Previous

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49057
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

NUMBER 2110

49057

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE, PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (SOLID/TOXICITY)	MASSIVE ANIONS, TDS	Hex. Cr	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6+	
MW-984-102	0800	11/9/90	2	2x40ml	X			X									
MW-984-101	1400	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-984-030	0930	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		
MW-984-030MS	0930	↓	2	2x40ml	X								X				
MW-984-030MSD	0930	↓	2	2x40ml	X									X			
MW-984-029	1100	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-984-025	1450	↓	6	↓	X			X	X	X	X	X				X	

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
COMPANY	TIME	COMPANY	COMPANY	TIME	COMPANY

F-2

SHIPPING COPY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 11-09-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-09-98

by (print) Mike Chiang (sign) [signature]

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

2. Were custody seals on outside of cooler? (Yes) No
   If YES, how many & where: 2 outside of cooler
   If Yes, enter the following: seal date: 11-09-98, seal name: BD

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

4. Were custody papers sealed in bag & taped to lid? Yes (No) HANDED OVER BY CLIENT

5. Were custody papers filled out properly (ink, etc.) (Yes) No

6. Did you sign custody papers in appropriate place? (Yes) No

7. Was project identifiable from custody papers? (Yes) No

8. Have designated person(s) initial to acknowledge receipt: ____ (date) 11-09-98

B. LOG-IN PHASE: Date samples were logged-in: 11-09-98 by:
   (print) M DE MESA (sign) [signature]

9. Describe packing:

10. If required, was enough ice used? (Yes) No

11. Were all bottles sealed in separate plastic bags? (Yes) No

12. Did all bottles arrive unbroken/in good condition? (Yes) No

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

14. Did all bottle labels agree with custody papers? (Yes) No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? (Yes) No

16. Were correct preservatives used when required? (Yes) No

17. Was sufficient amount of sample sent for tests? (Yes) No

18. Bubbles absent in VOA vials? (Yes) No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

QUALITY INVESTIGATION REPORT

QIR No. WET-98-92

Analysis Date: 11/12/98

Analysis: NO3

Extraction Date:

Matrix: H2O

Analyst: BYW

Instrument ID: IC

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
981109148-49	EDSERCH	TESTER WHEELER		REVISED 12/4/98	

Brief Description: (include reason for non-compliance)

Autosampler jammed; Sample analyzed past H.T.

sample 981109148 past ht. by 5 minutes MW-984-029

" 981109149 " " by 17 minutes MW-984-025

Action Taken: None this was an isolated incident

12/4/98 ~~Sample 981109148 was over the linear range and it needs to be analyzed with dilution~~

Impact on Data Quality: Data can not be used for compliance

Data use is for WQ source comparison ~~diagramming~~ ~~tracking~~ not regulatory reporting.

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

Other: MW-984-025 Report w/ Annotation 12/4/98

MW-984-029 ~~Report from diluted reanalysis~~ & Annotate.

Annotation: analyzed past HT due to instrument malfunction. Use data with caution.

Client Contact: Report & Annotate as above Notified M Cutler 11/18/98

Extraction:		Date:	
Analyst:	[signature]	Date:	11/16/98
Group Leader:	[signature]	Date:	11/17/98
QA Coordinator:	[signature]	Date:	11/18/98
Project Manager:	[signature]	Date:	11/18/98

PROPERTY OF MONTGOMERY WATSON LABORATORIES

Report Summary of positive results, PR49057

			Result	MDL	UNITS
Analyzed	981109145	MW-984-102			
Analyzed	981109146	MW-984-101			
11/11/98	Chloroform (Trichloromethane)		1.1	.500	UGL
Analyzed	981109147	MW-984-030			
11/11/98	Carbon Tetrachloride		2.0	.500	UGL
11/11/98	Chloroform (Trichloromethane)		0.6	.500	UGL
11/10/98	Alkalinity		178	2.000	MGL
11/19/98	Anion Sum		4.43	.001	MEQL
11/19/98	Bicarbonate as HCO3,calculated		217	.001	MGL
11/20/98	Calcium, Total, ICAP		39.2	1.000	MGL
11/19/98	Carbonate as CO3, Calculated		1.41	.001	MGL
11/20/98	Cation Sum		4.31	.001	MEQL
11/11/98	Chloride		13.0	1.000	MGL
11/10/98	Lab pH		8.0	.001	UNIT
11/20/98	Magnesium, Total, ICAP		10.7	.100	MGL
11/11/98	Nitrate-N by IC		1.18	.100	MGL
11/20/98	Potassium, Total, ICAP		1.77	1.000	MGL
11/20/98	Sodium, Total, ICAP		32.8	1.000	MGL
11/11/98	Specific Conductance		435	4.000	UMHO
11/11/98	Sulfate		20.3	2.000	MGL
11/10/98	Total Dissolved Solid (TDS)		250	10.000	MGL
Analyzed	981109148	MW-984-029			
11/11/98	Carbon Tetrachloride		4.1	.500	UGL
11/11/98	Chloroform (Trichloromethane)		1.2	.500	UGL
11/10/98	Alkalinity		186	2.000	MGL
11/30/98	Anion Sum		4.81	.001	MEQL
11/19/98	Bicarbonate as HCO3,calculated		227	.001	MGL
11/20/98	Calcium, Total, ICAP		51.5	1.000	MGL
11/19/98	Carbonate as CO3, Calculated		0.931	.001	MGL
11/20/98	Cation Sum		4.74	.001	MEQL
11/12/98	Chloride		13.2	1.000	MGL
11/10/98	Lab pH		7.8	.001	UNIT
11/20/98	Magnesium, Total, ICAP		13.3	.100	MGL
11/12/98	Nitrate-N by IC		1.48	.100	MGL
11/19/98	Perchlorate		7.7	4.000	UGL
11/20/98	Potassium, Total, ICAP		2.00	1.000	MGL
11/20/98	Sodium, Total, ICAP		23.4	1.000	MGL
11/11/98	Specific Conductance		475	4.000	UMHO
11/12/98	Sulfate		29.3	2.000	MGL
11/12/98	Total Dissolved Solid (TDS)		310	10.000	MGL
Analyzed	981109149	MW-984-025			
11/10/98	Alkalinity		151	2.000	MGL
11/30/98	Anion Sum		3.83	.001	MEQL
11/19/98	Bicarbonate as HCO3,calculated		184	.001	MGL
11/20/98	Calcium, Total, ICAP		35.3	1.000	MGL
11/19/98	Carbonate as CO3, Calculated		0.300	.001	MGL
11/20/98	Cation Sum		3.79	.001	MEQ

11/12/98	Chloride	5.23	1.000	MGL
11/14/98	Iron, Total, ICAP/MS	950	******	UGL
11/10/98	Lab pH	7.4	.001	UNIT
11/20/98	Magnesium, Total, ICAP	13.9	.100	MGL
11/12/98	Nitrate-N by IC	0.70	.100	MGL
11/20/98	Potassium, Total, ICAP	2.55	1.000	MGL
11/20/98	Sodium, Total, ICAP	18.8	1.000	MGL
11/11/98	Specific Conductance	380	4.000	UMHO
11/12/98	Sulfate	29.3	2.000	MGL
11/12/98	Total Dissolved Solid (TDS)	250	10.000	MGL

MONTGOMERY WATSON LABORATORIES
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555 East Walnut Street
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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
NOV 30 1998
DEB* Debbie Frank

Report#: 49057
JPL

MONTGOMERY WATSON LABORATORIES
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Laboratory Report #49057

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

Samples Received
09-nov-1998 16:00:07

MW-984-102 (981109145) Sampled on 11/09/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/11/98	87149	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/11/98	87149	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/11/98	87149	(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	105	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-101 (981109146) Sampled on 11/09/98								
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/09/98	86987	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/11/98	87149	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Carbon Tetrachloride	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
	11/11/98	87149	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/11/98	87149	(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	103	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	98	% Rec		
MW-984-030 (981109147)			**Sampled on 11/09/98**					
	11/10/98	87116	(ML/S2320B)	Alkalinity	178	mg/l	2.0	1
	11/19/98		(ML/SM1040)	Anion Sum	4.43	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
11/20/98	11/20/98	87577	(EPA/ML 200.7)	Calcium, Total, ICAP	39.2	mg/l	1.0	1
	11/20/98		(ML/SM1040)	Cation Sum	4.31	meq/l	0.0010	1
	11/11/98	87292	(ML/EPA 300)	Chloride	13.0	mg/l	1.0	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/19/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.41	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/09/98	86987	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/11/98	87077	(ML/S2510B)	Specific Conductance	435	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/19/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	217	mg/l	0.0010	1
11/20/98	11/20/98	87578	(ML/EPA 200.7)	Potassium, Total, ICAP	1.77	mg/l	1.0	1
11/20/98	11/20/98	87579	(ML/EPA 200.7)	Magnesium, Total, ICAP	10.7	mg/l	0.10	1
11/20/98	11/20/98	87580	(ML/EPA 200.7)	Sodium, Total, ICAP	32.8	mg/l	1.0	1
	11/11/98	87299	(ML/EPA 300.0)	Nitrate-N by IC	1.18	mg/l	0.10	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/10/98	87045	(ML/SM 4500H)	Lab pH	8.0	Units	0.0010	1
	11/11/98	87305	(ML/EPA 300.0)	Sulfate	20.3	mg/l	2.0	1
	11/10/98	87107	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/11/98	87149	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-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
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Carbon Tetrachloride	2.0	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Butylbenzene	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
	11/11/98	87149	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

MW-984-029 (981109148) Sampled on 11/09/98

	11/10/98	87116	(ML/S2320B)	Alkalinity	186	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	4.81	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
11/20/98	11/20/98	87577	(EPA/ML 200.7)	Calcium, Total, ICAP	51.5	mg/l	1.0	1
	11/20/98		(ML/SM1040)	Cation Sum	4.74	meq/l	0.0010	1
	11/12/98	87292	(ML/EPA 300)	Chloride	13.2	mg/l	1.0	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	7.7	ug/l	4.0	1
	11/19/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.931	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/09/98	86987	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/11/98	87077	(ML/S2510B)	Specific Conductance	475	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/19/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	227	mg/l	0.0010	1
11/20/98	11/20/98	87578	(ML/EPA 200.7)	Potassium, Total, ICAP	2.00	mg/l	1.0	1
11/20/98	11/20/98	87579	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.3	mg/l	0.10	1
11/20/98	11/20/98	87580	(ML/EPA 200.7)	Sodium, Total, ICAP	23.4	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/12/98	87868	(ML/EPA 300.0)	Nitrate-N by IC	1.48	mg/l	0.10	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/10/98	87045	(ML/SM 4500H)	Lab pH	7.8	Units	0.0010	1
	11/12/98	87305	(ML/EPA 300.0)	Sulfate	29.3	mg/l	2.0	1
	11/12/98	87372	(ML/S2540C)	Total Dissolved Solid (TDS)	310	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/11/98	87149	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Carbon Tetrachloride	4.1	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/11/98	87149	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.2	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/11/98	87149	(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	93	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-025 (981109149) Sampled on 11/09/98								
	11/10/98	87117	(ML/S2320B)	Alkalinity	151	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	3.83	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
11/20/98	11/20/98	87577	(EPA/ML 200.7)	Calcium, Total, ICAP	35.3	mg/l	1.0	1
	11/20/98		(ML/SM1040)	Cation Sum	3.79	meq/l	0.0010	1
	11/12/98	87292	(ML/EPA 300)	Chloride	5.23	mg/l	1.0	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/19/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.300	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/09/98	86987	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/11/98	87077	(ML/S2510B)	Specific Conductance	380	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	950	ug/l	100	1
	11/19/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	184	mg/l	0.0010	1
11/20/98	11/20/98	87578	(ML/EPA 200.7)	Potassium, Total, ICAP	2.55	mg/l	1.0	1
11/20/98	11/20/98	87579	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.9	mg/l	0.10	1
11/20/98	11/20/98	87580	(ML/EPA 200.7)	Sodium, Total, ICAP	18.8	mg/l	1.0	1
	11/12/98	87868	(ML/EPA 300.0)	Nitrate-N by IC	0.70	mg/l	0.10	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/10/98	87045	(ML/SM 4500H)	Lab pH	7.4	Units	0.0010	1
	11/12/98	87305	(ML/EPA 300.0)	Sulfate	29.3	mg/l	2.0	1
	11/12/98	87372	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/11/98	87149	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/11/98	87149	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	n-Propylbenzene	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
	11/11/98	87149	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/11/98	87149	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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Report Comments #49057

(981109148)
NO3
Sample was analyzed past holding time. See QIR.

(981109149)
NO3
Sample was analyzed past holding time. See QIR.

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Laboratory QC Report #49057

Foster Wheeler Environmental, Inc

QC Batch #86987 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(80.00 - 120.00)	0.00

QC Batch #87045 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1109149		(0.00 - 0.00)	

QC Batch #87077 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	

QC Batch #87107 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1103159		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	166	94.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	658	94.0	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87116 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1104208		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.1	102.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.3	101.1	(90.00 - 110.00)	0.82
MBLK	Alkalinity	ND				

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

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Foster Wheeler Environmental, Inc
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MS	Alkalinity	96.2	92.0	95.6	(80.00 - 120.00)	
MSD	Alkalinity	96.2	92.0	95.6	(80.00 - 120.00)	0.00

QC Batch #87117 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	97.4	101.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	97.2	101.0	(90.00 - 110.00)	0.21
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	88.0	91.5	(80.00 - 120.00)	
MSD	Alkalinity	96.2	88.0	91.5	(80.00 - 120.00)	0.00

QC Batch #87149 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	8	7.46	93.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	7.22	90.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	7.43	92.9	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.37	92.1	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.13	101.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.81	97.6	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	8.41	105.1	(70.00 - 130.00)	7.4
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.55	94.4	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				

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Foster Wheeler Environmental, Inc
(continued)

LCS1	1,2-Dichloroethane	8	7.67	95.9	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.07	100.9	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	13.9	86.9	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	7.60	95.0	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1109147		(0.00 - 0.00)	
LCS1	Benzene	8	8.11	101.4	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.47	105.9	(70.00 - 130.00)	
MSD	Benzene	8	8.50	106.2	(70.00 - 130.00)	0.35
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	8.16	102.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.52	94.0	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.56	107.0	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.15	101.9	(70.00 - 130.00)	4.9
LCS1	Carbon Tetrachloride	8	7.30	91.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	7.09	88.6	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				

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Foster Wheeler Environmental, Inc
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MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	7.12	89.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	7.28	91.0	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	8.30	103.8	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	7.55	94.4	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	3.82	95.5	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	15.2	95.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	7.80	97.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	7.16	89.5	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	8.22	102.8	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	7.73	96.6	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	98.0	98.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	92.9	92.9		
MS	1,2-dichloroethane-d4	100	106	106.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	2.9
LCS1	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.8	95.8		

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

MONTGOMERY WATSON LABORATORIES
a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
Tel: 626 568 6400 Fax: 626 568 6324
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Laboratory QC Report #49057

Foster Wheeler Environmental, Inc
(continued)

MS	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	98.6	98.6	(80.00 - 120.00)	3.4
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	110	110.0		
MS	4-Bromofluorobenzene	100	97.0	97.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	4.0
LCS1	trans-1,2-Dichloroethylene	8	8.69	108.6	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.73	96.6	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.15	101.9	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.41	105.1	(70.00 - 130.00)	3.1
LCS1	Trichlorotrifluoroethane(Freon	4	3.41	85.2	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	7.85	98.1	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.27	103.4	(70.00 - 130.00)	
MSD	Toluene	8	8.19	102.4	(70.00 - 130.00)	0.97
LCS1	Vinyl chloride (VC)	4	4.32	108.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87292 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Chloride	25	24.1	96.4	(90.00 - 110.00)	
LCS2	Chloride	25	24.6	98.4	(90.00 - 110.00)	2.1
MBLK	Chloride	ND				
MS	Chloride	25	26.3	105.2	(80.00 - 120.00)	
MSD	Chloride	25	25.8	103.2	(80.00 - 120.00)	1.9

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87299 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.43	97.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.50	100.0	(90.00 - 110.00)	2.8
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.53	101.2	(80.00 - 120.00)	2.0

QC Batch #87305 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Sulfate	50	47.6	95.2	(90.00 - 110.00)	
LCS2	Sulfate	50	48.7	97.4	(90.00 - 110.00)	2.3
MBLK	Sulfate	ND				
MS	Sulfate	50	52.9	105.8	(80.00 - 120.00)	
MSD	Sulfate	50	51.8	103.6	(80.00 - 120.00)	2.1

QC Batch #87358 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1109147		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	3.9
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	104	104.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	4.9

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87359 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109147		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	523	105.0	(85.00 - 115.00)	1.3
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	501	100.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	474	94.8	(70.00 - 130.00)	5.5

QC Batch #87360 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1109147		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.6	103.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.4	107.0	(85.00 - 115.00)	3.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.8	109.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.7	103.5	(70.00 - 130.00)	5.2

QC Batch #87372 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1110253		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	676	96.6	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87455 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110221		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.6	108.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.6	108.0	(90.00 - 110.00)	0.00
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.6	108.0	(75.00 - 125.00)	4.7

QC Batch #87577 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1102360		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	49.2	98.4	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	49.5	99.0	(85.00 - 115.00)	0.61
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	49.4	98.8	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	49.6	99.2	(70.00 - 130.00)	0.40

QC Batch #87578 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1102360		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.5	97.5	(80.00 - 110.00)	0.51
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	20.0	100.0	(80.00 - 120.00)	0.00

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Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87579 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1102360		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	20.2	101.0	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	20.3	101.5	(85.00 - 115.00)	0.49
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	20.0	100.0	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.1	100.5	(70.00 - 130.00)	0.50

QC Batch #87580 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1102360		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.2	100.4	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	50.5	101.0	(85.00 - 115.00)	0.60
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	49.1	98.2	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	50.2	100.4	(70.00 - 130.00)	2.2

QC Batch #87626 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1109147		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0195	97.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0181	90.5	(85.00 - 115.00)	7.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0200	100.0	(70.00 - 130.00)	3.4

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87868 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109149		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.43	97.2	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.50	100.0	(90.00 - 110.00)	2.8
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.58	103.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.53	101.2	(80.00 - 120.00)	2.0

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Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

MONTGOMERY WATSON LABORATORIES

December 11, 1998

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

Attention: Mark Cutler

Re: Report # 49100 (MW-984-104, -103, -037, -036, -035, -034, -033)

Dear Mark,

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

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times):
None
Samples requiring dilution (with increased MRL's):
Diluted for Anions: MW-984-033, -034, -035, -036
Method blanks with compounds detected:
None
Other Comments:
1,1-Dichloroethane was detected in sample ID: MW-984-034, -033
Chloroform ws detected in sample ID: MW-984-034, -033
Tetrachloroethylene was detected in sample ID: MW-984-034, -033
Trichloroethylene was detected in sample ID: MW-984-034
Perchlorate was detected in sample ID: MW-984-035, -034, -033
TICS:
None
Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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

