96	
MW-961-122	0745	↓	2	40ml	X			X										TRIP BLANK	8/22/96	
MW-961-23	0850	↓	6	2x40, 2x500 2x125	X			X	X	X		X	X					MW-4	Screen	#5
MW-961-24	0920	↓	1	500ml	X						X							MW-4 Screen #5	Dissolved Chrome	
MW-961-21	1030	↓	6	2x40, 2x500 2x125	X			X	X	X		X	X					MW-4	Screen	#4
MW-961-22	1100	↓	1	500ml	X						X							MW-4 Screen #4	Dissolved Chrome	
MW-961-19	1210	↓	6	2x40, 2x500 2x125	X			X	X	X		X	X					MW-4	Screen	#3
MW-961-20	1230	↓	1	500ml	X						X							MW-4 Screen #3	Dissolved Chrome	

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/22/96	[signature]			
Company: FWENC	Time: 1410	Company: M.W.	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0736

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 15720202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Chrome + Cations	Total Chrome	Dissolved Chrome	Anions + TDS	Cr^{+6}	T-P				LOCATION	DEPTH	QC CODE
MW-961-123	0820	8/23/96	2	40 ml	X			X										EQ BLANK	8/23/96	
MW-961-124	0815	↓	2	40 ml	X			X										TRIP BLANK	8/23/96	
MW-961-15	0845	↓	6	2x40, 2x500 2x125	X			X	X			X	X	X				MW-4	Screen	#2
MW-961-16	0945	↓	1	500 ml	X						X							MW-4 Screen #2 Dissolved Chrome		
MW-961-17	0930	↓	4	2x40, 1x500 1x125	X			X		X			X					DUPLICATE OF MW-961-15		
MW-961-18	1010	↓	1	500 ml	X						X							DUPLICATE OF MW-961-16		
MW-961-13	1055	↓	6	2x40, 2x500 2x125	X			X	X			X	X	X				MW-4	Screen	#1
MW-961-14	1115	↓	1	500 ml	X						X							MW-4 Screen #1 Dissolved Chrome		
MW-961-15-MS	0905	↓	2	40 ml	X			X										MATRIX SPIKE @ MW-4-2		
MW-961-15-MSD	0910	↓	2	40 ml	X			X										MATRIX SPIKE	Dup @ MW-4-2	

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/23/96	[signature]			
Company: FWENC	Time: 1430	Company: M.W.	Company:	Time:	Company:

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№ 0737

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 15720202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Cations + Cations	Total Cations only	Anions + TDS	Dissolved Cations	Cr+6	T-P				LOCATION	DEPTH	QC CODE
MW-961-125	0840	8/26/96	2	40ml	X			X										EQ BLANK	8/26/96	
MW-961-126	0830	↓	2	40ml	X			X										TRIP BLANK	8/26/96	
MW-961-49	0915	↓	6	2x40, 2x500, 2x125	X			X	X		X		X	X				MW-11	Screen	#5
MW-961-50	1015	↓	1	500ml	X		TPH					X						MW-11 Screen	#5 Dissolved Cr	
MW-961-47	1145	↓	6	2x40, 2x500 2x125	X			X	X		X		X	X				MW-11	Screen	#4
MW-961-48	1215	↓	1	500ml	X		TPH					X						MW-11 Screen	#4 Dissolved Cr	
MW-961-45	1305	↓	6	2x40, 2x500 2x125	X			X	X		X		X	X				MW-11	Screen	#3
MW-961-46	1400	↓	1	500ml	X		TPH					X						MW-11 Screen	#3 Dissolved Cr	
MW-961-200	1420	↓	4	2x40, 1x500 1x125	X			X		X			X					Field BLANK @ MW-11-3		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C

Relinquished by: (Signature)	Date	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/26/96	[signature]			
Company: FWENC	Time: 1520	Company: M-DE WESD	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0738

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0202

Project Address: 4800 Oak Grove BLVD. Pasadena, CA.

Sampler (Name): Thomas P. Blansy

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Cr + Cations	Dissolved Cr	Anions + TDS	Cr+6	T-P	LOCATION	DEPTH	QC CODE
MW-961-127	0825	8/27/96	2	40ml	X			X						EQ Blank 8/27/96		
MW-961-128	0815	↓	2	40ml	X			X						Trip Blank 8/27/96		
MW-961-43	0850	↓	6	2x40, 1x500, 1x250, 2x125	X			X	X		X	X	X	MW-11	Screen	#2
MW-961-44	0930	↓	1	250ml	X					X				MW-11 Screen #2 Dissolved Cr		
MW-961-41	1010	↓	6	2x40, 1x500, 2x125, 1x250	X			X	X		X	X	X	MW-11	Screen	#1
MW-961-42	1045	↓	1	250ml	X					X				MW-11 Screen #1 Dissolved Cr		
MW-961-59	1330	↓	6	2x40, 1x500, 2x125, 1x250	X			X	X		X	X	X	MW-12	Screen	#5
MW-961-60	1400	↓	1	250ml	X					X				MW-12 Screen #5 Dissolved Cr		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/27/96	[signature]			
Company: Fwenc	Time: 1520	Company: M.W.	Company:	Time:	Company:

F-2

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№ 0739

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 15720202

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Cr + Cations	Anions + TDS	Dissolved Cr	Cr+6	T-P					LOCATION	DEPTH	QC CODE
MW-961-129	0840	8/28/96	2	40 ml	X			X										EQ BLANK	8/28/96	
MW-961-130	0830	↓	2	40 ml	X			X										TRIP BLANK	8/28/96	
MW-961-55	1030	↓	6	2x40, 1x500, 1x250, 2x125	X			X	X	X		X	X					MW-12	Screen	#4
MW-961-56	1110	↓	1	250 ml	X						X							MW-12 Screen	#4	Dissolved Cr
MW-961-57	930	↓	6	2x40, 1x500, 1x250, 2x125	X			X	X	X		X	X					MW-12	Screen	#3
MW-961-58	1000	↓	1	250 ml	X						X							MW-12 Screen	#3	Dissolved Cr

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/28/96	Melissa Hudson			
Company: FWEN	Time: 1630	Company: MWLabs	Company:	Time:	Company:

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№ 0740

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	TRIBUTYL TIN	TOTAL CRT CATIONS	Diss. Cr	Anions + TDS	Cr+6	T-P				LOCATION	DEPTH	QC CODE
MW-961-131	0750	8/29/96	2	40 ml	X			X										EQ BLANK	8/29/96	
MW-961-132	0740	↓	2	40 ml	X			X										TRIP BLANK	8/29/96	
MW-961-51	1415	↓	9	2x40, 3x1L, 1x250 1x500, 2x125	X			X	X	X		X	X	X				MW-12	Screen	#1
MW-961-52	1615	↓	1	250 ml	X						X							MW-12 Screen #1	Diss.	Chrome

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Preserved @ Lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/29/96	Melissa Hudson			
Company: FWENC	Time: 1700	Company: MW Labs 5PM	Company:	Time:	Company:

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№ 0741

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0202

Project Address: 4800 OAK GROVE BLVD PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED: VOC's 524.2

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's 524.2	LOCATION	DEPTH	QC CODE
MW-961-133	0800	8/30/96	2	40 ml	X			X	EQ BLANK	8/30/96	
MW-961-134	0730	↓	2	40 ml	X			X	TRIP BLANK	8/30/96	
MW-961-80A	1050	↓	2	40 ml	X			X	Resample of MW-19 Screen #1 for VOC's		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ LABS @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	8/30/96	Lauren Cieta			
Company: FWENC	Time: 1130	Company: Montgomery Watson	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0742

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0202

Project Address: 4800 Oak Grove Blvd. Pasadena, Ca.

Sampler (Name): Thomas Blaney

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Flammable ☐ Skin Irritant ☐ Reactive ☐ Toxic ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's 524.2	SVOC's *	Total Cr + Cations	Dissolved Cr	Anions + TDS	Cr+6	T-4				LOCATION	DEPTH	QC CODE
MW-961-135	0845	9/3/96	6	2x40, 2x1L 1x250, 1x125	X			X	X	X			X					EQ Blank	9/3/96	
MW-961-136	0840	↓	2	40ml	X			X										Trip Blank	9/3/96	
MW-961-53	0925		8	2x40, 2x1L, 1x250, 1x500, 2x125	X			X	X	X		X	X	X				MW-12	Screen	#2
MW-961-54	1400		3	2x1L, 1x250	X				X		X							MW-12 Screen #2 Dissolved Cr + Duplicate of MW-961-53 SVOC's		
MW-961-53-MS	0950		2	2x1L	X				X									Matrix Spike @ MW-12-2		
MW-961-53-MSD	1000	↓	2	2x1L	X				X									Matrix Spike Dup @ MW-12-2		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

* Benzo(a) anthracene, Benzo(a) pyrene, Benzo(b) Fluoranthene, Benzo(g,h,i) perylene, Benzo(k) Fluoranthene, Chrysene, Fluoranthene, Indeno(1,2,3-c,d) pyrene, Phenanthrene, Pyrene.

Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/3/96	[signature]			
Company: FWenc	Time: 14:59	Company: M.W	Company:	Time:	Company:

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№ 0743

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ___ DAYS; RUSH ☐ ___ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's 524.2	Total Chrome + Cations	Anions + TDS	Dissolved Chrome	Cr+6	T-P					LOCATION	DEPTH	QC CODE
MW-961-137	0840	9/4/96	4	2x40, 1x250 1x125	X			X	X			X						EQ BLANK	9/4/96	
MW-961-138	0830	↓	2	40ml	X			X										TRIP BLANK	9/4/96	
MW-961-09	1100	↓	6	2x40, 1x250 1x500, 2x125	X			X	X	X		X	X					MW-3	Screen	#5
MW-961-10	1200	↓	1	250 ml	X						X							MW-3 Screen #5 Dissolved Cr		
MW-961-11	0925	↓	6	2x40, 1x250 1x500, 2x125	X			X	X	X		X	X					MW-3	Screen	#4
MW-961-12	1025	↓	1	250 ml	X						X							MW-3 Screen #4 Dissolved Cr		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/4/96	[signature]			
Company: FWENC	Time: 1500	Company: M.W.	Company:	Time:	Company:

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№ 0744

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	TOTAL Cr + CATIONS	TOTAL Cr ONLY	Dissolved Cr	Anions + TDS	Cr+6	T-P				LOCATION	DEPTH	QC CODE
MW-961-139	0815	9/5/96	4	2x40, 1x250 1x125	X			X		X			X					EQ BLANK	9/5/96	
MW-961-140	0800	↓	2	40 ml	X			X										TRIP BLANK	9/5/96	
MW-961-07	0930	↓	6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-3	Screen	#3
MW-961-08	1010	↓	1	250ml	X						X							MW-3 Screen #3		Dissolved Cr
MW-961-05	1045	↓	6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-3	Screen	#2
MW-961-06	1125	↓	1	250ml	X						X							MW-3 Screen	#2	Dissolved Cr
MW-961-03	1200	↓	6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-3	Screen	#1
MW-961-04	1240	↓	1	250ml	X						X							MW-3 Screen	#1	Dissolved Cr

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/5/96	[signature]			
Company: FWENC	Time: 15:16	Company: M.W.	Company:	Time:	Company:

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№ 0745

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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): THOMAS BLANEY

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's 524.2	TOTAL Cr + CATIONS	ANIONS + TDS	Dissolved Cr	Cr +6	T-P	TRIBUTYL TIN				LOCATION	DEPTH	QC CODE
MW-961-141	0720	9/6/96	2	40 ml	X			X										TRIP BLANK	9/6/96	
MW-961-27	0945	↓	6	2x40, 1x250 1x500, 2x125	X			X	X	X		X	X					MW-6		
MW-961-28	0950	↓	1	250 ml	X						X							MW-6 Dissolved		Cr
MW-961-75	1245	↓	6	2x40, 1x250 1x500, 2x125	X			X	X	X		X	X					MW-16		
MW-961-76	1250	↓	1	250 ml	X						X							MW-16 Dissolved		Cr
MW-961-53	0925	9/3/96	3	1L Amber	X									X				MW-12 Screen #2 (ON HOLD SINCE 9/3/96) New Parameter Required By DTSC		

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/6/96	[signature]			
Company: FWENC	Time: 15:05	Company: M-DE LWSA	Company:	Time:	Company:

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№ 0815

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL
OFS No. 1572
Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.
Sampler (Name): THOMAS P. BLANEY
Sampler: (Signature): Thomas P. Blaney
Laboratory: Montgomery LABS
Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Metals TM	Total Cr + Cations	Total Cr Only	Dissolved Cr.	Anions + TDS	Cr +6	T-A	LOCATION	DEPTH	QC CODE
MW-961-142	0800	9/9/96	2	40 ml	X			X								Trip Blank	9/9/96	
MW-961-61	1015		9	2x40, 3x1L, 1x250 1x500, 2x125	X			X	X	X			X	X	X	MW-13		
MW-961-62	1040		4	3x1L, 1x250	X				X			X				MW-13	Dissolved Cr +	Dup of MW-961-61
MW-961-61-MS	1025		1	1L	X				X							Matrix Spike @ MW-13		
MW-961-61-MSD	1030		1	1L	X				X							Matrix Spike Dup @ MW-13		
MW-961-37	1340		6	2x40, 1x250 1x500, 2x125	X			X		X			X	X	X	MW-10		
MW-961-38	1350		1	250 ml	X							X				MW-10 Dissolved Cr		
MW-961-39	1410		4	2x40, 1x250 1x125	X			X			X			X		Duplicate of MW-961-37		
MW-961-40	1420	↓	1	250 ml	X							X				Duplicate of MW-961-38		