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

Quality Environmental Analysis

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49100
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/10/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix				Sample Date
981110216	MW-984-104		Water				11/10/98
		@EBASVOA					
981110217	MW-984-103		Water				11/10/98
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
		CLO4					
981110218	MW-984-037		Water				11/10/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS	
		TDS	CATION1	ANION1	PH	EC	HCO3
		CO3	ALK	NO3	SO4	CL	FE-MS
		K	NA	MG	CA	CLO4	
981110219	MW-984-036		Water				11/10/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981110220	MW-984-035		Water				11/10/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981110221	MW-984-034		Water				11/10/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981110222	MW-984-033		Water				11/10/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	

Test Acronym Description

Test Acronym	Description

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49100
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

NUMBER 2711

49100

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO: 1572 [illegible]

PROJECT ADDRESS: 4800 OAK GROVE DR PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): [illegible]

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 (5242)	TOTAL Pb, Cr, Fe (6010/7000)	MAJOR ANIONS, TDS	Hex Cr	Perchlorate	MS for VOCs	MSD for VOCs	MS/MSD for Metals	QC for Cr-6
MW-934-104	0845	11/10/95	2	2x40ml	X			X								
MW-934-103	0915		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X				
MW-934-037	0930		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW-934-036	1045		6	2x40ml 2x500ml 2x125	X			X	X	X	X	X			X	
MW-934-036MS	1045		2	2x40ml	X								X			
MW-934-036MSD	1045		2	2x40ml	X									X		
MW-934-035	1200		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW-934-034	1315		6		X			X	X	X	X	X				
MW-934-033	1415		6		X			X	X	X	X	X				X

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
[illegible]	11:10	[illegible] M. DE MESA			
COMPANY: FWNC	TIME: 15:16	COMPANY: M.W	COMPANY	TIME	COMPANY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 11-10-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-10-98
by (print) Mike Chiang (sign) [signature]

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

2. Were custody seals on outside of cooler? **Yes** No
   If YES, how many & where: 2 outsid cooler
   If Yes, enter the following: seal date: 11-10-98, seal name: BD

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

4. Were custody papers sealed in bag & taped to lid? Yes **No**

5. Were custody papers filled out properly (ink, etc.) **Yes** No

6. Did you sign custody papers in appropriate place? **Yes** No

7. Was project identifiable from custody papers? **Yes** No

8. Have designated person(s) initial to acknowledge receipt: MCD (date) 11-10-98

B. LOG-IN PHASE: Date samples were logged-in: 11-10-98 by:
(print) M. DE RUESH (sign) [signature]

9. Describe packing:

10. If required, was enough ice used? **Yes** No

11. Were all bottles sealed in separate plastic bags? **Yes** No

12. Did all bottles arrive unbroken/in good condition? **Yes** No

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

14. Did all bottle labels agree with custody papers? **Yes** No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? **Yes** No

16. Were correct preservatives used when required? **Yes** No

17. Was sufficient amount of sample sent for tests? **Yes** No

18. Bubbles absent in VOA vials? **Yes** No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR49100

			Result	MDL	UNITS
Analyzed	981110216	MW-984-104			
Analyzed	981110217	MW-984-103			
11/12/98	Chloroform (Trichloromethane)		1.0	.500	UGL
Analyzed	981110218	MW-984-037			
11/24/98	Alkalinity		133	2.000	MGL
11/30/98	Anion Sum		3.25	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		159	.001	MGL
12/01/98	Calcium, Total, ICAP		16.1	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		6.52	.001	MGL
12/02/98	Cation Sum		3.20	.001	MEQL
11/24/98	Chloride		8.11	1.000	MGL
11/14/98	Iron, Total, ICAP/MS		230	******	UGL
11/11/98	Lab pH		8.8	.001	UNIT
12/01/98	Magnesium, Total, ICAP		11.6	.100	MGL
11/12/98	Nitrate-N by IC		0.19	.100	MGL
12/01/98	Potassium, Total, ICAP		2.15	1.000	MGL
12/01/98	Sodium, Total, ICAP		31.8	1.000	MGL
11/13/98	Specific Conductance		300	4.000	UMHO
11/12/98	Sulfate		16.9	2.000	MGL
11/17/98	Total Dissolved Solid (TDS)		180	10.000	MGL
Analyzed	981110219	MW-984-036			
11/24/98	Alkalinity		158	2.000	MGL
11/30/98	Anion Sum		5.83	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		192	.001	MGL
12/01/98	Calcium, Total, ICAP		54.1	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		1.25	.001	MGL
12/02/98	Cation Sum		5.48	.001	MEQL
11/24/98	Chloride		37.7	2.000	MGL
11/11/98	Lab pH		8.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP		18.7	.100	MGL
11/12/98	Nitrate-N by IC		13.4	.200	MGL
12/01/98	Potassium, Total, ICAP		2.01	1.000	MGL
12/01/98	Sodium, Total, ICAP		27.2	1.000	MGL
11/13/98	Specific Conductance		525	4.000	UMHO
11/12/98	Sulfate		31.4	4.000	MGL
11/17/98	Total Dissolved Solid (TDS)		310	10.000	MGL
Analyzed	981110220	MW-984-035			
11/24/98	Alkalinity		199	2.000	MGL
11/30/98	Anion Sum		10.3	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		242	.001	MGL
12/01/98	Calcium, Total, ICAP		91.5	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.992	.001	MGL
12/02/98	Cation Sum		9.48	.001	MEQL
11/24/98	Chloride		91.7	2.000	MGL
11/11/98	Lab pH		7.8	.001	UNIT
12/01/98	Magnesium, Total, ICAP		39.8	.100	MGL
11/12/98	Nitrate-N by IC		16.3	.200	MGL

11/19/98	Perchlorate	6.7	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.83	1.000	MGL
12/01/98	Sodium, Total, ICAP	35.9	1.000	MGL
11/13/98	Specific Conductance	910	4.000	UMHO
11/12/98	Sulfate	125	4.000	MGL
11/17/98	Total Dissolved Solid (TDS)	600	10.000	MGL

Analyzed 981110221 MW-984-034

11/12/98	1,1-Dichloroethane	0.7	.500	UGL
11/12/98	Chloroform (Trichloromethane)	0.5	.500	UGL
11/12/98	Tetrachloroethylene (PCE)	1.5	.500	UGL
11/12/98	Trichloroethylene (TCE)	0.6	.500	UGL
11/24/98	Alkalinity	282	2.000	MGL
11/30/98	Anion Sum	14.3	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	344	.001	MGL
12/01/98	Calcium, Total, ICAP	144	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.562	.001	MGL
12/02/98	Cation Sum	13.0	.001	MEQL
11/24/98	Chloride	115	4.000	MGL
11/14/98	Iron, Total, ICAP/MS	290	******	UGL
11/11/98	Lab pH	7.4	.001	UNIT
12/01/98	Magnesium, Total, ICAP	51.9	.100	MGL
11/12/98	Nitrate-N by IC	18.3	.400	MGL
11/19/98	Perchlorate	4.2	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.50	1.000	MGL
12/01/98	Sodium, Total, ICAP	34.0	1.000	MGL
11/13/98	Specific Conductance	1200	4.000	UMHO
11/12/98	Sulfate	196	8.000	MGL
11/17/98	Total Dissolved Solid (TDS)	780	10.000	MGL

Analyzed 981110222 MW-984-033

11/12/98	1,1-Dichloroethane	2.4	.500	UGL
11/12/98	Chloroform (Trichloromethane)	0.6	.500	UGL
11/12/98	Tetrachloroethylene (PCE)	0.5	.500	UGL
11/24/98	Alkalinity	198	2.000	MGL
11/30/98	Anion Sum	14.5	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	242	.001	MGL
12/01/98	Calcium, Total, ICAP	143	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.099	.001	MGL
12/02/98	Cation Sum	12.9	.001	MEQL
11/24/98	Chloride	134	4.000	MGL
11/14/98	Iron, Total, ICAP/MS	1800	******	UGL
11/11/98	Lab pH	6.8	.001	UNIT
12/01/98	Magnesium, Total, ICAP	48.0	.100	MGL
11/12/98	Nitrate-N by IC	23.2	.400	MGL
11/19/98	Perchlorate	4.2	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.43	1.000	MGL
12/01/98	Sodium, Total, ICAP	41.1	1.000	MGL
11/13/98	Specific Conductance	1230	4.000	UMHO
11/12/98	Sulfate	243	8.000	MGL
11/17/98	Total Dissolved Solid (TDS)	670	10.000	MGL

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Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON
DEC 08 1998

DEB* Debbie Frank

Report#: 49100
JPL

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Laboratory Report #49100

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

Samples Received
10-nov-1998 15:47:39

MW-984-104 (981110216) Sampled on 11/10/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/13/98	87288	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/13/98	87288	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/13/98	87288	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory Report #49100

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/13/98	87288	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/13/98	87288	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-103 (981110217) Sampled on 11/10/98								
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	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
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.0	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(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	90	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	96	% Rec		
MW-984-037 (981110218) Sampled on 11/10/98								
	11/24/98	87805	(ML/S2320B)	Alkalinity	133	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	3.25	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	16.1	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	3.20	meq/l	0.0010	1
	11/24/98	87876	(ML/EPA 300)	Chloride	8.11	mg/l	1.0	1
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	6.52	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	300	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	230	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	159	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.15	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	11.6	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	31.8	mg/l	1.0	1
	11/12/98	87587	(ML/EPA 300.0)	Nitrate-N by IC	0.19	mg/l	0.10	1
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/11/98	87159	(ML/SM 4500H)	Lab pH	8.8	Units	0.0010	1
	11/12/98	87589	(ML/EPA 300.0)	Sulfate	16.9	mg/l	2.0	1
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-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
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-984-036 (981110219) Sampled on 11/10/98

	11/24/98	87805	(ML/S2320B)	Alkalinity	158	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	5.83	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	54.1	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	5.48	meq/l	0.0010	1
	11/24/98	87876	(ML/EPA 300)	Chloride	37.7	mg/l	2.0	2
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.25	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	525	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	192	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.01	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	18.7	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	27.2	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/12/98	87587	(ML/EPA 300.0)	Nitrate-N by IC	13.4	mg/l	0.20	2
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/11/98	87159	(ML/SM 4500H)	Lab pH	8.0	Units	0.0010	1
	11/12/98	87589	(ML/EPA 300.0)	Sulfate	31.4	mg/l	4.0	2
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	310	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-035 (981110220) Sampled on 11/10/98								
	11/24/98	87805	(ML/S2320B)	Alkalinity	199	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	10.3	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	91.5	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	9.48	meq/l	0.0010	1
	11/24/98	87876	(ML/EPA 300)	Chloride	91.7	mg/l	2.0	2
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	6.7	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.992	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	910	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	242	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.83	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	39.8	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	35.9	mg/l	1.0	1
	11/12/98	87587	(ML/EPA 300.0)	Nitrate-N by IC	16.3	mg/l	0.20	2
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/11/98	87159	(ML/SM 4500H)	Lab pH	7.8	Units	0.0010	1
	11/12/98	87589	(ML/EPA 300.0)	Sulfate	125	mg/l	4.0	2
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	600	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	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
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-984-034 (981110221) Sampled on 11/10/98

	11/24/98	87805	(ML/S2320B)	Alkalinity	282	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	14.3	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	144	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	13.0	meq/l	0.0010	1
	11/24/98	87876	(ML/EPA 300)	Chloride	115	mg/l	4.0	4
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.562	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	1200	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	290	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	344	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.50	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	51.9	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	34.0	mg/l	1.0	1
	11/12/98	87587	(ML/EPA 300.0)	Nitrate-N by IC	18.3	mg/l	0.40	4

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/11/98	87159	(ML/SM 4500H)	Lab pH	7.4	Units	0.0010	1
	11/12/98	87589	(ML/EPA 300.0)	Sulfate	196	mg/l	8.0	4
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	780	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	0.7	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.5	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.5	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.6	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	108	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-033 (981110222) Sampled on 11/10/98								
	11/24/98	87805	(ML/S2320B)	Alkalinity	198	mg/l	2.0	1
	11/30/98		(ML/SM1040)	Anion Sum	14.5	meq/l	0.0010	1
11/14/98	11/19/98	87626	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	143	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	12.9	meq/l	0.0010	1
	11/24/98	87876	(ML/EPA 300)	Chloride	134	mg/l	4.0	4
	11/19/98	87455	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.099	mg/l	0.0010	1
11/14/98	11/14/98	87358	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/10/98	87070	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	1230	umho/cm	4.0	1
11/14/98	11/14/98	87359	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1800	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	242	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.43	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	48.0	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	41.1	mg/l	1.0	1
	11/12/98	87587	(ML/EPA 300.0)	Nitrate-N by IC	23.2	mg/l	0.40	4
11/14/98	11/14/98	87360	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/11/98	87159	(ML/SM 4500H)	Lab pH	6.8	Units	0.0010	1
	11/12/98	87589	(ML/EPA 300.0)	Sulfate	243	mg/l	8.0	4
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	670	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/12/98	87230	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethane	2.4	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/12/98	87230	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	n-Propylbenzene	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
	11/12/98	87230	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.5	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/12/98	87230	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc

QC Batch #87070 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110222		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(80.00 - 120.00)	0.00

QC Batch #87159 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1110222		(0.00 - 0.00)	

QC Batch #87230 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	8	7.48	93.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	7.79	97.4	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	7.82	97.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.45	93.1	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.18	102.2	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	8.12	101.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.68	96.0	(70.00 - 130.00)	5.6
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.59	94.9	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				

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Foster Wheeler Environmental, Inc
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LCS1	1,2-Dichloroethane	8	7.77	97.1	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.00	100.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	15.2	95.0	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	7.77	97.1	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1110219		(0.00 - 0.00)	
LCS1	Benzene	8	8.13	101.6	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.50	106.2	(70.00 - 130.00)	
MSD	Benzene	8	8.48	106.0	(70.00 - 130.00)	0.24
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	8.29	103.6	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.85	98.1	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.29	103.6	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.02	100.2	(70.00 - 130.00)	3.3
LCS1	Carbon Tetrachloride	8	7.30	91.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	7.53	94.1	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	7.69	96.1	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				

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Foster Wheeler Environmental, Inc
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MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	7.76	97.0	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	7.54	94.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	8.73	109.1	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	7.53	94.1	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	3.89	97.2	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	16.2	101.2	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.04	100.5	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	7.43	92.9	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	8.09	101.1	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	7.95	99.4	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	100	100.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	89.8	89.8		
MS	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	98.9	98.9	(80.00 - 120.00)	7.9
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	100	100.0		

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MS	Toluene-d8	100	98.8	98.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	5.1
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	105	105.0		
MS	4-Bromofluorobenzene	100	98.6	98.6	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	3.4
LCS1	trans-1,2-Dichloroethylene	8	8.17	102.1	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.65	95.6	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.40	105.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	7.95	99.4	(70.00 - 130.00)	5.5
LCS1	Trichlorotrifluoroethane(Freon	4	3.47	86.8	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	7.84	98.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.38	104.8	(70.00 - 130.00)	
MSD	Toluene	8	8.37	104.6	(70.00 - 130.00)	0.12
LCS1	Vinyl chloride (VC)	4	4.37	109.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87263 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	

QC Batch #87288 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	8	7.59	94.9	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	8.26	103.2	(70.00 - 130.00)	

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MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	8.46	105.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.69	96.1	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.13	101.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	8.12	101.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.68	96.0	(70.00 - 130.00)	5.6
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.32	91.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	8.55	106.9	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.55	106.9	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	14.8	92.5	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.25	103.1	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1110219		(0.00 - 0.00)	
LCS1	Benzene	8	7.94	99.2	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.50	106.2	(70.00 - 130.00)	
MSD	Benzene	8	8.48	106.0	(70.00 - 130.00)	0.24
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	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	cis-1,2-Dichloroethylene	8	8.32	104.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.82	97.8	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.29	103.6	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.02	100.2	(70.00 - 130.00)	3.3
LCS1	Carbon Tetrachloride	8	7.35	91.9	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	7.61	95.1	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	7.93	99.1	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	8.07	100.9	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	7.95	99.4	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	8.73	109.1	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	7.86	98.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.07	101.8	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	16.0	100.0	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.37	104.6	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	7.40	92.5	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	8.16	102.0	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	8.22	102.8	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	95.2	95.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	110	110.0		
MS	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	98.9	98.9	(80.00 - 120.00)	7.9
LCS1	Toluene-d8	100	100	100.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	90.6	90.6		
MS	Toluene-d8	100	98.8	98.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	5.1
LCS1	4-Bromofluorobenzene	100	103	103.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	89.5	89.5		
MS	4-Bromofluorobenzene	100	98.6	98.6	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	3.4
LCS1	trans-1,2-Dichloroethylene	8	8.60	107.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.73	96.6	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.40	105.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	7.95	99.4	(70.00 - 130.00)	5.5
LCS1	Trichlorotrifluoroethane(Freon	4	3.61	90.2	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.12	101.5	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.38	104.8	(70.00 - 130.00)	
MSD	Toluene	8	8.37	104.6	(70.00 - 130.00)	0.12
LCS1	Vinyl chloride (VC)	4	4.41	110.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87358 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1109147		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	101	101.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	105	105.0	(85.00 - 115.00)	3.9
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	104	104.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	99	99.0	(70.00 - 130.00)	4.9

QC Batch #87359 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1109147		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	516	103.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	523	105.0	(85.00 - 115.00)	1.3
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	501	100.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	474	94.8	(70.00 - 130.00)	5.5

QC Batch #87360 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1109147		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.6	103.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	21.4	107.0	(85.00 - 115.00)	3.8
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.8	109.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.7	103.5	(70.00 - 130.00)	5.2

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87455 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110221		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.6	108.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.6	108.0	(90.00 - 110.00)	0.00
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.6	103.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.6	108.0	(75.00 - 125.00)	4.7

QC Batch #87587 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.67	106.8	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.66	106.4	(90.00 - 110.00)	0.38
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.76	110.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.77	110.8	(80.00 - 120.00)	0.36

QC Batch #87589 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Sulfate	50	52.3	104.6	(90.00 - 110.00)	
LCS2	Sulfate	50	52.2	104.4	(90.00 - 110.00)	0.19
MBLK	Sulfate	ND				
MS	Sulfate	50	56.4	112.8	(80.00 - 120.00)	
MSD	Sulfate	50	56.7	113.4	(80.00 - 120.00)	0.53

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87626 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1109147		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0195	97.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0181	90.5	(85.00 - 115.00)	7.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0207	103.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0200	100.0	(70.00 - 130.00)	3.4

QC Batch #87698 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1110114		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	170	97.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	678	96.9	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87805 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110222		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	98.7	102.6	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	98.2	102.1	(90.00 - 110.00)	0.51
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	89.0	92.5	(80.00 - 120.00)	
MSD	Alkalinity	96.2	99.0	102.9	(80.00 - 120.00)	11

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87876 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Chloride	25	25.3	101.2	(90.00 - 110.00)	
LCS2	Chloride	25	25.6	102.4	(90.00 - 110.00)	1.2
MBLK	Chloride	ND				
MS	Chloride	25	26.9	107.6	(80.00 - 120.00)	
MSD	Chloride	25	25.7	102.8	(80.00 - 120.00)	4.6

QC Batch #88082 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	48.0	96.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	48.9	97.8	(85.00 - 115.00)	1.9
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	49.6	99.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	49.4	98.8	(70.00 - 130.00)	0.40

QC Batch #88085 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 120.00)	0.52

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88089 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.6	98.0	(70.00 - 130.00)	0.51

QC Batch #88091 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.3	98.6	(85.00 - 115.00)	0.41
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	48.5	97.0	(70.00 - 130.00)	1.0

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MONTGOMERY WATSON LABORATORIES

December 14, 1998

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

Attention: Mark Cutler

Re: Report # 49213 (MW-984-106, -107, -063, -062, -061, -060, -064)

Dear Mark,

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

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times):
None
Samples requiring dilution (with increased MRL's):
Diluted for Anions: MW-984-064, -060, -061, -062, -063
Diluted for Iron: MW-984-064
Method blanks with compounds detected:
None
Other Comments:
Chloroform was detected in sample ID: MW-984-107, -063, -061, -060, -064
Tetrachloroethylene was detected in sample ID: MW-984-063, -062, -064
Trichloroethylene was detected in sample ID: MW-984-063, -060
Cis-1,2-Dichloroethylene was detected in sample ID: MW-984-063, -064
Perchlorate was detected in sample ID: MW-984-060, -064
TICS:
None
Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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Pasadena, California 91101
Tel: 626 568 6400
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4820 South Mill Avenue
Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Quality Environmental Analysis

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49213
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/12/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled		Matrix			Sample Date
981112133	MW-984-106			Water			11/12/98
		@EBASVOA					
981112134	MW-984-107			Water			11/12/98
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
		CLO4					
981112135	MW-984-063			Water			11/12/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS	
		TDS	CATION1	ANION1	PH	EC	HCO3
		CO3	ALK	NO3	SO4	CL	FE-MS
		K	NA	MG	CA	CLO4	
981112136	MW-984-062			Water			11/12/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981112137	MW-984-061			Water			11/12/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981112138	MW-984-060			Water			11/12/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981112139	MW-984-064			Water			11/12/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	

Test Acronym Description

Test Acronym	Description

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49213
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

NUMBER 2713

49213

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard [X] Reactive [ ] Flammable [ ] Toxic [ ] Skin Irritant [ ] Infectious [ ]

TIME REQUIRED: NORMAL [X] ___ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	HEX Cr	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6	
MW-984-106	0815	11/12/95	2	2x40ml	X			X									
MW-984-107	0830		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-984-063	1030		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X	(1.3)	
MW-984-063MS	1030		2	2x40ml	X								X				
MW-984-063MSD	1030		2	2x40ml	X									X			
MW-984-062	1130		6	2x40ml 1x125ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-984-061	1230		6		X			X	X	X	X	X					
MW-984-060	1315		6		X			X	X	X	X	X				X	
MW-984-064	1440		6		X			X	X	X	X	X					

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: EMERGENT Date Received: 11-12-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-12-98
by (print) MIKE CHIANG (sign) [signature]

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

2. Were custody seals on outside of cooler? **Yes** No
   If YES, how many & where: 2 outside of coolers
   If Yes, enter the following: seal date: 11-12-98, seal name: KD

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

4. Were custody papers sealed in bag & taped to lid? Yes **No** HANDED OVER BY CLIENT.

5. Were custody papers filled out properly (ink, etc.) **Yes** No

6. Did you sign custody papers in appropriate place? **Yes** No

7. Was project identifiable from custody papers? **Yes** No

8. Have designated person(s) initial to acknowledge receipt: ____(date)____

B. LOG-IN PHASE: Date samples were logged-in: 11/12 by:
(print)_____(sign)_____ Same

9. Describe packing:

10. If required, was enough ice used? **Yes** No

11. Were all bottles sealed in separate plastic bags? **Yes** No

12. Did all bottles arrive unbroken/in good condition? **Yes** No

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

14. Did all bottle labels agree with custody papers? **Yes** No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? **Yes** No

16. Were correct preservatives used when required? **Yes** No

17. Was sufficient amount of sample sent for tests? **Yes** No

18. Bubbles absent in VOA vials? **Yes** No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR49213

			Result	MDL	UNITS
Analyzed	981112133	MW-984-106			
Analyzed	981112134	MW-984-107			
11/17/98	Chloroform (Trichloromethane)		1.1	.500	UGL
Analyzed	981112135	MW-984-063			
11/18/98	Chloroform (Trichloromethane)		0.6	.500	UGL
11/18/98	Tetrachloroethylene (PCE)		8.3	.500	UGL
11/18/98	Trichloroethylene (TCE)		1.1	.500	UGL
11/18/98	cis-1,2-Dichloroethylene		1.3	.500	UGL
11/21/98	Alkalinity		225	2.000	MGL
11/25/98	Anion Sum		9.56	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		274	.001	MGL
12/01/98	Calcium, Total, ICAP		96.4	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.447	.001	MGL
12/02/98	Cation Sum		8.80	.001	MEQL
11/13/98	Chloride		83.7	2.000	MGL
11/25/98	Iron, Total, ICAP/MS		250	******	UGL
11/17/98	Lab pH		7.4	.001	UNIT
12/01/98	Magnesium, Total, ICAP		31.5	.100	MGL
11/13/98	Nitrate-N by IC		11.5	.200	MGL
12/01/98	Potassium, Total, ICAP		2.46	1.000	MGL
12/01/98	Sodium, Total, ICAP		30.4	1.000	MGL
11/13/98	Specific Conductance		835	4.000	UMHO
11/13/98	Sulfate		90	4.000	MGL
11/17/98	Total Dissolved Solid (TDS)		540	10.000	MGL
Analyzed	981112136	MW-984-062			
11/17/98	Tetrachloroethylene (PCE)		0.8	.500	UGL
11/21/98	Alkalinity		266	2.000	MGL
11/25/98	Anion Sum		11.5	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		324	.001	MGL
12/01/98	Calcium, Total, ICAP		118	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.420	.001	MGL
12/02/98	Cation Sum		10.9	.001	MEQL
11/13/98	Chloride		115	4.000	MGL
11/25/98	Iron, Total, ICAP/MS		230	******	UGL
11/17/98	Lab pH		7.3	.001	UNIT
12/01/98	Magnesium, Total, ICAP		38.3	.100	MGL
11/13/98	Nitrate-N by IC		9.68	.400	MGL
12/01/98	Potassium, Total, ICAP		2.99	1.000	MGL
12/01/98	Sodium, Total, ICAP		40.0	1.000	MGL
11/13/98	Specific Conductance		1030	4.000	UMHO
11/13/98	Sulfate		110	8.000	MGL
11/19/98	Total Dissolved Solid (TDS)		650	10.000	MGL
Analyzed	981112137	MW-984-061			
11/17/98	Chloroform (Trichloromethane)		0.7	.500	UGL
11/21/98	Alkalinity		272	2.000	MGL
11/25/98	Anion Sum		13.3	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		332	.001	MGL

12/01/98	Calcium, Total, ICAP	135	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.682	.001	MGL
12/02/98	Cation Sum	12.8	.001	MEQL
11/13/98	Chloride	110	4.000	MGL
11/25/98	Iron, Total, ICAP/MS	880	******	UG
11/17/98	Lab pH	7.5	.001	UN
12/01/98	Magnesium, Total, ICAP	46.8	.100	MGL
11/13/98	Nitrate-N by IC	11.7	.400	MGL
12/01/98	Potassium, Total, ICAP	2.94	1.000	MGL
12/01/98	Sodium, Total, ICAP	48.6	1.000	MGL
11/13/98	Specific Conductance	1170	4.000	UMHO
11/13/98	Sulfate	190	8.000	MGL
11/19/98	Total Dissolved Solid (TDS)	730	10.000	MGL

Analyzed 981112138 MW-984-060

11/17/98	Chloroform (Trichloromethane)	1.6	.500	UGL
11/17/98	Trichloroethylene (TCE)	10	.500	UGL
11/21/98	Alkalinity	161	2.000	MGL
11/25/98	Anion Sum	8.48	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	196	.001	MGL
12/01/98	Calcium, Total, ICAP	89.7	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.064	.001	MGL
12/02/98	Cation Sum	8.26	.001	MEQL
11/13/98	Chloride	66.8	2.000	MGL
11/17/98	Lab pH	6.7	.001	UNIT
12/01/98	Magnesium, Total, ICAP	29.7	.100	MGL
11/13/98	Nitrate-N by IC	15.2	.200	MGL
11/25/98	Perchlorate	13.2	4.000	UGL
12/01/98	Potassium, Total, ICAP	1.89	1.000	MGL
12/01/98	Sodium, Total, ICAP	29.4	1.000	MGL
11/13/98	Specific Conductance	785	4.000	UMHO
11/13/98	Sulfate	110	4.000	MGL
11/19/98	Total Dissolved Solid (TDS)	500	10.000	MGL

Analyzed 981112139 MW-984-064

11/17/98	Chloroform (Trichloromethane)	0.6	.500	UGL
11/17/98	Tetrachloroethylene (PCE)	6.7	.500	UGL
11/17/98	cis-1,2-Dichloroethylene	1.4	.500	UGL
11/21/98	Alkalinity	206	2.000	MGL
11/25/98	Anion Sum	8.53	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	251	.001	MGL
12/01/98	Calcium, Total, ICAP	84.9	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.818	.001	MGL
12/02/98	Cation Sum	8.11	.001	MEQL
11/13/98	Chloride	68.6	2.000	MGL
11/25/98	Iron, Total, ICAP/MS	2400	******	UGL
11/17/98	Lab pH	7.7	.001	UNIT
12/01/98	Magnesium, Total, ICAP	29.3	.100	MGL
11/13/98	Nitrate-N by IC	10.5	.200	MGL
11/25/98	Perchlorate	4.02	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.50	1.000	MGL
12/01/98	Sodium, Total, ICAP	32.0	1.000	MGL
11/13/98	Specific Conductance	785	4.000	UMHO
11/13/98	Sulfate	83	4.000	MGL
11/19/98	Total Dissolved Solid (TDS)	480	10.000	MGL

MONTGOMERY WATSON LABORATORIES
a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
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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
DEC 10 1998

DEB~~* Debbie~~ Frank

Report#: 49213
JPL

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Laboratory Report #49213

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

Samples Received
12-nov-1998 15:55:29

MW-984-106 (981112133) Sampled on 11/12/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(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	86	% Rec		
			(Surrogate)	Toluene-d8	90	% Rec		

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Laboratory Report #49213

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-107 (981112134) Sampled on 11/12/98								
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	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
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	104	% Rec		
MW-984-063 (981112135) Sampled on 11/12/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	225	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	9.56	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	96.4	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	8.80	meq/l	0.0010	1
	11/13/98	87647	(ML/EPA 300)	Chloride	83.7	mg/l	2.0	2
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.447	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	835	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	250	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	274	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.46	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	31.5	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	30.4	mg/l	1.0	1
	11/13/98	87649	(ML/EPA 300.0)	Nitrate-N by IC	11.5	mg/l	0.20	2
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.4	Units	0.0010	1
	11/13/98	87653	(ML/EPA 300.0)	Sulfate	90	mg/l	4.0	2
	11/17/98	87698	(ML/S2540C)	Total Dissolved Solid (TDS)	540	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-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
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	1.3	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	8.3	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	1.1	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(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	108	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-984-062 (981112136) Sampled on 11/12/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	266	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	11.5	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	118	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	10.9	meq/l	0.0010	1
	11/13/98	87647	(ML/EPA 300)	Chloride	115	mg/l	4.0	4
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.420	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	1030	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	230	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	324	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.99	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	38.3	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	40.0	mg/l	1.0	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/13/98	87649	(ML/EPA 300.0)	Nitrate-N by IC	9.68	mg/l	0.40	4
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.3	Units	0.0010	1
	11/13/98	87653	(ML/EPA 300.0)	Sulfate	110	mg/l	8.0	4
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	650	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(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
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.8	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(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	92	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-061 (981112137) Sampled on 11/12/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	272	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	13.3	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	135	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	12.8	meq/l	0.0010	1
	11/13/98	87647	(ML/EPA 300)	Chloride	110	mg/l	4.0	4
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.682	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	1170	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	880	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	332	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.94	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	46.8	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	48.6	mg/l	1.0	1
	11/13/98	87649	(ML/EPA 300.0)	Nitrate-N by IC	11.7	mg/l	0.40	4
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.5	Units	0.0010	1
	11/13/98	87653	(ML/EPA 300.0)	Sulfate	190	mg/l	8.0	4
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	730	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(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	107	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

MW-984-060 (981112138) Sampled on 11/12/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	161	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	8.48	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	89.7	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	8.26	meq/l	0.0010	1
	11/13/98	87647	(ML/EPA 300)	Chloride	66.8	mg/l	2.0	2
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	13.2	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.064	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	785	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	196	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	1.89	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	29.7	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	29.4	mg/l	1.0	1
	11/13/98	87649	(ML/EPA 300.0)	Nitrate-N by IC	15.2	mg/l	0.20	2

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	6.7	Units	0.0010	1
	11/13/98	87653	(ML/EPA 300.0)	Sulfate	110	mg/l	4.0	2
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	500	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.6	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	10	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	120	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-064 (981112139) Sampled on 11/12/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	206	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	8.53	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	84.9	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	8.11	meq/l	0.0010	1
	11/13/98	87647	(ML/EPA 300)	Chloride	68.6	mg/l	2.0	2
	11/25/98	87874	(MOD/EPA 300)	Perchlorate	4.02	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.818	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/12/98	87172	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/13/98	87263	(ML/S2510B)	Specific Conductance	785	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	2400	ug/l	1000	10
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	251	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.50	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	29.3	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	32.0	mg/l	1.0	1
	11/13/98	87649	(ML/EPA 300.0)	Nitrate-N by IC	10.5	mg/l	0.20	2
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.7	Units	0.0010	1
	11/13/98	87653	(ML/EPA 300.0)	Sulfate	83	mg/l	4.0	2
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	480	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	1.4	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	6.7	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	104	% Rec		
			(Surrogate)	4-Bromofluorobenzene	106	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Laboratory QC Report #49213

Foster Wheeler Environmental, Inc

QC Batch #87172 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112138		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0510	102.0	(78.00 - 118.00)	1.2
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0504	100.8	(80.00 - 120.00)	0.00

QC Batch #87263 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	

QC Batch #87373 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1116098		(0.00 - 0.00)	

QC Batch #87539 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	8	8.58	107.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.68	121.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	9.18	114.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	8.20	102.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.32	104.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	8.12	101.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.68	96.0	(70.00 - 130.00)	5.6

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

MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.99	99.9	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	8.88	111.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	9.24	115.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	17.8	111.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.34	104.2	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1110219		(0.00 - 0.00)	
LCS1	Benzene	8	8.53	106.6	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.50	106.2	(70.00 - 130.00)	
MSD	Benzene	8	8.48	106.0	(70.00 - 130.00)	0.24
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	9.20	115.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	8.61	107.6	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.29	103.6	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.02	100.2	(70.00 - 130.00)	3.3
LCS1	Carbon Tetrachloride	8	8.37	104.6	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				

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Foster Wheeler Environmental, Inc
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LCS1	Bromoform	8	9.94	124.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	8	8.77	109.6	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	8	9.51	118.9	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	8	8.90	111.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	8	9.47	118.4	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	8	8.42	105.2	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	4	4.46	111.5	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	16	16.9	105.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	8	8.58	107.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.11	101.4	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	8	8.08	101.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	8	8.47	105.9	(70.00 - 130.00)
MBLK	Styrene	ND			

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LCS1	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	92.7	92.7		
MS	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	98.9	98.9	(80.00 - 120.00)	7.9
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.0	95.0		
MS	Toluene-d8	100	98.8	98.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	5.1
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	106	106.0		
MS	4-Bromofluorobenzene	100	98.6	98.6	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	3.4
LCS1	trans-1,2-Dichloroethylene	8	8.68	108.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	8.43	105.4	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.40	105.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	7.95	99.4	(70.00 - 130.00)	5.5
LCS1	Trichlorotrifluoroethane(Freon	4	4.38	109.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.41	105.1	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.38	104.8	(70.00 - 130.00)	
MSD	Toluene	8	8.37	104.6	(70.00 - 130.00)	0.12
LCS1	Vinyl chloride (VC)	4	4.66	116.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87543 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	8	7.21	90.1	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	8.63	107.9	(70.00 - 130.00)	

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MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	8.44	105.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.68	96.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	7.75	96.9	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	7.63	95.4	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.33	104.1	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	15.8	98.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.13	101.6	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Benzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				

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Laboratory
QC Report
#49213

Foster Wheeler Environmental, Inc
(continued)

LCS1	cis-1,2-Dichloroethylene	8	8.35	104.4	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.61	95.1	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	8.99	112.4	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	7.84	98.0	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	8.85	110.6	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	8.04	100.5	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	7.86	98.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	7.72	96.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.03	100.8	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	15.8	98.8	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.39	104.9	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.15	101.9	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	7.49	93.6	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	93.2	93.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	98.8	98.8		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.3	95.3		
MS	Toluene-d8	100	97	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	103	103.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	102	102.0		
MS	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.00
LCS1	trans-1,2-Dichloroethylene	8	7.99	99.9	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80
LCS1	Trichlorotrifluoroethane(Freon	4	4.17	104.2	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	7.98	99.8	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.32	108.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87647 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	
LCS1	Chloride	25	26.7	106.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.4	101.6	(90.00 - 110.00)	5.0
MBLK	Chloride	ND				
MS	Chloride	25	27.0	108.0	(80.00 - 120.00)	
MSD	Chloride	25	24.6	98.4	(80.00 - 120.00)	9.3

QC Batch #87649 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.66	106.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.54	101.6	(90.00 - 110.00)	4.6
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.73	109.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.44	97.6	(80.00 - 120.00)	11

QC Batch #87653 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	
LCS1	Sulfate	50	52.7	105.4	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	5.1
MBLK	Sulfate	ND				
MS	Sulfate	50	56.6	113.2	(80.00 - 120.00)	
MSD	Sulfate	50	52.8	105.6	(80.00 - 120.00)	6.9

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87698 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1110114		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	170	97.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	678	96.9	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87706 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1112136		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	694	99.1	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87795 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	92.8	96.5	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.4	98.1	(90.00 - 110.00)	1.7
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	82.0	85.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	79.0	82.1	(80.00 - 120.00)	3.7

QC Batch #87850 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS.	Spiked sample	Lab# 98	1112135		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	3.1

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	1.0

QC Batch #87852 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.1	100.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	0.00

QC Batch #87859 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	508	101.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	486	97.2	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	0.00

QC Batch #87874 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112136		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.3	101.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.6	108.0	(90.00 - 110.00)	6.2
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	23.8	119.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	23.9	119.5	(75.00 - 125.00)	0.42

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88082 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	48.0	96.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	48.9	97.8	(85.00 - 115.00)	1.9
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	49.6	99.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	49.4	98.8	(70.00 - 130.00)	0.40

QC Batch #88085 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 120.00)	0.52

QC Batch #88089 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.6	98.0	(70.00 - 130.00)	0.51

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 #88091 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.3	98.6	(85.00 - 115.00)	0.41
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	48.5	97.0	(70.00 - 130.00)	1.0