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Thomas P. Blaney	9/9/96	Melissa Hudson			
Company: FWENC	Time: 1515	Company: MWLabs	Company:	Time:	Company:

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№ 0816

FOSTER WHEELER ENVIRONMENTAL CORPORATION

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): Thomas Blanly

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Cr + Cations	Total Cr ONLY	Dissolved Cr	Anions + TDS	Cr+6	T-P				LOCATION	DEPTH	QC CODE
MW-961-143	0800	9/10/96	2	40ml	X			X										Trip Blank	9/10/96	
MW-961-29	0830		6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-7		
MW-961-30	0840		1	250ml	X						X							MW-7 Dissolved Cr.		
MW-961-31	0850		4	2x40, 1x250 1x125	X			X		X			X					Dup of MW-961-29		
MW-961-32	0900		1	250ml	X						X							Dup. of MW-961-30		
MW-961-25	1115		6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-5		
MW-961-26	1130		1	250ml	X						X							MW-5 Dissolved Cr		
MW-961-25-MS	1120		2	40ml	X			X										Matrix Spike @ MW-5		
MW-961-25-MSD	1125		2	40ml	X			X										Matrix Spike Dup @ MW-5		
MW-961-73	1330		6	2x40, 1x250 1x500, 2x125	X			X	X			X	X	X				MW-15		
MW-961-74	1335	↓	1	250ml	X						X							MW-15 Dissolved Cr		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/10/96	[signature]			
Company: FWENC	Time: 15:04	Company: M.W.	Company:	Time:	Company:

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№ 0817

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL
OFS No. 1572
Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.
Sampler (Name): THOMAS BLANCY
Sampler: (Signature): [signature]
Laboratory: Montgomery LABS
Reports to Be Sent to: MARK CUTLER

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	Total Cr + Cations	Dissolved Cr	Anions + TDS	Cr+6	T-P					LOCATION	DEPTH	QC CODE
MW-961-14	0800	9/11/96	2	40 ml	X			X										TRIP BLANK 9/11/96		
MW-961-01	0845	↓	6	2x40, 1x250 1x500, 2x125	X			X	X		X	X	X					MW-1		
MW-961-02	0850	↓	1	250 ml	X					X								MW-1 Dissolved Chrome		
MW-961-35	1010	↓	6	2x40, 1x250 1x500, 2x125	X			X	X		X	X	X					MW-9		
MW-961-36	1015	↓	1	250 ml	X					X								MW-9 Dissolved Chrome		
MW-961-33	1220	↓	6	2x40, 1x250 1x500, 2x125	X			X	X		X	X	X					MW-8		
MW-961-33-MS	1225	↓	2	40 ml	X			X										Matrix Spike @ MW-8		
MW-961-33-MSD	1230	↓	2	40 ml	X			X										Matrix Spike Dup @ MW-8		
MW-961-34	1235	↓	1	250 ml	X					X								MW-8 Dissolved Chrome		

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

SAMPLING COMMENTS: Samples Received @ Lab @ 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/11/96	[signature]			
Company: FWENC	Time: 15:16	Company: M.W.	Company:	Time:	Company:

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№ 0818

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA.

Sampler (Name): THOMAS BLANEY

Sampler (Signature): [signature]

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

Time Required: NORMAL ☒ ____ DAYS; RUSH ☐ ____ DAYS

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 524.2	LOCATION	DEPTH	QC CODE
MW-961-145	0800	9/12/96	2	40ml	X			X	EQ BLANK 9/12/96		
MW-961-146	0750	↓	2	40ml	X			X	TRIP BLANK 9/12/96		
MW-961-23A	0830	↓	2	40ml	X			X	Resample of MW-961-23 @ MW-4 Screen #5 Due to LAB missing the HOLDING TIME.		

THE INFORMATION IN THIS SECTION WILL NOT BE AVAILABLE TO THE LABORATORY

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/12/96	Melissa Attudean			
Company: FWENC	Time:	Company: MW Labs 1245	Company:	Time:	Company:

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