QC Batch #88245 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0213	106.5	(85.00 - 115.00)	0.94
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0219	109.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0205	102.5	(70.00 - 130.00)	6.6

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MONTGOMERY WATSON LABORATORIES

December 14, 1998

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

Attention: Mark Cutler

Re: Report # 49271 (MW-984-108, -017, -001, -038, -013, -018, -019, -014)

Dear Mark,

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

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times):
None
Samples requiring dilution (with increased MRL's):
Diluted for Anions: MW-984-014
Method blanks with compounds detected:
None
Other Comments:
Tetrachloroethylene was detected in sample ID: MW-984-014
Chromium was detected in sample ID: MW-984-014
TICS:
None
Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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Pasadena, California 91101
Tel: 626 568 6400
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4820 South Mill Avenue
Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
Fax: 602 755 8203

Quality Environmental Analysis

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49271
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/13/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled		Matrix			Sample Date
981113536	MW-984-108			Water			11/13/98
		@EBASVOA					
981113537	MW-984-017			Water			11/13/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS	
		TDS	CATION1	ANION1	PH	EC	HCO3
		CO3	ALK	NO3	SO4	CL	FE-MS
		K	NA	MG	CA	CLO4	
981113538	MW-984-001			Water			11/13/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981113539	MW-984-038			Water			11/13/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981113540	MW-984-013			Water			11/13/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981113541	MW-984-018			Water			11/13/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981113542	MW-984-019			Water			11/13/98
		@EBASVOA	CR-EBAS	AS-EBAS	PB-EBAS	CR-VI	
		CLO4					

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 11-13-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-13-98
by (print) MARTIN L. DE MESA (sign) _____

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

2. Were custody seals on outside of cooler? (Yes) No
   If YES, how many & where: 2
   If Yes, enter the following: seal date: 11/13/98, seal name: BD — SEE BACK

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

4. Were custody papers sealed in bag & taped to lid? Yes No — HAND DELIVER

5. Were custody papers filled out properly (ink, etc.) (Yes) No

6. Did you sign custody papers in appropriate place? (Yes) No

7. Was project identifiable from custody papers? (Yes) No

8. Have designated person(s) initial to acknowledge receipt: MLD (date) 11-13-98

B. LOG-IN PHASE: Date samples were logged-in: 11-13-98 by:
(print) MARTIN L. DE MESA (sign) _____

9. Describe packing:

10. If required, was enough ice used? (Yes) No

11. Were all bottles sealed in separate plastic bags? (Yes) No

12. Did all bottles arrive unbroken/in good condition? (Yes) No

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

14. Did all bottle labels agree with custody papers? (Yes) No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? (Yes) No

16. Were correct preservatives used when required? (Yes) No

17. Was sufficient amount of sample sent for tests? (Yes) No

18. Bubbles absent in VOA vials? (Yes) No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49271
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Sample#	Sample Id	Tests Scheduled						Matrix	Sample Date
981113543	MW-984-014							Water	11/13/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS			
		TDS	CATION1	ANION1	PH	EC	HCO3		
		CO3	ALK	NO3	SO4	CL	FE-MS		
		K	NA	MG	CA	CLO4			

Test Acronym Description

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

Report Summary of positive results, PR49271

			Result	MDL	UNITS
Analyzed	981113536	MW-984-108			
Analyzed	981113537	MW-984-017			
11/21/98	Alkalinity		162	2.000	MGL
11/25/98	Anion Sum		4.72	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		198	.001	MGL
12/01/98	Calcium, Total, ICAP		48.3	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.257	.001	MGL
12/02/98	Cation Sum		4.56	.001	MEQL
11/14/98	Chloride		20.3	1.000	MGL
11/17/98	Lab pH		7.3	.001	UNIT
12/01/98	Magnesium, Total, ICAP		15.2	.100	MGL
11/14/98	Nitrate-N by IC		0.71	.100	MGL
12/01/98	Potassium, Total, ICAP		2.84	1.000	MGL
12/01/98	Sodium, Total, ICAP		18.9	1.000	MGL
11/17/98	Specific Conductance		465	4.000	UMHO
11/14/98	Sulfate		40.9	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)		270	10.000	MGL
Analyzed	981113538	MW-984-001			
11/21/98	Alkalinity		195	2.000	MGL
11/25/98	Anion Sum		5.34	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		238	.001	MGL
12/01/98	Calcium, Total, ICAP		51.4	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.489	.001	MGI
12/02/98	Cation Sum		5.18	.001	ME
11/14/98	Chloride		15.9	1.000	MGL
11/17/98	Lab pH		7.5	.001	UNIT
12/01/98	Magnesium, Total, ICAP		17.1	.100	MGL
11/14/98	Nitrate-N by IC		0.86	.100	MGL
12/01/98	Potassium, Total, ICAP		3.34	1.000	MGL
12/01/98	Sodium, Total, ICAP		25.8	1.000	MGL
11/17/98	Specific Conductance		510	4.000	UMHO
11/14/98	Sulfate		44.7	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)		280	10.000	MGL
Analyzed	981113539	MW-984-038			
11/21/98	Alkalinity		181	2.000	MGL
11/25/98	Anion Sum		5.71	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		221	.001	MGL
12/01/98	Calcium, Total, ICAP		57.5	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.228	.001	MGL
12/02/98	Cation Sum		5.49	.001	MEQL
11/14/98	Chloride		25.1	1.000	MGL
11/25/98	Iron, Total, ICAP/MS		180	******	UGL
11/17/98	Lab pH		7.2	.001	UNIT
12/01/98	Magnesium, Total, ICAP		19.4	.100	MGL
11/14/98	Nitrate-N by IC		2.33	.100	MGL
12/01/98	Potassium, Total, ICAP		2.93	1.000	MGL
12/01/98	Sodium, Total, ICAP		21.6	1.000	MGL
11/17/98	Specific Conductance		540	4.000	UMHO
11/14/98	Sulfate		58.5	2.000	MGI

11/19/98	Total Dissolved Solid (TDS)	300	10.000	MGL

Analyzed 981113540 MW-984-013

11/21/98	Alkalinity	117	2.000	MGL
11/25/98	Anion Sum	3.01	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	143	.001	MGL
12/01/98	Calcium, Total, ICAP	30.3	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.093	.001	MGL
12/02/98	Cation Sum	2.93	.001	MEQL
11/14/98	Chloride	7.17	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	600	******	UGL
11/17/98	Lab pH	7.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP	9.91	.100	MGL
11/14/98	Nitrate-N by IC	0.80	.100	MGL
12/01/98	Potassium, Total, ICAP	2.28	1.000	MGL
12/01/98	Sodium, Total, ICAP	12.5	1.000	MGL
11/17/98	Specific Conductance	300	4.000	UMHO
11/14/98	Sulfate	19.8	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)	180	10.000	MGL

Analyzed 981113541 MW-984-018

11/21/98	Alkalinity	154	2.000	MGL
11/25/98	Anion Sum	4.51	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	188	.001	MGL
12/01/98	Calcium, Total, ICAP	46.8	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.097	.001	MGL
12/02/98	Cation Sum	4.33	.001	MEQL
11/14/98	Chloride	10.9	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	110	******	UGL
11/17/98	Lab pH	6.9	.001	UNIT
12/01/98	Magnesium, Total, ICAP	15.9	.100	MGL
11/14/98	Nitrate-N by IC	4.05	.100	MGL
12/01/98	Potassium, Total, ICAP	2.12	1.000	MGL
12/01/98	Sodium, Total, ICAP	14.5	1.000	MGL
11/17/98	Specific Conductance	435	4.000	UMHO
11/14/98	Sulfate	39.8	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)	250	10.000	MGL

Analyzed 981113542 MW-984-019

Analyzed 981113543 MW-984-014

11/18/98	Tetrachloroethylene (PCE)	0.7	.500	UGL
11/21/98	Alkalinity	161	2.000	MGL
11/25/98	Anion Sum	7.81	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	196	.001	MGL
12/01/98	Calcium, Total, ICAP	76.8	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.127	.001	MGL
12/02/98	Cation Sum	7.23	.001	MEQL
11/14/98	Chloride	77.9	2.000	MGL
11/25/98	Chromium, Total, ICAP/MS	37	10.000	UGL
11/25/98	Iron, Total, ICAP/MS	300	******	UGL
11/17/98	Lab pH	7.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP	26.8	.100	MGL
11/14/98	Nitrate-N by IC	7.68	.200	MGL
12/01/98	Potassium, Total, ICAP	1.80	1.000	MGL
12/01/98	Sodium, Total, ICAP	26.1	1.000	MGL

11/17/98	Specific Conductance	745	4.000	UMHO
11/14/98	Sulfate	88.4	4.000	MGL
11/19/98	Total Dissolved Solid (TDS)	460	10.000	MGL

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Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON
DEC 08 1998

DEB* Debbie Frank

Report#: 49271
JPL

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Laboratory Report #49271

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

Samples Received
13-nov-1998 17:10:33

MW-984-108 (981113536) Sampled on 11/13/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Pasadena, California 91101
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Laboratory Report #49271

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(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	106	% Rec		
			(Surrogate)	Toluene-d8	105	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-017 (981113537) Sampled on 11/13/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	162	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	4.72	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	48.3	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	4.56	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	20.3	mg/l	1.0	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.257	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87387	(ML/S2510B)	Specific Conductance	465	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	198	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.84	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	15.2	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	18.9	mg/l	1.0	1
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	0.71	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.3	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	40.9	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	270	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	88	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-984-001 (981113538) Sampled on 11/13/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	195	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	5.34	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	51.4	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	5.18	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	15.9	mg/l	1.0	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.489	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87387	(ML/S2510B)	Specific Conductance	510	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	238	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	3.34	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	17.1	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	25.8	mg/l	1.0	1
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	0.86	mg/l	0.10	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.5	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	44.7	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	280	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	116	% Rec		
			(Surrogate)	4-Bromofluorobenzene	97	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-038 (981113539) Sampled on 11/13/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	181	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	5.71	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	57.5	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	5.49	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	25.1	mg/l	1.0	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.228	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87387	(ML/S2510B)	Specific Conductance	540	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	180	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	221	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.93	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	19.4	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	21.6	mg/l	1.0	1
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	2.33	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.2	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	58.5	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	300	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	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
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	115	% Rec		
			(Surrogate)	4-Bromofluorobenzene	98	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-984-013 (981113540) Sampled on 11/13/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	117	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.01	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	30.3	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	2.93	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	7.17	mg/l	1.0	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.093	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87387	(ML/S2510B)	Specific Conductance	300	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	600	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	143	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.28	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	9.91	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	12.5	mg/l	1.0	1
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	0.80	mg/l	0.10	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.0	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	19.8	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/17/98	87539	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/17/98	87539	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/17/98	87539	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/17/98	87539	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/17/98	87539	(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	105	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-018 (981113541) Sampled on 11/13/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	154	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	4.51	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	46.8	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	4.33	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	10.9	mg/l	1.0	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.097	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87388	(ML/S2510B)	Specific Conductance	435	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	110	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	188	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	2.12	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	15.9	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	14.5	mg/l	1.0	1
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	4.05	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	6.9	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	39.8	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	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
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	113	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

MW-984-019 (981113542) Sampled on 11/13/98

11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-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
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	110	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-984-014 (981113543) Sampled on 11/13/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	161	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	7.81	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88082	(EPA/ML 200.7)	Calcium, Total, ICAP	76.8	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	7.23	meq/l	0.0010	1
	11/14/98	87647	(ML/EPA 300)	Chloride	77.9	mg/l	2.0	2
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.127	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	37	ug/l	10	1
	11/13/98	87245	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/17/98	87388	(ML/S2510B)	Specific Conductance	745	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	300	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	196	mg/l	0.0010	1
12/01/98	12/01/98	88085	(ML/EPA 200.7)	Potassium, Total, ICAP	1.80	mg/l	1.0	1
12/01/98	12/01/98	88089	(ML/EPA 200.7)	Magnesium, Total, ICAP	26.8	mg/l	0.10	1
12/01/98	12/01/98	88091	(ML/EPA 200.7)	Sodium, Total, ICAP	26.1	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/14/98	87651	(ML/EPA 300.0)	Nitrate-N by IC	7.68	mg/l	0.20	2
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	7.0	Units	0.0010	1
	11/14/98	87653	(ML/EPA 300.0)	Sulfate	88.4	mg/l	4.0	2
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	460	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.7	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

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Laboratory QC Report #49271

Foster Wheeler Environmental, Inc

QC Batch #87245 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1113541		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0498	99.6	(80.00 - 120.00)	0.00

QC Batch #87373 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1116098		(0.00 - 0.00)	

QC Batch #87387 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1113540		(0.00 - 0.00)	

QC Batch #87388 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1113543		(0.00 - 0.00)	

QC Batch #87539 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	8	8.58	107.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.68	121.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	9.18	114.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				

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LCS1	1,1-Dichloroethane	8	8.20	102.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.32	104.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	8.12	101.5	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.68	96.0	(70.00 - 130.00)	5.6
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.99	99.9	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	8.88	111.0	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	9.24	115.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	17.8	111.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.34	104.2	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1110219		(0.00 - 0.00)	
LCS1	Benzene	8	8.53	106.6	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.50	106.2	(70.00 - 130.00)	
MSD	Benzene	8	8.48	106.0	(70.00 - 130.00)	0.24
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	9.20	115.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	8.61	107.6	(70.00 - 130.00)	

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MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.29	103.6	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.02	100.2	(70.00 - 130.00)	3.3
LCS1	Carbon Tetrachloride	8	8.37	104.6	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	9.94	124.2	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	8.77	109.6	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	9.51	118.9	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	8.90	111.2	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	9.47	118.4	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	8.42	105.2	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.46	111.5	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	16.9	105.6	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.58	107.2	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.11	101.4	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				

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LCS1	Tetrachloroethylene (PCE)	8	8.08	101.0	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	8.47	105.9	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	92.7	92.7		
MS	1,2-dichloroethane-d4	100	107	107.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	98.9	98.9	(80.00 - 120.00)	7.9
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.0	95.0		
MS	Toluene-d8	100	98.8	98.8	(80.00 - 120.00)	
MSD	Toluene-d8	100	104	104.0	(80.00 - 120.00)	5.1
LCS1	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	106	106.0		
MS	4-Bromofluorobenzene	100	98.6	98.6	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	102	102.0	(80.00 - 120.00)	3.4
LCS1	trans-1,2-Dichloroethylene	8	8.68	108.5	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	8.43	105.4	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.40	105.0	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	7.95	99.4	(70.00 - 130.00)	5.5
LCS1	Trichlorotrifluoroethane(Freon	4	4.38	109.5	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.41	105.1	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.38	104.8	(70.00 - 130.00)	
MSD	Toluene	8	8.37	104.6	(70.00 - 130.00)	0.12
LCS1	Vinyl chloride (VC)	4	4.66	116.5	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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Foster Wheeler Environmental, Inc
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QC Batch #87543 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	8	7.21	90.1	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	8.63	107.9	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	8.44	105.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.68	96.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	7.75	96.9	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	7.63	95.4	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.33	104.1	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	15.8	98.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.13	101.6	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				

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(continued)

MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98 1112135			(0.00 - 0.00)	
LCS1	Benzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	8.35	104.4	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.61	95.1	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	8.99	112.4	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	7.84	98.0	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	8.85	110.6	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	8.04	100.5	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	7.86	98.2	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	7.72	96.5	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.03	100.8	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				

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MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	15.8	98.8	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.39	104.9	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.15	101.9	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	7.49	93.6	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	93.2	93.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	98.8	98.8		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.3	95.3		
MS	Toluene-d8	100	97	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	103	103.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	102	102.0		
MS	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.00
LCS1	trans-1,2-Dichloroethylene	8	7.99	99.9	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80

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LCS1	Trichlorotrifluoroethane(Freon	4	4.17	104.2	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	7.98	99.8	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.32	108.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87647 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	
LCS1	Chloride	25	26.7	106.8	(90.00 - 110.00)	
LCS2	Chloride	25	25.4	101.6	(90.00 - 110.00)	5.0
MBLK	Chloride	ND				
MS	Chloride	25	27.0	108.0	(80.00 - 120.00)	
MSD	Chloride	25	24.6	98.4	(80.00 - 120.00)	9.3

QC Batch #87651 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1113537		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.71	108.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.71	108.4	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.67	106.8	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.70	108.0	(80.00 - 120.00)	1.1

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QC Batch #87653 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112139		(0.00 - 0.00)	
LCS1	Sulfate	50	52.7	105.4	(90.00 - 110.00)	
LCS2	Sulfate	50	50.1	100.2	(90.00 - 110.00)	5.1
MBLK	Sulfate	ND				
MS	Sulfate	50	56.6	113.2	(80.00 - 120.00)	
MSD	Sulfate	50	52.8	105.6	(80.00 - 120.00)	6.9

QC Batch #87706 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1112136		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	694	99.1	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87795 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	92.8	96.5	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.4	98.1	(90.00 - 110.00)	1.7
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	82.0	85.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	79.0	82.1	(80.00 - 120.00)	3.7

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

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #87850 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1112135		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	3.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	1.0

QC Batch #87852 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.1	100.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	0.00

QC Batch #87859 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	508	101.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	486	97.2	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	0.00

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

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a Division of Montgomery Watson Americas, Inc.
555 East Walnut Street
Pasadena, California 91101
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1 800 566 LABS (1 800 566 5227)

Foster Wheeler Environmental, Inc
(continued)

QC Batch #88082 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	48.0	96.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	48.9	97.8	(85.00 - 115.00)	1.9
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	49.6	99.2	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	49.4	98.8	(70.00 - 130.00)	0.40

QC Batch #88085 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.0	95.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.3	96.5	(80.00 - 120.00)	0.52

QC Batch #88089 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	19.8	99.0	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	19.9	99.5	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.5	97.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	19.6	98.0	(70.00 - 130.00)	0.51

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

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #88091 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1110218		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	49.1	98.2	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	49.3	98.6	(85.00 - 115.00)	0.41
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	48.0	96.0	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	48.5	97.0	(70.00 - 130.00)	1.0

QC Batch #88219 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1113540		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.5	102.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.9	109.5	(90.00 - 110.00)	6.6
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	23.0	115.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	22.7	113.5	(75.00 - 125.00)	1.3

QC Batch #88245 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0213	106.5	(85.00 - 115.00)	0.94
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0219	109.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0205	102.5	(70.00 - 130.00)	6.6

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

49271 TEMP: 9 - 12
B.I.: OKAY

NUMBER **2716**

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572 0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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, As, Pb (6010/7000)	MAJOR ANIONS + TDS	HEX. Cr	ClO4	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6	
MW-984-100	0800	11/13/98	2	2x40ml	X			X									
MW-984-007	0910	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-984-001	1045	11/13/98	6	↓	X			X	X	X	X	X					
MW-984-038	1145	11/13/98	6	2x40ml 2x125ml 2x500ml	X			X	X	X	X	X			X		
MW-984-038MS	1145	11/13/98	2	2x40ml	X								X				
MW-984-038MSD	1145	11/13/98	2	2x40ml	X									X			
MW-984-013	1315	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-984-018	1515	11/13/98	6	↓	X			X	X	X	X	X				X	
MW-984-019	1520	11/13/98	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-984-014	1635	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
[signature]	[illegible]	[signature]			
COMPANY: [illegible]	TIME: 11:05	COMPANY: [illegible]	COMPANY:	TIME:	COMPANY:

MONTGOMERY WATSON LABORATORIES

December 14, 1998

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

Attention: Mark Cutler

Re: Report # 49302 (MW-984-110, -109, -069, -068, -067, -066, -065)

Dear Mark,

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

Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times):
None
Samples requiring dilution (with increased MRL's):
Diluted for Anions: MW-984-065, -066
Method blanks with compounds detected:
None
Other Comments:
1,1-Dichloroethane was detected in sample ID: MW-984-065
Chloroform was detected in sample ID: MW-984-109
Tetrachloroethylene was detected in sample ID: MW-984-065
Perchlorate was detected in sample ID: MW-984-065
TICS:
Chlorodifluoromethane was detected in sample ID: MW-984-109
Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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

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

Quality Environmental Analysis

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49302
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/16/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled				Matrix		Sample Date
981116096	MW-984-110					Water		11/16/98
		@EBASVOA						
981116097	MW-984-109					Water		11/16/98
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
		CLO4						
981116098	MW-984-069					Water		11/16/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS		
		TDS	CATION1	ANION1	PH	EC	HCO3	
		CO3	ALK	NO3	SO4	CL	FE-MS	
		K	NA	MG	CA	CLO4		
981116099	MW-984-068					Water		11/16/98
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3	ALK	
		CO3	HCO3	EC	PH	ANION1	CATIO	
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
981116100	MW-984-067					Water		11/16/98
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3	ALK	
		CO3	HCO3	EC	PH	ANION1	CATIO	
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
981116101	MW-984-066					Water		11/16/98
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3	ALK	
		CO3	HCO3	EC	PH	ANION1	CATIO	
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		
981116102	MW-984-065					Water		11/16/98
		@EBASVOA	CLO4	CA	MG	NA		
		K	FE-MS	CL	SO4	NO3	ALK	
		CO3	HCO3	EC	PH	ANION1	CATIO	
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI		

Test Acronym Description

Test Acronym	Description

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49302
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

49302

NUMBER 2714

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572 0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON (MWS)

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	Hex. Cr.	ClO4	MS for VOCs	MSD for VOCs	MS/MSD for Metals	QC for Cr
MW-934-110	0845	11/16/99	2	2x40ml	X			X								
MW-934-109	0945		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X				
MW-934-068	0930		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW-934-069	1115		6	↓	X			X	X	X	X	X				
MW-934-067	1220		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X	
MW-934-066	1330		6	2x40ml 1x125ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW-934-065	1500		6	↓	X			X	X	X	X	X				X
MW-934-067MS	1220		2	2x40ml	X								X			
MW-934-067MSD	1220	↓	2	2x40ml	X									X		

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11-16-99	[illegible]			
COMPANY: FWENC	TIME: 16:25	COMPANY: MWL	COMPANY	TIME	COMPANY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 11-16-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-16-98
by (print) Mike Chinong (sign) _____

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

2. Were custody seals on outside of cooler? **Yes** No
   If YES, how many & where: 2 outside of cooler
   If Yes, enter the following: seal date: 11-16-98, seal name: ~~BP~~ — JB DEB 11/19/98 See reverse

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

4. Were custody papers sealed in bag & taped to lid? **Yes** No

5. Were custody papers filled out properly (ink, etc.) **Yes** No

6. Did you sign custody papers in appropriate place? **Yes** No

7. Was project identifiable from custody papers? **Yes** No

8. Have designated person(s) initial to acknowledge receipt: _____(date)_____

B. LOG-IN PHASE: Date samples were logged-in: _____ by:
(print)_____(sign)_____

9. Describe packing:

10. If required, was enough ice used? **Yes** No

11. Were all bottles sealed in separate plastic bags? **Yes** No

12. Did all bottles arrive unbroken/in good condition? **Yes** No

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

14. Did all bottle labels agree with custody papers? **Yes** No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? **Yes** No

16. Were correct preservatives used when required? **Yes** No

17. Was sufficient amount of sample sent for tests? **Yes** No

18. Bubbles absent in VOA vials? **Yes** No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR49302

		Result	MDL	UNITS
Analyzed	981116096 MW-984-110			
Analyzed	981116097 MW-984-109			
11/20/98	Chloroform (Trichloromethane)	1.2	.500	UGL
Analyzed	981116098 MW-984-069			
11/21/98	Alkalinity	110	2.000	MGL
11/25/98	Anion Sum	3.36	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	130	.001	MGL
12/01/98	Calcium, Total, ICAP	5.31	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	8.45	.001	MGL
12/02/98	Cation Sum	3.61	.001	MEQL
11/18/98	Chloride	7.68	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	120	******	UGL
11/17/98	Lab pH	9.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP	1.14	.100	MGL
12/01/98	Potassium, Total, ICAP	1.08	1.000	MGL
12/01/98	Sodium, Total, ICAP	74.1	1.000	MGL
11/23/98	Specific Conductance	325	4.000	UMHO
11/18/98	Sulfate	45.5	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)	330	10.000	MGL
Analyzed	981116099 MW-984-068			
11/21/98	Alkalinity	139	2.000	MGL
11/25/98	Anion Sum	3.54	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	169	.001	MGL
12/01/98	Calcium, Total, ICAP	30.1	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.550	.001	MGL
12/02/98	Cation Sum	3.50	.001	MEQL
11/18/98	Chloride	10.6	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	290	******	UGL
11/17/98	Lab pH	7.7	.001	UNIT
12/01/98	Magnesium, Total, ICAP	9.64	.100	MGL
11/18/98	Nitrate-N by IC	4.45	.100	MGL
12/01/98	Potassium, Total, ICAP	1.56	1.000	MGL
12/01/98	Sodium, Total, ICAP	26.8	1.000	MGL
11/23/98	Specific Conductance	300	4.000	UMHO
11/18/98	Sulfate	6.78	2.000	MGL
11/19/98	Total Dissolved Solid (TDS)	200	10.000	MGL
Analyzed	981116100 MW-984-067			
11/21/98	Alkalinity	146	2.000	MGL
11/25/98	Anion Sum	4.89	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	178	.001	MGL
12/01/98	Calcium, Total, ICAP	42.3	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	1.16	.001	MGL
12/02/98	Cation Sum	4.81	.001	MEQL
11/18/98	Chloride	30.1	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	520	******	UGL
11/17/98	Lab pH	8.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP	14.5	.100	MGL

11/18/98	Nitrate-N by IC	9.71	.100	MGL
12/01/98	Potassium, Total, ICAP	1.89	1.000	MGL
12/01/98	Sodium, Total, ICAP	33.5	1.000	MGL
11/23/98	Specific Conductance	435	4.000	UMH
11/18/98	Sulfate	20.3	2.000	MG
11/23/98	Total Dissolved Solid (TDS)	280	10.000	MGL

Analyzed 981116101 MW-984-066

11/21/98	Alkalinity	177	2.000	MGL
11/25/98	Anion Sum	7.09	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	216	.001	MGL
12/01/98	Calcium, Total, ICAP	65.4	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.559	.001	MGL
12/04/98	Cation Sum	6.87	.001	MEQL
11/18/98	Chloride	58.5	2.000	MGL
11/25/98	Iron, Total, ICAP/MS	250	******	UGL
11/17/98	Lab pH	7.6	.001	UNIT
12/01/98	Magnesium, Total, ICAP	26.0	.100	MGL
11/18/98	Nitrate-N by IC	9.89	.200	MGL
12/01/98	Potassium, Total, ICAP	2.29	1.000	MGL
12/01/98	Sodium, Total, ICAP	32.2	1.000	MGL
11/23/98	Specific Conductance	620	4.000	UMHO
11/18/98	Sulfate	57.2	4.000	MGL
11/23/98	Total Dissolved Solid (TDS)	410	10.000	MGL

Analyzed 981116102 MW-984-065

11/18/98	1,1-Dichloroethane	0.7	.500	UGL
11/18/98	Tetrachloroethylene (PCE)	1.7	.500	UGL
11/21/98	Alkalinity	204	2.000	MGL
11/25/98	Anion Sum	11.0	.001	ME
11/25/98	Bicarbonate as HCO3,calculated	249	.001	MGL
12/01/98	Calcium, Total, ICAP	113	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.129	.001	MGL
12/02/98	Cation Sum	10.6	.001	MEQL
11/18/98	Chloride	110	2.000	MGL
11/25/98	Iron, Total, ICAP/MS	1200	******	UGL
11/17/98	Lab pH	6.9	.001	UNIT
12/01/98	Magnesium, Total, ICAP	42.8	.100	MGL
11/18/98	Nitrate-N by IC	10.5	.200	MGL
12/01/98	Perchlorate	5.01	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.62	1.000	MGL
12/01/98	Sodium, Total, ICAP	31.2	1.000	MGL
11/23/98	Specific Conductance	935	4.000	UMHO
11/18/98	Sulfate	149	4.000	MGL
11/23/98	Total Dissolved Solid (TDS)	600	10.000	MGL

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Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS
SUBMITTED ON
DEC 10 1998

DEB* Debbie Frank

Report#: 49302
JPL

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Laboratory Report #49302

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

Samples Received
16-nov-1998 16:39:10

MW-984-110 (981116096) Sampled on 11/16/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	89	% 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-984-109 (981116097) Sampled on 11/16/98								
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	11/30/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87753	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87753	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87753	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Carbon Tetrachloride	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
	11/20/98	87753	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.2	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Chlorodifluoromethane	1.0	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	120	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	99	% Rec		
MW-984-069 (981116098) Sampled on 11/16/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	110	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.36	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	5.31	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	3.61	meq/l	0.0010	1
	11/18/98	87678	(ML/EPA 300)	Chloride	7.68	mg/l	1.0	1
	12/01/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	8.45	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87635	(ML/S2510B)	Specific Conductance	325	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	120	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	130	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.08	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	1.14	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	74.1	mg/l	1.0	1
	11/18/98	87680	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87373	(ML/SM 4500H)	Lab pH	9.0	Units	0.0010	1
	11/18/98	87682	(ML/EPA 300.0)	Sulfate	45.5	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	330	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-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
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	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
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

MW-984-068 (981116099) Sampled on 11/16/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	139	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.54	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	30.1	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	3.50	meq/l	0.0010	1
	11/18/98	87678	(ML/EPA 300)	Chloride	10.6	mg/l	1.0	1
	12/01/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.550	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87635	(ML/S2510B)	Specific Conductance	300	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	290	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	169	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.56	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	9.64	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	26.8	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87680	(ML/EPA 300.0)	Nitrate-N by IC	4.45	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87375	(ML/SM 4500H)	Lab pH	7.7	Units	0.0010	1
	11/18/98	87682	(ML/EPA 300.0)	Sulfate	6.78	mg/l	2.0	1
	11/19/98	87706	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	107	% Rec		
			(Surrogate)	4-Bromofluorobenzene	100	% 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-984-067 (981116100) Sampled on 11/16/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	146	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	4.89	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	42.3	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	4.81	meq/l	0.0010	1
	11/18/98	87678	(ML/EPA 300)	Chloride	30.1	mg/l	1.0	1
	12/01/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.16	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87635	(ML/S2510B)	Specific Conductance	435	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	520	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	178	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.89	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	14.5	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	33.5	mg/l	1.0	1
	11/18/98	87680	(ML/EPA 300.0)	Nitrate-N by IC	9.71	mg/l	0.10	1
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87375	(ML/SM 4500H)	Lab pH	8.0	Units	0.0010	1
	11/18/98	87682	(ML/EPA 300.0)	Sulfate	20.3	mg/l	2.0	1
	11/23/98	87903	(ML/S2540C)	Total Dissolved Solid (TDS)	280	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	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
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	111	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

MW-984-066 (981116101) Sampled on 11/16/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	177	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	7.09	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	65.4	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	6.87	meq/l	0.0010	1
	11/18/98	87678	(ML/EPA 300)	Chloride	58.5	mg/l	2.0	2
	12/01/98	88219	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.559	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87636	(ML/S2510B)	Specific Conductance	620	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	250	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	216	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.29	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	26.0	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	32.2	mg/l	1.0	1
	11/18/98	87680	(ML/EPA 300.0)	Nitrate-N by IC	9.89	mg/l	0.20	2

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87375	(ML/SM 4500H)	Lab pH	7.6	Units	0.0010	1
	11/18/98	87682	(ML/EPA 300.0)	Sulfate	57.2	mg/l	4.0	2
	11/23/98	87903	(ML/S2540C)	Total Dissolved Solid (TDS)	410	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(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	102	% Rec		
			(Surrogate)	Toluene-d8	97	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-065 (981116102) Sampled on 11/16/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	204	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	11.0	meq/l	0.0010	1
11/24/98	12/03/98	88245	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	113	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	10.6	meq/l	0.0010	1
	11/18/98	87678	(ML/EPA 300)	Chloride	110	mg/l	2.0	2
	12/01/98	88219	(MOD/EPA 300)	Perchlorate	5.01	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.129	mg/l	0.0010	1
11/24/98	11/25/98	87850	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/16/98	87323	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	935	umho/cm	4.0	1
11/24/98	11/25/98	87859	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1200	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	249	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.62	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	42.8	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	31.2	mg/l	1.0	1
	11/18/98	87680	(ML/EPA 300.0)	Nitrate-N by IC	10.5	mg/l	0.20	2
11/24/98	11/25/98	87852	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/17/98	87375	(ML/SM 4500H)	Lab pH	6.9	Units	0.0010	1
	11/18/98	87682	(ML/EPA 300.0)	Sulfate	149	mg/l	4.0	2
	11/23/98	87903	(ML/S2540C)	Total Dissolved Solid (TDS)	600	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/18/98	87543	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethane	0.7	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/18/98	87543	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/18/98	87543	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.7	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/18/98	87543	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	98	% Rec		
			(Surrogate)	4-Bromofluorobenzene	95	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

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QC Batch #87323 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116102		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0500	100.0	(80.00 - 120.00)	1.2

QC Batch #87373 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1116098		(0.00 - 0.00)	

QC Batch #87375 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1116102		(0.00 - 0.00)	

QC Batch #87543 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	8	7.21	90.1	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	8.63	107.9	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	8.44	105.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.68	96.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	7.75	96.9	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1

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MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	7.63	95.4	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.33	104.1	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	15.8	98.8	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.13	101.6	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Benzene	8	7.96	99.5	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	8.35	104.4	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	7.61	95.1	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				

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LCS1	Bromoform	8	8.99	112.4	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	8	7.84	98.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	8	8.85	110.6	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	8	8.04	100.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	8	7.86	98.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	8	7.72	96.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	4	4.03	100.8	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	16	15.8	98.8	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	8	8.39	104.9	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.15	101.9	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	8	7.49	93.6	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	8	7.96	99.5	(70.00 - 130.00)
MBLK	Styrene	ND			

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LCS1	1,2-dichloroethane-d4	100	93.2	93.2	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	98.8	98.8		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	102	102.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	95.3	95.3		
MS	Toluene-d8	100	97	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	103	103.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	102	102.0		
MS	4-Bromofluorobenzene	100	100	100.0	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.00
LCS1	trans-1,2-Dichloroethylene	8	7.99	99.9	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.77	97.1	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80
LCS1	Trichlorotrifluoroethane(Freon	4	4.17	104.2	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	7.98	99.8	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.32	108.0	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87635 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1116100		(0.00 - 0.00)	

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QC Batch #87636 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1118208		(0.00 - 0.00)	

QC Batch #87637 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1118212		(0.00 - 0.00)	

QC Batch #87678 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116099		(0.00 - 0.00)	
LCS1	Chloride	25	24.1	96.4	(90.00 - 110.00)	
LCS2	Chloride	25	24.0	96.0	(90.00 - 110.00)	0.42
MBLK	Chloride	ND				
MS	Chloride	25	26.2	104.8	(80.00 - 120.00)	
MSD	Chloride	25	25.9	103.6	(80.00 - 120.00)	1.2

QC Batch #87680 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116099		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.41	96.4	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.41	96.4	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.56	102.4	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.51	100.4	(80.00 - 120.00)	2.0

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QC Batch #87682 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116099		(0.00 - 0.00)	
LCS1	Sulfate	50	47.5	95.0	(90.00 - 110.00)	
LCS2	Sulfate	50	47.4	94.8	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	49.7	99.4	(80.00 - 120.00)	
MSD	Sulfate	50	49.4	98.8	(80.00 - 120.00)	0.61

QC Batch #87706 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1112136		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	180	102.9	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	694	99.1	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #87753 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	8	8.51	106.4	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.89	123.6	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	9.97	124.6	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	8.52	106.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.45	105.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	

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MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	8.86	110.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	9.02	112.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	9.76	122.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	17.7	110.6	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	9.53	119.1	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Benzene	8	8.67	108.4	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	9.20	115.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	9.40	117.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	8.29	103.6	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				

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MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	8	10.2	127.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	8	8.86	110.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	8	9.63	120.4	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	8	9.24	115.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	8	9.50	118.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	8	9.09	113.6	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	4	4.39	109.7	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	16	18.5	115.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	8	9.74	121.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.39	104.9	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	8	8.58	107.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
LCS1	Styrene	8	9.61	120.1	(70.00 - 130.00)

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

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(continued)

MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	97.1	97.1		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	109	109.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	96.8	96.8		
MS	Toluene-d8	100	97.0	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	107	107.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	99.9	99.9	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.1
LCS1	trans-1,2-Dichloroethylene	8	8.62	107.7	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	8.96	112.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80
LCS1	Trichlorotrifluoroethane(Freon	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.88	111.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.85	121.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87795 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	92.8	96.5	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.4	98.1	(90.00 - 110.00)	1.7

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(continued)

MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	82.0	85.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	79.0	82.1	(80.00 - 120.00)	3.7

QC Batch #87850 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1112135		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	98	98.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	95	95.0	(85.00 - 115.00)	3.1
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	96	96.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95	95.0	(70.00 - 130.00)	1.0

QC Batch #87852 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.1	100.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.3	101.5	(70.00 - 130.00)	0.00

QC Batch #87859 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	508	101.6	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	486	97.2	(85.00 - 115.00)	4.4
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	477	95.4	(70.00 - 130.00)	0.00

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87903 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1116100		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	170	97.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	676	96.6	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #88084 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.0	94.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.1	94.2	(85.00 - 115.00)	0.21
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.3	96.6	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.62

QC Batch #88086 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.8	99.0	(80.00 - 120.00)	2.0

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QC Batch #88090 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	20.1	100.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.7	98.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.0	100.0	(70.00 - 130.00)	1.5

QC Batch #88092 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.9	101.8	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	51.1	102.2	(85.00 - 115.00)	0.39
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	49.9	99.8	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	51.0	102.0	(70.00 - 130.00)	2.2

QC Batch #88219 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1113540		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	20.5	102.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.9	109.5	(90.00 - 110.00)	6.6
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	23.0	115.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	22.7	113.5	(75.00 - 125.00)	1.3

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88245 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1112135		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0213	106.5	(85.00 - 115.00)	0.94
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0219	109.5	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0205	102.5	(70.00 - 130.00)	6.6

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

MONTGOMERY WATSON LABORATORIES

December 14, 1998

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

Attention: Mark Cutler

Re: Report # 49425 (MW-984-112, -111, -074, -073, -072, -071, -070)

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):
(CLO4) The MS/MSD for Perchlorate QC batch # 88222 did not meet the MWL acceptance criteria of 75-125%. The RPD of 3.7% is acceptable. MW-984-071 was used for the MS/MSD. Results for Perchlorate for this sample may contain a low bias. All other QC is acceptable and data is reported. QIR WET-98-97

Samples requiring dilution (with increased MRL's):
Diluted for Anions: MW-984-070, -071
Diluted for Iron: MW-984-070

Method blanks with compounds detected:
None

Other Comments:
1,1-dichloroethane was detected in sample ID: MW-984-071
Carbon Tetrachloride was detected in sample ID: MW-984-070
Chloroform was detected in sample ID: MW-984-111, -071, -070
Tetrachloroethylene was detected in sample ID: MW-984-071
Trichloroethylene was detected in sample ID: MW-984-071, -070
Perchlorate was detected in sample ID: MW-984-074, -071, -070

TICS:
2-methyl-1-propene was detected in sample ID: MW-984-074

Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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Pasadena, California 91101
Tel: 626 568 6400
Fax: 626 568 6324

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

Quality Environmental Analysis

QUALITY INVESTIGATION REPORT

QIR No. WET-98-97

Analysis Date: 12/2/98
Analysis: C104
Extraction Date:
Matrix: H2O
Analyst: Ezu
Instrument ID: IC

SAMPLES IMPACTED

Lab #	Client ID	Client Name	Lab #	Client ID	Client Name
98111827-312 98111911-120		ENSERCH ↓			

Brief Description: (include reason for non-compliance)

MS/MSD out of control limits (66% + 69%). All other Q.C. are within control limit.

Action Taken:

- Ali pls reanalyze to confirm matrix affect for -071

Impact on Data Quality:

No impact expected.

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

Other:

Annotation:

Client Contact: Sample # 98111821 ID MW 484-071 may have a low bias to clo4 result

None at this time

Extraction:		Date:	
Analyst:	[signature]	Date:	12/3/98
Group Leader:	[signature]	Date:	12/7/98
QA Coordinator:	[signature]	Date:	12/9/98
Project Manager:	[signature]	Date:	12/14/98

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49425
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/18/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix				Sample Date
981118206	MW-984-112		Water				11/18/98
		@EBASVOA					
981118207	MW-984-111		Water				11/18/98
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
		CLO4					
981118208	MW-984-074		Water				11/18/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS	
		TDS	CATION1	ANION1	PH	EC	HCO3
		CO3	ALK	NO3	SO4	CL	FE-MS
		K	NA	MG	CA	CLO4	
981118209	MW-984-073		Water				11/18,
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981118210	MW-984-072		Water				11/18/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981118211	MW-984-071		Water				11/18/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981118212	MW-984-070		Water				11/18/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	

Test Acronym Description

Test Acronym	Description

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49425
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

NUMBER 2719

49425

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

PROJECT: JPL

OFS NO.: 1572 0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 ASC, PB (6010/7000)	MAJOR ANIONS, TDS	HEX Cr	ClO4	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6+
MW 984-112	0900	11/18/98	2	2x40ml	X			X								
MW 984-111	1030	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X				
MW 984-074	1015	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW 984-073	1125	↓	6	↓	X			X	X	X	X	X				
MW 984-072	1230	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X	
MW 984-072MS	1230	↓	2	2x40ml	X								X			
MW 984-072MSD	1230	↓	2	2x40ml	X									X		
MW 984-071	1345	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				
MW 984-070	1600	↓	6	↓	X			X	X	X	X	X				X

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11-18-98	[signature]			
COMPANY: JPL	TIME: 17:00	COMPANY: MWL	COMPANY	TIME	COMPANY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 11-18-98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11-18-98

by (print) Mike Chiang (sign) [illegible]

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

2. Were custody seals on outside of cooler? (Yes) No
   If YES, how many & where: 3 outside of cooler
   If Yes, enter the following: seal date: 11-18-98, seal name: MS ✓

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

4. Were custody papers sealed in bag & taped to lid? Yes (No) HANDED OVER BY CLIENT.

5. Were custody papers filled out properly (ink, etc.) (Yes) No

6. Did you sign custody papers in appropriate place? (Yes) No

7. Was project identifiable from custody papers? (Yes) No

8. Have designated person(s) initial to acknowledge receipt: ____ (date) 11-18-98

B. LOG-IN PHASE: Date samples were logged-in: 11-18-98 by:
   (print) MIKE ROSA (sign) [illegible]

9. Describe packing:

10. If required, was enough ice used? (Yes) No

11. Were all bottles sealed in separate plastic bags? (Yes) No

12. Did all bottles arrive unbroken/in good condition? (Yes) No

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

14. Did all bottle labels agree with custody papers? (Yes) No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? (Yes) No

16. Were correct preservatives used when required? (Yes) No

17. Was sufficient amount of sample sent for tests? (Yes) No

18. Bubbles absent in VOA vials? (Yes) No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR49425

			Result	MDL	UNITS
Analyzed	981118206	MW-984-112			
Analyzed	981118207	MW-984-111			
11/19/98	Chloroform (Trichloromethane)		1.1	.500	UGL
Analyzed	981118208	MW-984-074			
11/21/98	Alkalinity		202	2.000	MGL
11/25/98	Anion Sum		5.50	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		227	.001	MGL
12/01/98	Calcium, Total, ICAP		5.14	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		46.6	.001	MGL
12/04/98	Cation Sum		5.72	.001	MEQL
11/20/98	Chloride		25.9	1.000	MGL
11/25/98	Iron, Total, ICAP/MS		150	******	UGL
11/23/98	Lab pH		9.5	.001	UNIT
12/01/98	Magnesium, Total, ICAP		1.12	.100	MGL
12/02/98	Perchlorate		16.9	4.000	UGL
12/01/98	Potassium, Total, ICAP		2.70	1.000	MGL
12/01/98	Sodium, Total, ICAP		122	1.000	MGL
11/23/98	Specific Conductance		490	4.000	UMHO
11/20/98	Sulfate		34.8	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)		300	10.000	MGL
Analyzed	981118209	MW-984-073			
11/21/98	Alkalinity		134	2.000	MGL
11/25/98	Anion Sum		3.60	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		163	.001	MGL
12/01/98	Calcium, Total, ICAP		31.1	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.668	.001	MGL
12/04/98	Cation Sum		3.75	.001	MEQL
11/20/98	Chloride		12.9	1.000	MGL
11/25/98	Iron, Total, ICAP/MS		200	******	UGL
11/23/98	Lab pH		7.8	.001	UNIT
12/01/98	Magnesium, Total, ICAP		11.1	.100	MGL
11/20/98	Nitrate-N by IC		6.16	.100	MGL
12/01/98	Potassium, Total, ICAP		1.78	1.000	MGL
12/01/98	Sodium, Total, ICAP		28.4	1.000	MGL
11/23/98	Specific Conductance		300	4.000	UMHO
11/20/98	Sulfate		5.7	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)		180	10.000	MGL
Analyzed	981118210	MW-984-072			
11/21/98	Alkalinity		138	2.000	MGL
11/25/98	Anion Sum		4.40	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated		168	.001	MGL
12/01/98	Calcium, Total, ICAP		40.9	1.000	MGL
11/25/98	Carbonate as CO3, Calculated		0.689	.001	MGL
12/02/98	Cation Sum		4.47	.001	MEQL
11/20/98	Chloride		23.7	1.000	MGL
11/25/98	Iron, Total, ICAP/MS		270	******	UGL
11/23/98	Lab pH		7.8	.001	UNI

12/01/98	Magnesium, Total, ICAP	14.4	.100	MGL
11/20/98	Nitrate-N by IC	9.78	.100	MGL
12/01/98	Potassium, Total, ICAP	1.73	1.000	MGL
12/01/98	Sodium, Total, ICAP	27.5	1.000	MGL
11/23/98	Specific Conductance	380	4.000	UMHO
11/20/98	Sulfate	13.0	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)	240	10.000	MGL

Analyzed 981118211 MW-984-071

11/19/98	1,1-Dichloroethane	0.6	.500	UGL
11/19/98	Chloroform (Trichloromethane)	0.6	.500	UGL
11/19/98	Tetrachloroethylene (PCE)	0.7	.500	UGL
11/19/98	Trichloroethylene (TCE)	0.6	.500	UGL
11/21/98	Alkalinity	201	2.000	MGL
11/25/98	Anion Sum	10.9	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	245	.001	MGL
12/01/98	Calcium, Total, ICAP	115	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.252	.001	MGL
12/02/98	Cation Sum	10.7	.001	MEQL
11/20/98	Chloride	104	2.000	MGL
11/25/98	Iron, Total, ICAP/MS	610	******	UGL
11/23/98	Lab pH	7.2	.001	UNIT
12/01/98	Magnesium, Total, ICAP	41.3	.100	MGL
11/20/98	Nitrate-N by IC	14.7	.200	MGL
12/02/98	Perchlorate	16.3	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.62	1.000	MGL
12/01/98	Sodium, Total, ICAP	34.7	1.000	MGL
11/23/98	Specific Conductance	880	4.000	UMHO
11/20/98	Sulfate	140	4.000	MGL
11/25/98	Total Dissolved Solid (TDS)	580	10.000	MGL

Analyzed 981118212 MW-984-070

11/20/98	Carbon Tetrachloride	0.8	.500	UGL
11/20/98	Chloroform (Trichloromethane)	1.9	.500	UGL
11/20/98	Trichloroethylene (TCE)	15	.500	UGL
11/23/98	Alkalinity	176	2.000	MGL
11/25/98	Anion Sum	6.32	.001	MEQL
11/25/98	Bicarbonate as HCO3,calculated	215	.001	MGL
12/01/98	Calcium, Total, ICAP	63.6	1.000	MGL
11/25/98	Carbonate as CO3, Calculated	0.140	.001	MGL
12/04/98	Cation Sum	6.38	.001	MEQL
11/20/98	Chloride	35.4	2.000	MGL
11/25/98	Chromium, Total, ICAP/MS	10	10.000	UGL
11/25/98	Iron, Total, ICAP/MS	1960	******	UGL
11/23/98	Lab pH	7.0	.001	UNIT
12/01/98	Magnesium, Total, ICAP	24.2	.100	MGL
11/20/98	Nitrate-N by IC	7.12	.200	MGL
12/02/98	Perchlorate	20.8	4.000	UGL
12/01/98	Potassium, Total, ICAP	2.00	1.000	MGL
12/01/98	Sodium, Total, ICAP	26.5	1.000	MGL
11/23/98	Specific Conductance	540	4.000	UMHO
11/20/98	Sulfate	62.2	4.000	MGL
11/25/98	Total Dissolved Solid (TDS)	310	10.000	MGL

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Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

DEC 11 1998
DEB* Debbie Frank

Report#: 49425
JPL

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Laboratory Report #49425

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

Samples Received
18-nov-1998 17:25:45

MW-984-112 (981118206) Sampled on 11/18/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	113	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-111 (981118207) Sampled on 11/18/98								
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	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
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	99	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	96	% Rec		
MW-984-074 (981118208) Sampled on 11/18/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	202	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	5.50	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	5.14	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	5.72	meq/l	0.0010	1
	11/20/98	87683	(ML/EPA 300)	Chloride	25.9	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	16.9	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	46.6	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	490	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	150	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	227	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.70	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	1.12	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	122	mg/l	1.0	1
	11/20/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	9.5	Units	0.0010	1
	11/20/98	87687	(ML/EPA 300.0)	Sulfate	34.8	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	300	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-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
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	2-Methyl-1-propene	3.1	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	94	% Rec		

MW-984-073 (981118209) Sampled on 11/18/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	134	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.60	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	31.1	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	3.75	meq/l	0.0010	1
	11/20/98	87683	(ML/EPA 300)	Chloride	12.9	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.668	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	300	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	200	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	163	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.78	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	11.1	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	28.4	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	6.16	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	7.8	Units	0.0010	1
	11/20/98	87687	(ML/EPA 300.0)	Sulfate	5.7	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	90	% Rec		
			(Surrogate)	Toluene-d8	100	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-072 (981118210) Sampled on 11/18/98								
	11/21/98	87795	(ML/S2320B)	Alkalinity	138	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	4.40	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	40.9	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	4.47	meq/l	0.0010	1
	11/20/98	87683	(ML/EPA 300)	Chloride	23.7	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.689	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	380	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	270	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	168	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.73	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	14.4	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	27.5	mg/l	1.0	1
	11/20/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	9.78	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	7.8	Units	0.0010	1
	11/20/98	87687	(ML/EPA 300.0)	Sulfate	13.0	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	240	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	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
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-984-071 (981118211) Sampled on 11/18/98

	11/21/98	87795	(ML/S2320B)	Alkalinity	201	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	10.9	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	115	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	10.7	meq/l	0.0010	1
	11/20/98	87683	(ML/EPA 300)	Chloride	104	mg/l	2.0	2
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	16.3	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.252	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	880	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	610	ug/l	100	1
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	245	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.62	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	41.3	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	34.7	mg/l	1.0	1
	11/20/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	14.7	mg/l	0.20	2

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	7.2	Units	0.0010	1
	11/20/98	87687	(ML/EPA 300.0)	Sulfate	140	mg/l	4.0	2
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	580	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/19/98	87574	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethane	0.6	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/19/98	87574	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/19/98	87574	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	0.7	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.6	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/19/98	87574	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-070 (981118212) Sampled on 11/18/98								
	11/23/98	87796	(ML/S2320B)	Alkalinity	176	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	6.32	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	63.6	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	6.38	meq/l	0.0010	1
	11/20/98	87683	(ML/EPA 300)	Chloride	35.4	mg/l	2.0	2
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	20.8	ug/l	4.0	1
	11/25/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.140	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	10	ug/l	10	1
	11/18/98	87404	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87637	(ML/S2510B)	Specific Conductance	540	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1960	ug/l	1000	10
	11/25/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	215	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.00	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	24.2	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	26.5	mg/l	1.0	1
	11/20/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	7.12	mg/l	0.20	2
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	7.0	Units	0.0010	1
	11/20/98	87687	(ML/EPA 300.0)	Sulfate	62.2	mg/l	4.0	2
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	310	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87753	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	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
	11/20/98	87753	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87753	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87753	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Carbon Tetrachloride	0.8	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.9	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	n-Propylbenzene	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
	11/20/98	87753	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Trichloroethylene (TCE)	15	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87753	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	117	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	96	% Rec		

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Laboratory
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Foster Wheeler Environmental, Inc

QC Batch #87404 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118212		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0506	101.2	(80.00 - 120.00)	0.00

QC Batch #87574 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	8	7.68	96.0	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.24	115.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	8.20	102.5	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	7.49	93.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	7.73	96.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	8.49	106.1	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	7.94	99.2	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	8.38	104.8	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	15.7	98.1	(70.00 - 130.00)	

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MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	8.27	103.4	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Benzene	8	7.94	99.2	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	8.83	110.4	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	8.58	107.2	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	7.86	98.2	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	8.87	110.9	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	8.02	100.2	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	8.55	106.9	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	8.22	102.8	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				

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LCS1	Dichloromethane	8	9.00	112.5	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	8.35	104.4	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.14	103.5	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	17.3	108.1	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	8.56	107.0	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	7.86	98.2	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	8.05	100.6	(70.00 - 130.00)	
MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	8.90	111.2	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	98.5	98.5	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	91.1	91.1		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	99.6	99.6	(80.00 - 120.00)	
MBLK	Toluene-d8	100	98.7	98.7		
MS	Toluene-d8	100	97.0	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	104	104.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	107	107.0		
MS	4-Bromofluorobenzene	100	99.9	99.9	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.1

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LCS1	trans-1,2-Dichloroethylene	8	8.08	101.0	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	7.97	99.6	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80
LCS1	Trichlorotrifluoroethane(Freon	4	3.99	99.8	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.20	102.5	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.57	114.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

QC Batch #87637 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1118212		(0.00 - 0.00)	

QC Batch #87661 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1120133		(0.00 - 0.00)	

QC Batch #87683 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Chloride	25	24.1	96.4	(90.00 - 110.00)	
LCS2	Chloride	25	24.1	96.4	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				

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MS	Chloride	25	25.4	101.6	(80.00 - 120.00)	
MSD	Chloride	25	25.6	102.4	(80.00 - 120.00)	0.78

QC Batch #87685 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.40	96.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.41	96.4	(90.00 - 110.00)	0.42
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.38	95.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.44	97.6	(80.00 - 120.00)	2.5

QC Batch #87687 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Sulfate	50	47.3	94.6	(90.00 - 110.00)	
LCS2	Sulfate	50	47.4	94.8	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	48.3	96.6	(80.00 - 120.00)	
MSD	Sulfate	50	48.7	97.4	(80.00 - 120.00)	0.82

QC Batch #87753 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	8	8.51	106.4	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.89	123.6	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	9.97	124.6	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	8.52	106.5	(70.00 - 130.00)	

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(continued)

MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.45	105.6	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.61	95.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	7.77	97.1	(70.00 - 130.00)	2.1
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	8.86	110.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	9.02	112.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	9.76	122.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	17.7	110.6	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	9.53	119.1	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Benzene	8	8.67	108.4	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	7.51	93.9	(70.00 - 130.00)	
MSD	Benzene	8	7.87	98.4	(70.00 - 130.00)	4.7
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	9.20	115.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	9.40	117.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				

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(continued)

MS	Chlorobenzene	8	7.42	92.8	(70.00 - 130.00)	
MSD	Chlorobenzene	8	7.28	91.0	(70.00 - 130.00)	1.9
LCS1	Carbon Tetrachloride	8	8.29	103.6	(70.00 - 130.00)	
MBLK	Carbon Tetrachloride	ND				
MBLK	cis-1,3-Dichloropropene	ND				
LCS1	Bromoform	8	10.2	127.5	(70.00 - 130.00)	
MBLK	Bromoform	ND				
LCS1	Chloroform (Trichloromethane)	8	8.86	110.8	(70.00 - 130.00)	
MBLK	Chloroform (Trichloromethane)	ND				
MBLK	Bromochloromethane	ND				
MBLK	Chloroethane	ND				
MBLK	Chloromethane(Methyl Chloride)	ND				
LCS1	Chlorodibromomethane	8	9.63	120.4	(70.00 - 130.00)	
MBLK	Chlorodibromomethane	ND				
MBLK	Dibromomethane	ND				
LCS1	Bromodichloromethane	8	9.24	115.5	(70.00 - 130.00)	
MBLK	Bromodichloromethane	ND				
LCS1	Dichloromethane	8	9.50	118.8	(70.00 - 130.00)	
MBLK	Dichloromethane	ND				
LCS1	Ethyl benzene	8	9.09	113.6	(70.00 - 130.00)	
MBLK	Ethyl benzene	ND				
MBLK	Dichlorodifluoromethane	ND				
LCS1	Fluorotrichloromethane-Freon11	4	4.39	109.7	(70.00 - 130.00)	
MBLK	Fluorotrichloromethane-Freon11	ND				
MBLK	Hexachlorobutadiene	ND				
MBLK	Isopropylbenzene	ND				
MBLK	m-Dichlorobenzene (1,3-DCB)	ND				
LCS1	m,p-Xylenes	16	18.5	115.6	(70.00 - 130.00)	
MBLK	m,p-Xylenes	ND				
MBLK	Naphthalene	ND				
MBLK	n-Butylbenzene	ND				
MBLK	n-Propylbenzene	ND				
LCS1	o-Xylene	8	9.74	121.8	(70.00 - 130.00)	
MBLK	o-Xylene	ND				
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.39	104.9	(70.00 - 130.00)	
MBLK	o-Dichlorobenzene (1,2-DCB)	ND				
LCS1	Tetrachloroethylene (PCE)	8	8.58	107.2	(70.00 - 130.00)	

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Tetrachloroethylene (PCE)	ND				
MBLK	p-Isopropyltoluene	ND				
MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	9.61	120.1	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	97.1	97.1		
MS	1,2-dichloroethane-d4	100	104	104.0	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	103	103.0	(80.00 - 120.00)	0.97
LCS1	Toluene-d8	100	109	109.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	96.8	96.8		
MS	Toluene-d8	100	97.0	97.0	(80.00 - 120.00)	
MSD	Toluene-d8	100	97.6	97.6	(80.00 - 120.00)	0.62
LCS1	4-Bromofluorobenzene	100	107	107.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	99.9	99.9	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	101	101.0	(80.00 - 120.00)	1.1
LCS1	trans-1,2-Dichloroethylene	8	8.62	107.7	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	8.96	112.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.73	109.1	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	0.80
LCS1	Trichlorotrifluoroethane(Freon	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.88	111.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	7.44	93.0	(70.00 - 130.00)	
MSD	Toluene	8	7.58	94.8	(70.00 - 130.00)	1.9
LCS1	Vinyl chloride (VC)	4	4.85	121.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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(continued)

QC Batch #87795 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1112135		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	92.8	96.5	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.4	98.1	(90.00 - 110.00)	1.7
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	82.0	85.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	79.0	82.1	(80.00 - 120.00)	3.7

QC Batch #87796 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1119120		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	94.5	98.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	0.32
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	1.2

QC Batch #88026 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1118208		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	674	96.3	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88046 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1118210		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	108	108.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	107	107.0	(85.00 - 115.00)	0.93
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	103	103.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101	101.0	(70.00 - 130.00)	2.0

QC Batch #88048 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118210		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	538	107.6	(85.00 - 115.00)	0.37
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	519	103.8	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	513	102.6	(70.00 - 130.00)	1.2

QC Batch #88050 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1118210		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	20.9	104.5	(85.00 - 115.00)	0.96
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.7	103.5	(70.00 - 130.00)	3.3

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88084 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.0	94.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.1	94.2	(85.00 - 115.00)	0.21
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.3	96.6	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.62

QC Batch #88086 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.8	99.0	(80.00 - 120.00)	2.0

QC Batch #88090 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	20.1	100.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.7	98.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.0	100.0	(70.00 - 130.00)	1.5

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #88092 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.9	101.8	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	51.1	102.2	(85.00 - 115.00)	0.39
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	49.9	99.8	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	51.0	102.0	(70.00 - 130.00)	2.2

QC Batch #88222 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118211		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.0	105.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.1	105.5	(90.00 - 110.00)	0.48
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	13.2	66.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	13.7	68.5	(75.00 - 125.00)	3.7

QC Batch #88341 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1118210		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0202	101.0	(85.00 - 115.00)	5.8
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0226	113.0	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0225	112.0	(70.00 - 130.00)	0.44

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

December 14, 1998

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

Attention: Mark Cutler

Re: Report # 49474 (MW-984-114, -113, -024, -023, -022)

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):
(CLO4) The MS/MSD for Perchlorate QC batch # 88222 did not meet the MWL acceptance criteria of 75-125%. The RPD of 3.7% is acceptable. The sample used for MS/MSD is not reported in this set. All other QC is acceptable and data is reported without qualification. QIR WET-98-97

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

Method blanks with compounds detected:
None

Other Comments:
Carbon Tetrachloride was detected in sample ID: MW-984-022
Chloroform was detected in sample ID: MW-984-113, -023, -022
Lead was detected in sample ID: MW-984-022

TICS:
None

Method Variance:
None

Sincerely,

Debbie Frank
Project Manager

cc: Judy Novelly (JPL)

a Division of Montgomery Watson Americas, Inc.

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Tel: 626 568 6400
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4820 South Mill Avenue
Suite 202
Tempe, Arizona 85282
Tel: 602 755 8201
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Quality Environmental Analysis

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

ACKNOWLEDGMENT OF SAMPLES RECEIVED

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49474
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 11/19/98. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

Sample#	Sample Id	Tests Scheduled	Matrix				Sample Date
981119116	MW-984-114		Water				11/19/98
		@EBASVOA					
981119117	MW-984-113		Water				11/19/98
		@EBASVOA	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
		CLO4					
981119118	MW-984-024		Water				11/19/98
		@EBASVOA	CR-VI	PB-EBAS	CR-EBAS	AS-EBAS	
		TDS	CATION1	ANION1	PH	EC	HCO3
		CO3	ALK	NO3	SO4	CL	FE-MS
		K	NA	MG	CA	CLO4	
981119119	MW-984-023		Water				11/19/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	
981119120	MW-984-022		Water				11/19/98
		@EBASVOA	CLO4	CA	MG	NA	
		K	FE-MS	CL	SO4	NO3	ALK
		CO3	HCO3	EC	PH	ANION1	CATIO
		TDS	AS-EBAS	CR-EBAS	PB-EBAS	CR-VI	

Test Acronym Description

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

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

Customer Code: ENSERCH
PO#: Sub PO#007618-0004
Group#: 49474
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

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

NUMBER 2718

FOSTER WHEELER ENVIRONMENTAL CORPORATION

49474

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 AS, Cr, ?Pb (6010/7060)	MAJOR ANIONS ?TDS	HEX. Cr.	PERCHLORATE	QC FOR Cr				
MW-984-114	0815	11/19/98	2	2 x 40ml	X			X									
MW-984-113	0830	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-984-024	0900	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-984-023	1015	↓	6	↓	X			X	X	X	X	X					
MW-984-022	1145	↓	6	↓	X			X	X	X	X	X	X				

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11/19/98	M. DE MESA			
COMPANY: FWENC	TIME: 1350	COMPANY: M.W.	COMPANY	TIME	COMPANY

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: Ensenada Date Received: 11/19/98

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

A. PRELIMINARY EXAMINATION: Date cooler opened: 11/19/98
by (print) Vijay Nepani (sign) Vijay Nepani

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

2. Were custody seals on outside of cooler? **Yes** No
   If YES, how many & where: 4
   If Yes, enter the following: seal date: 11/19/98, seal name: MS

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

4. Were custody papers sealed in bag & taped to lid? Yes **No**

5. Were custody papers filled out properly (ink, etc.) **Yes** No

6. Did you sign custody papers in appropriate place? **Yes** No

7. Was project identifiable from custody papers? **Yes** No

8. Have designated person(s) initial to acknowledge receipt: VKM (date) 11/19/98

B. LOG-IN PHASE: Date samples were logged-in: _____ by:
(print) _____ (sign) _____

9. Describe packing:

10. If required, was enough ice used? **Yes** No

11. Were all bottles sealed in separate plastic bags? **Yes** No

12. Did all bottles arrive unbroken/in good condition? **Yes** No

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

14. Did all bottle labels agree with custody papers? **Yes** No
    If NO, indicate descrepancies on back.

15. Were correct containers useed for the analytes? **Yes** No

16. Were correct preservatives used when required? **Yes** No

17. Was sufficient amount of sample sent for tests? **Yes** No

18. Bubbles absent in VOA vials? **Yes** No
    If NO, list by sample id on back.

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR49474

		Result	MDL	UNITS
Analyzed	981119116 MW-984-114			
Analyzed	981119117 MW-984-113			
11/20/98	Chloroform (Trichloromethane)	1.1	.500	UGL
Analyzed	981119118 MW-984-024			
11/23/98	Alkalinity	128	2.000	MGL
11/25/98	Anion Sum	3.23	.001	MEQL
12/02/98	Bicarbonate as HCO3,calculated	156	.001	MGL
12/01/98	Calcium, Total, ICAP	20.7	1.000	MGL
12/02/98	Carbonate as CO3, Calculated	1.28	.001	MGL
12/04/98	Cation Sum	3.24	.001	MEQL
11/21/98	Chloride	10.8	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	120	******	UGL
11/23/98	Lab pH	8.1	.001	UNIT
12/01/98	Magnesium, Total, ICAP	2.07	.100	MGL
12/01/98	Potassium, Total, ICAP	1.04	1.000	MGL
12/01/98	Sodium, Total, ICAP	46.2	1.000	MGL
11/23/98	Specific Conductance	280	4.000	UMHO
11/21/98	Sulfate	17.5	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)	180	10.000	MGL
Analyzed	981119119 MW-984-023			
11/20/98	Chloroform (Trichloromethane)	0.6	.500	UGL
11/23/98	Alkalinity	156	2.000	MGL
11/25/98	Anion Sum	3.82	.001	MEQL
12/02/98	Bicarbonate as HCO3,calculated	190	.001	MGL
12/01/98	Calcium, Total, ICAP	33.6	1.000	MGL
12/02/98	Carbonate as CO3, Calculated	1.55	.001	MGL
12/04/98	Cation Sum	3.83	.001	MEQL
11/21/98	Chloride	10.4	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	630	******	UGL
11/23/98	Lab pH	8.1	.001	UNIT
12/01/98	Magnesium, Total, ICAP	12.8	.100	MGL
12/01/98	Potassium, Total, ICAP	2.07	1.000	MGL
12/01/98	Sodium, Total, ICAP	24.0	1.000	MGL
11/23/98	Specific Conductance	320	4.000	UMHO
11/21/98	Sulfate	19.6	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)	200	10.000	MGL
Analyzed	981119120 MW-984-022			
11/20/98	Carbon Tetrachloride	1.3	.500	UGL
11/20/98	Chloroform (Trichloromethane)	1.1	.500	UGL
11/23/98	Alkalinity	168	2.000	MGL
11/25/98	Anion Sum	4.25	.001	MEQL
12/02/98	Bicarbonate as HCO3,calculated	204	.001	MGL
12/01/98	Calcium, Total, ICAP	41.6	1.000	MGL
12/02/98	Carbonate as CO3, Calculated	1.33	.001	MGL
12/02/98	Cation Sum	4.28	.001	MEQL
11/21/98	Chloride	11.8	1.000	MGL
11/25/98	Iron, Total, ICAP/MS	110	******	UGL

11/23/98	Lab pH	8.0	.001	UNIT
11/25/98	Lead, Total, ICAP/MS	8.0	2.000	UGL
12/01/98	Magnesium, Total, ICAP	13.4	.100	MGL
11/21/98	Nitrate-N by IC	0.25	.100	MGL
12/01/98	Potassium, Total, ICAP	1.98	1.000	MGL
12/01/98	Sodium, Total, ICAP	24.0	1.000	MGL
11/23/98	Specific Conductance	360	4.000	UMHO
11/21/98	Sulfate	26.1	2.000	MGL
11/25/98	Total Dissolved Solid (TDS)	210	10.000	MGL

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555 East Walnut Street
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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
DEC 10 1998

DEB* Debbie Frank

Report#: 49474
JPL

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Laboratory Report #49474

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

Samples Received
19-nov-1998 15:34:50

MW-984-114 (981119116) Sampled on 11/19/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	102	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-113 (981119117) Sampled on 11/19/98								
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/19/98	87494	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87750	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

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Laboratory Report #49474

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	119	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	99	% Rec		
MW-984-024 (981119118) Sampled on 11/19/98								
	11/23/98	87796	(ML/S2320B)	Alkalinity	128	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.23	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	20.7	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	3.24	meq/l	0.0010	1
	11/21/98	87683	(ML/EPA 300)	Chloride	10.8	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	12/02/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.28	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/19/98	87494	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87642	(ML/S2510B)	Specific Conductance	280	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	120	ug/l	100	1
	12/02/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	156	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.04	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	2.07	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	46.2	mg/l	1.0	1
	11/21/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	8.1	Units	0.0010	1
	11/21/98	87687	(ML/EPA 300.0)	Sulfate	17.5	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	180	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87750	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-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
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	118	% Rec		
			(Surrogate)	4-Bromofluorobenzene	101	% Rec		
			(Surrogate)	Toluene-d8	101	% Rec		

MW-984-023 (981119119) Sampled on 11/19/98

	11/23/98	87796	(ML/S2320B)	Alkalinity	156	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	3.82	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	33.6	mg/l	1.0	1
	12/04/98		(ML/SM1040)	Cation Sum	3.83	meq/l	0.0010	1
	11/21/98	87683	(ML/EPA 300)	Chloride	10.4	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	12/02/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.55	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/19/98	87494	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87642	(ML/S2510B)	Specific Conductance	320	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	630	ug/l	100	1
	12/02/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	190	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	2.07	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	12.8	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	24.0	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/21/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	8.1	Units	0.0010	1
	11/21/98	87687	(ML/EPA 300.0)	Sulfate	19.6	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	200	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87750	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.6	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87750	(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	96	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-984-022 (981119120) Sampled on 11/19/98								
	11/23/98	87796	(ML/S2320B)	Alkalinity	168	mg/l	2.0	1
	11/25/98		(ML/SM1040)	Anion Sum	4.25	meq/l	0.0010	1
11/24/98	12/05/98	88341	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
12/01/98	12/01/98	88084	(EPA/ML 200.7)	Calcium, Total, ICAP	41.6	mg/l	1.0	1
	12/02/98		(ML/SM1040)	Cation Sum	4.28	meq/l	0.0010	1
	11/21/98	87683	(ML/EPA 300)	Chloride	11.8	mg/l	1.0	1
	12/02/98	88222	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	12/02/98		(ML/S2320-B)	Carbonate as CO3, Calculated	1.33	mg/l	0.0010	1
11/24/98	11/25/98	88046	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	11/19/98	87494	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	11/23/98	87642	(ML/S2510B)	Specific Conductance	360	umho/cm	4.0	1
11/24/98	11/25/98	88048	(EPA/ML 200.8)	Iron, Total, ICAP/MS	110	ug/l	100	1
	12/02/98		(ML/S2330B)	Bicarbonate as HCO3,calculated	204	mg/l	0.0010	1
12/01/98	12/01/98	88086	(ML/EPA 200.7)	Potassium, Total, ICAP	1.98	mg/l	1.0	1
12/01/98	12/01/98	88090	(ML/EPA 200.7)	Magnesium, Total, ICAP	13.4	mg/l	0.10	1
12/01/98	12/01/98	88092	(ML/EPA 200.7)	Sodium, Total, ICAP	24.0	mg/l	1.0	1
	11/21/98	87685	(ML/EPA 300.0)	Nitrate-N by IC	0.25	mg/l	0.10	1
11/24/98	11/25/98	88050	(EPA/ML 200.8)	Lead, Total, ICAP/MS	8.0	ug/l	2.0	1
	11/23/98	87661	(ML/SM 4500H)	Lab pH	8.0	Units	0.0010	1
	11/21/98	87687	(ML/EPA 300.0)	Sulfate	26.1	mg/l	2.0	1
	11/25/98	88026	(ML/S2540C)	Total Dissolved Solid (TDS)	210	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	11/20/98	87750	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1

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Laboratory Report #49474

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	11/20/98	87750	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Carbon Tetrachloride	1.3	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.1	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	n-Propylbenzene	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
	11/20/98	87750	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	11/20/98	87750	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	11/20/98	87750	(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	107	% Rec		
			(Surrogate)	Toluene-d8	95	% Rec		

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Foster Wheeler Environmental, Inc

QC Batch #87494 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1119120		(0.00 - 0.00)	
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0502	100.4	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(80.00 - 120.00)	1.2

QC Batch #87642 Specific Conductance

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1119120		(0.00 - 0.00)	

QC Batch #87661 Lab pH

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	lab # 98	1120133		(0.00 - 0.00)	

QC Batch #87683 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Chloride	25	24.1	96.4	(90.00 - 110.00)	
LCS2	Chloride	25	24.1	96.4	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	25.4	101.6	(80.00 - 120.00)	
MSD	Chloride	25	25.6	102.4	(80.00 - 120.00)	0.78

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Foster Wheeler Environmental, Inc
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QC Batch #87685 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Nitrate-N by IC	2.5	2.40	96.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.41	96.4	(90.00 - 110.00)	0.42
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.38	95.2	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.44	97.6	(80.00 - 120.00)	2.5

QC Batch #87687 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118209		(0.00 - 0.00)	
LCS1	Sulfate	50	47.3	94.6	(90.00 - 110.00)	
LCS2	Sulfate	50	47.4	94.8	(90.00 - 110.00)	0.21
MBLK	Sulfate	ND				
MS	Sulfate	50	48.3	96.6	(80.00 - 120.00)	
MSD	Sulfate	50	48.7	97.4	(80.00 - 120.00)	0.82

QC Batch #87750 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	8	8.51	106.4	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	8	9.89	123.6	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	8	9.97	125.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	8	8.52	106.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	8	8.45	105.6	(70.00 - 130.00)	

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MBLK	1,1-Dichloroethylene	ND				
MS	1,1-Dichloroethylene	8	7.93	99.1	(70.00 - 130.00)	
MSD	1,1-Dichloroethylene	8	8.75	109.4	(70.00 - 130.00)	9.8
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	8	8.86	110.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	8	9.02	112.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	8	9.76	122.0	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	16	17.7	110.6	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
LCS1	p-Dichlorobenzene (1,4-DCB)	8	9.53	119.1	(70.00 - 130.00)	
MBLK	p-Dichlorobenzene (1,4-DCB)	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	o-Chlorotoluene	ND				
MBLK	p-Chlorotoluene	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
MS	Spiked sample	Lab # 98	1118210		(0.00 - 0.00)	
LCS1	Benzene	8	8.67	108.4	(70.00 - 130.00)	
MBLK	Benzene	ND				
MS	Benzene	8	8.24	103.0	(70.00 - 130.00)	
MSD	Benzene	8	8.69	108.6	(70.00 - 130.00)	5.3
MBLK	Bromobenzene	ND				
MBLK	Bromomethane (Methyl Bromide)	ND				
LCS1	cis-1,2-Dichloroethylene	8	9.20	115.0	(70.00 - 130.00)	
MBLK	cis-1,2-Dichloroethylene	ND				
LCS1	Chlorobenzene	8	9.40	117.5	(70.00 - 130.00)	
MBLK	Chlorobenzene	ND				
MS	Chlorobenzene	8	8.55	106.9	(70.00 - 130.00)	
MSD	Chlorobenzene	8	8.77	109.6	(70.00 - 130.00)	2.5

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LCS1	Carbon Tetrachloride	8	8.29	103.6	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	Bromoform	8	10.2	127.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
LCS1	Chloroform (Trichloromethane)	8	8.86	110.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Bromochloromethane	ND			
MBLK	Chloroethane	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
LCS1	Chlorodibromomethane	8	9.63	120.4	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Dibromomethane	ND			
LCS1	Bromodichloromethane	8	9.24	115.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Dichloromethane	8	9.50	118.8	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	8	9.09	113.6	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Fluorotrichloromethane-Freon11	4	4.39	109.7	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
LCS1	m,p-Xylenes	16	18.5	115.6	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	Naphthalene	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
LCS1	o-Xylene	8	9.74	121.8	(70.00 - 130.00)
MBLK	o-Xylene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	8	8.39	104.9	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	Tetrachloroethylene (PCE)	8	8.58	107.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
MBLK	p-Isopropyltoluene	ND			

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Foster Wheeler Environmental, Inc
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MBLK	sec-Butylbenzene	ND				
LCS1	Styrene	8	9.61	120.1	(70.00 - 130.00)	
MBLK	Styrene	ND				
LCS1	1,2-dichloroethane-d4	100	111	111.0	(80.00 - 120.00)	
MBLK	1,2-dichloroethane-d4	100	97.1	97.1		
MS	1,2-dichloroethane-d4	100	98.4	98.4	(80.00 - 120.00)	
MSD	1,2-dichloroethane-d4	100	115	115.0	(80.00 - 120.00)	16
LCS1	Toluene-d8	100	109	109.0	(80.00 - 120.00)	
MBLK	Toluene-d8	100	96.8	96.8		
MS	Toluene-d8	100	98.4	98.4	(80.00 - 120.00)	
MSD	Toluene-d8	100	98.0	98.0	(80.00 - 120.00)	0.41
LCS1	4-Bromofluorobenzene	100	107	107.0	(80.00 - 120.00)	
MBLK	4-Bromofluorobenzene	100	100	100.0		
MS	4-Bromofluorobenzene	100	99.7	99.7	(80.00 - 120.00)	
MSD	4-Bromofluorobenzene	100	89.7	89.7	(80.00 - 120.00)	11
LCS1	trans-1,2-Dichloroethylene	8	8.62	107.7	(70.00 - 130.00)	
MBLK	trans-1,2-Dichloroethylene	ND				
MBLK	tert-Butylbenzene	ND				
LCS1	Trichloroethylene (TCE)	8	8.96	112.0	(70.00 - 130.00)	
MBLK	Trichloroethylene (TCE)	ND				
MS	Trichloroethylene (TCE)	8	8.59	107.4	(70.00 - 130.00)	
MSD	Trichloroethylene (TCE)	8	8.80	110.0	(70.00 - 130.00)	2.4
LCS1	Trichlorotrifluoroethane(Freon	4	4.31	107.7	(70.00 - 130.00)	
MBLK	Trichlorotrifluoroethane(Freon	ND				
MBLK	trans-1,3-Dichloropropene	ND				
LCS1	Toluene	8	8.88	111.0	(70.00 - 130.00)	
MBLK	Toluene	ND				
MS	Toluene	8	8.03	100.4	(70.00 - 130.00)	
MSD	Toluene	8	8.31	103.9	(70.00 - 130.00)	3.4
LCS1	Vinyl chloride (VC)	4	4.85	121.2	(70.00 - 130.00)	
MBLK	Vinyl chloride (VC)	ND				

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #87796 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1119120		(0.00 - 0.00)	
LCS1	Alkalinity	96.2	94.5	98.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	94.8	98.5	(90.00 - 110.00)	0.32
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	86.0	89.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	87.0	90.4	(80.00 - 120.00)	1.2

QC Batch #88026 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
DUP	Spiked sample	Lab # 98	1118208		(0.00 - 0.00)	
LCS1	Total Dissolved Solid (TDS)	175	178	101.7	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	674	96.3	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #88046 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab# 98	1118210		(0.00 - 0.00)	
LCS1	Chromium, Total, ICAP/MS	100	108	108.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	107	107.0	(85.00 - 115.00)	0.93
MBLK	Chromium, Total, ICAP/MS	ND				
MS	Chromium, Total, ICAP/MS	100	103	103.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	101	101.0	(70.00 - 130.00)	2.0

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

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #88048 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118210		(0.00 - 0.00)	
LCS1	Iron, Total, ICAP/MS	500	536	107.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	538	107.6	(85.00 - 115.00)	0.37
MBLK	Iron, Total, ICAP/MS	ND				
MS	Iron, Total, ICAP/MS	500	519	103.8	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	513	102.6	(70.00 - 130.00)	1.2

QC Batch #88050 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1118210		(0.00 - 0.00)	
LCS1	Lead, Total, ICAP/MS	20.0	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20.0	20.9	104.5	(85.00 - 115.00)	0.96
MBLK	Lead, Total, ICAP/MS	ND				
MS	Lead, Total, ICAP/MS	20.0	21.4	107.0	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20.0	20.7	103.5	(70.00 - 130.00)	3.3

QC Batch #88084 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Calcium, Total, ICAP	50	47.0	94.0	(85.00 - 115.00)	
LCS2	Calcium, Total, ICAP	50	47.1	94.2	(85.00 - 115.00)	0.21
MBLK	Calcium, Total, ICAP	ND				
MS	Calcium, Total, ICAP	50	48.3	96.6	(70.00 - 130.00)	
MSD	Calcium, Total, ICAP	50	48.6	97.2	(70.00 - 130.00)	0.62

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

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #88086 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Potassium, Total, ICAP	20	19.2	96.0	(80.00 - 110.00)	
LCS2	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 110.00)	1.0
MBLK	Potassium, Total, ICAP	ND				
MS	Potassium, Total, ICAP	20	19.4	97.0	(80.00 - 120.00)	
MSD	Potassium, Total, ICAP	20	19.8	99.0	(80.00 - 120.00)	2.0

QC Batch #88090 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Magnesium, Total, ICAP	20	20.1	100.5	(85.00 - 115.00)	
LCS2	Magnesium, Total, ICAP	20	20.2	101.0	(85.00 - 115.00)	0.50
MBLK	Magnesium, Total, ICAP	ND				
MS	Magnesium, Total, ICAP	20	19.7	98.5	(70.00 - 130.00)	
MSD	Magnesium, Total, ICAP	20	20.0	100.0	(70.00 - 130.00)	1.5

QC Batch #88092 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1116098		(0.00 - 0.00)	
LCS1	Sodium, Total, ICAP	50	50.9	101.8	(85.00 - 115.00)	
LCS2	Sodium, Total, ICAP	50	51.1	102.2	(85.00 - 115.00)	0.39
MBLK	Sodium, Total, ICAP	ND				
MS	Sodium, Total, ICAP	50	49.9	99.8	(70.00 - 130.00)	
MSD	Sodium, Total, ICAP	50	51.0	102.0	(70.00 - 130.00)	2.2

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

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

Laboratory
QC Report
#49474

Foster Wheeler Environmental, Inc
(continued)

QC Batch #88222 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 98	1118211		(0.00 - 0.00)	
LCS1	Perchlorate	20.0	21.0	105.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	21.1	105.5	(90.00 - 110.00)	0.48
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	13.2	66.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	13.7	68.5	(75.00 - 125.00)	3.7

QC Batch #88341 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab #98	1118210		(0.00 - 0.00)	
LCS1	Arsenic, Total, GF	0.020	0.0214	107.0	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0202	101.0	(85.00 - 115.00)	5.8
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0226	113.0	(70.00 - 130.00)	
MSD	Arsenic, Total, GF	0.020	0.0225	112.0	(70.00 - 130.00)	0.44

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

NUMBER 2694

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): B. DUMENSIL

SAMPLER (Signature):

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	HEX. Cr.	PENTACHLORATE	MS FOR VOCs	MSD FOR VOCs	METALS MS/MSD			LOCATION	DEPTH	QC CODE
MW-984-050	0840	10/22/98	2	2x40ml	X			X										TRIP BLANK	10/22/98	
MW-984-051	1000	↓	5	2x40ml 1x250ml 2x125m	X			X	X		X	X						EQUIP. BLANK	10/22/98	
MW-984-049	1015	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-18, SCREEN	#5	
MW-984-048	1130	↓	6	↓	X			X	X	X	X	X						MW-18, SCREEN	#4	
MW-984-047	1300	↓	6	↓	X			X	X	X	X	X						MW-18, SCREEN	#3	
MW-984-046	1405	↓	6	↓	X			X	X	X	X	X			X			MW-18, SCREEN	#2	(MS/MSD METALS)
MW-984-046MS	1405	↓	2	2x40ml	X								X					MW-18-2	MS FOR	VOCs
MW-984-046MSD	1405	↓	2	2x40ml	X									X				MW-18-2	MSD FOR	VOCs
MW-984-045	1515	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-18, SCREEN	#1	

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: ALL SAMPLES DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
	10-22-98				
COMPANY	TIME	COMPANY	COMPANY	TIME	COMPANY
FWENC	18:25				

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FILE COPY

NUMBER 2695

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard [X] Reactive [ ] Flammable [ ] Toxic [ ] Skin Irritant [ ] Infectious [ ]

TIME REQUIRED: NORMAL [X] ___ 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 As, Pb, Cr (6010/7000)	MAJOR ANIONS + TDS	HEX. Cr	ClO4	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6+		LOCATION	DEPTH	QC CODE
MW-984-082	0900	10/23/98	2	2x40ml	X			X										TRIP BLANK 10/23/98		
MW-984-083	0945		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK 10/23/98		
MW-984-054	1010		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-19, SCREEN #5		
MW-984-053	1130		6		X			X	X	X	X	X						MW-19, SCREEN #4		
MW-984-052	1250		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X			MW-19, SCREEN #3 (MS/MSD METALS)		
MW-984-052MS	1250		2	2x40ml	X								X					MW-19-3 MS FOR VOCs		
MW-984-052MSD	1250		2	2x40ml	X									X				MW-19-3 MSD FOR VOCs		
MW-984-051	1350		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-19, SCREEN #2		
MW-984-050	1445		6		X			X	X	X	X	X				X		MW-19, SCREEN #1		

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

ALL SAMPLES DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	1620	M. DE MESA			
COMPANY: JENC	TIME: 10/23/98	COMPANY: MONTGOMERY WATSON	COMPANY:	TIME:	COMPANY:

F-2

NUMBER 2697

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, & Pb (6010/7000)	MAJOR ANIONS & TDS	HEX. CHROMIUM	PERCHLORATE	LOCATION	DEPTH	QC CODE
MW-984-084	0900	10/26/98	2	2x40ml	X			X					TRIP BLANK		10/26/98
MW-984-085	1230	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X	EQUIP BLANK		10/26/98
MW-984-075	1240	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	MW-24, SCREEN #1		

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

ALL SAMPLES DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Brettan Dumasini	10-26-98	[signature]			
COMPANY: FWENC	TIME: 16:55	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2696

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ Reactive ☐ Flammable ☐ Toxic ☐ Skin Irritant ☐ Infectious ☐

TIME REQUIRED: NORMAL ☒ ___ DAYS RUSH ☐ ___ DAYS

ANALYSES REQUIRED

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	1,4-DIOXANE	NDMA									LOCATION	DEPTH	QC CODE
MW-984-075	1240	10/26/98	2	2x1l	X			X	X									MW-24, SCREEN # 1		

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Bitta A. Dumasin	10-26-98	[signature]			
COMPANY: ENC	TIME: 16:55	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2699

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	HEX. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr^{6+}	LOCATION	DEPTH	QC CODE
MW-984-086	0830	10/27/98	2	2x40ml	X			X									TRIP BLANK	10/27/98	
MW-984-087	0915	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK	10/27/98	
MW-984-042	0925	10/27/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-17, SCREEN	#3	
MW-984-008	1145		6	↓	X			X	X	X	X	X				X	MW-4, SCREEN	#2	
MW-984-009	1200		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					MW-4-2 (DUPLICATE)		
MW-984-021	1400		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-11, SCREEN	#2	
MW-984-020	1500	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-11, SCREEN	#1	
MW-984-021MS	1400	10/27/98	2	2x40ml	X								X				MW-11-2	MS FOR	VOCs
MW-984-021MSD	1400	↓	2	2x40ml	X									X			MW-11-2	MSD FOR	VOCs

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	10-27-98	[illegible]			
COMPANY: FWENC	TIME: 16:05	COMPANY: MWL	COMPANY	TIME	COMPANY

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FILE COPY

NUMBER 2700

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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)	1,4-Dioxane	NDMA								LOCATION	DEPTH	QC CODE
MW-984-042	0925	10/27/98	2	2x1 l	X			X	X								MW-17,	SCREEN	#3
MW-984-003	1145	10/27/98	2	2x1 l	X			X	X								MW-4,	SCREEN #	2

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	10/27/98	[signature]			
COMPANY: JENC	TIME: 1605	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2702

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA CA

SAMPLER (Name): J. BRENNEY

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard [X] Reactive [ ] Flammable [ ] Toxic [ ] Skin Irritant [ ] Infectious [ ]

TIME REQUIRED: NORMAL [X] ___ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS + TDS	HEX. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6+	LOCATION	DEPTH	QC CODE
MW-984-088	0925	10/28/98	2	2x40ml	X			X									TRIP BLANK		10/28/98
MW-984-031	0935	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-13		
MW-984-032	0945	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					MW-13	(DUPLICATE)	
MW-984-039	1130	↓	6	2x40ml 2x125ml 2x500ml	X			X	X	X	X	X			X		MW-16	* MS/MSD FOR METALS	
MW-984-039MS	1130	↓	2	2x40ml	X								X				MW-16 MS FOR VOCs		
MW-984-039MSD	1130	↓	2	2x40ml	X									X			MW-16 MSD FOR VOCs		
MW-984-015	1400	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-7		
MW-984-200	1345	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					FIELD BLANK AT MW-7		
MW-984-016	1525	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				X	MW-8		

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	10-28-98	[signature]			
COMPANY: FWENC	TIME: 10:47	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

FILE COPY

NUMBER 2703

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): J. BIRENNEK

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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)	1,4-DIOXANE	NDMA	LOCATION	DEPTH	QC CODE
MW-954-031	0935	10/20/98	2	2x1 L	X			X	X	MW-13		
MW-954-039	1130	↓	2	↓	X			X	X	MW-16		
MW-954-039MS	1130		2		X			X	X	MW-16 MATRIX SPIKE		
MW-954-039MSD	1130		2		X			X	X	MW-16 MAT. SPIKE DUP.		
MW-954-015	1400		2		X			X	X	MW-7		
~~MW-954-06~~		↓	2	↓	X			X	X	MW-8		

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	10-28-98	[illegible]			
COMPANY: JENC	TIME: 16:47	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2701

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): B. DUMONSIL

SAMPLER (Signature): Bettie Dumonsil

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 (8240.2)	TOTAL As, Cr, Pb (6010/7000)	MAJOR ANIONS + TDS	HEX. Cr.	PERCHLORATE	QC FOR Cr6+				LOCATION	DEPTH	QC CODE
MW-984-089	1405	10/29/98	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK	10/29/98	
MW-984-090	1120	↓	2	2x40ml	X			X									TRIP BLANK	10/29/98	
MW-984-077	1200	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW 24,	SCREEN	#3
MW-984-076	1305	↓	6	↓	X			X	X	X	X	X					MW-24,	SCREEN	#2
MW-984-079	1415	↓	6	↓	X			X	X	X	X	X					MW-24,	SCREEN	#5
MW-984-078	1545	↓	6	↓	X			X	X	X	X	X	X				MW-24,	SCREEN	#4

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Bettie Dumonsil	10/29/98	[illegible]			
COMPANY: FWENC	TIME: 1640	COMPANY: MWLabs	COMPANY	TIME	COMPANY

F-2

NUMBER 2705

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA, CA

SAMPLER (Name): B. DUMONSIL

SAMPLER (Signature): Brette A Dumonsil

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7060)	MAJOR ANIONS + TDS	HEX. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr+6	LOCATION	DEPTH	QC CODE
MW-984-092	0900	10/30/98	2	2x40ml	X			X									TRIP BLANK	10/30/98	
MW-984-091	1020	↓	5	2x40ml 1x250ml 2x125m	X			X	X		X	X					EQUIP BLANK	10/30/98	
MW-984-012	0920		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-4, SCREEN	#5	
MW-984-011	1040		6	↓	X			X	X	X	X	X					MW-4, SCREEN	#4	
MW-984-010	1140		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-4, SCREEN	#3	
MW-984-010MS	1140		2	2x40ml	X								X				MW-4-3 MS FOR	VOCs	
MW-984-010MSD	1140		2	2x40ml	X									X			MW-4-3 MSD FOR	VOCs	
MW-984-007	1245	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				X	MW-4, SCREEN	#1	

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB @ 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Brette A Dumonsil	10/30/98	[illegible]			
COMPANY (F[illegible]NC)	TIME 1330	COMPANY MWL	COMPANY	TIME	COMPANY

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FILE COPY

NUMBER 2706

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Pb & Cr (6010/7000)	MAJOR ANIONS & TDS	Hex. Cr	Perchlorate	QC For Cr					LOCATION	DEPTH	QC CODE
MW 984-094	0905	11/2/98	2	2x40ml	X			X										TRIP BLANK	11/2/98	
MW-984-093	0920	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP BLANK	11/2/98	
MW-984-059	0945	↓	6	2x40ml 1x250ml 2x125ml 1x500ml				X	X	X	X	X						MW-20, SCREEN #	5	
MW-984-058	1115	↓	6	↓				X	X	X	X	X						MW-20, SCREEN #	4	
MW-984-057	1240	↓	6	↓				X	X	X	X	X						MW-20, SCREEN #	3	
MW-984-056	1350	↓	6	↓				X	X	X	X	X						MW-20, SCREEN #	2	
MW-984-055		↓	6	↓				X	X	X	X	X	X					MW-20, SCREEN #	1	

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Betty Dunsmond	11/2/98	[signature]			
COMPANY: Foster Wheeler	TIME: 1355	COMPANY: M.W.L.	COMPANY	TIME	COMPANY

F-2

FILE COPY

NUMBER 2111

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA CA

SAMPLER (Name): B. DUMESNIL

SAMPLER (Signature): Bettina Dumesnil

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7060)	MAJOR ANIONS + TDS	Hex. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6	LOCATION	DEPTH	QC CODE
MW-984-006	0825	11/3/98	2	2x40ml	X			X									TRIP BLANK		11/3/98
MW-984-005	1235		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK		11/3/98
MW-984-006	0925		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-3	SCREEN	#5
MW-984-005	1045		6		X			X	X	X	X	X			X		MW-3	SCREEN	#4
MW-984-005MS	1045		2	2x40ml	X								X				MW-3-4	MS FOR	VOCs
MW-984-005MSD	1045		2	2x40ml	X									X			MW-3-4	MSD FOR	VOCs
MW-984-004	1200		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-3	SCREEN	#3
MW-984-003	1300		6		X			X	X	X	X	X					MW-3	SCREEN	#2
MW-984-002	1350		6					X	X	X	X	X				X	MW-3	SCREEN	#1

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

LABORATORY INSTRUCTIONS/COMMENTS

LEVEL IV QA/QC

SAMPLING COMMENTS

ALL SAMPLES DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Bettina Dumesnil	1430	[illegible]			
COMPANY: FWENC	TIME: 11/3/98	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2708

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA, CA

SAMPLER (Name): B. DUMESNIL

SAMPLER (Signature): Bretta A. Dumesnil

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7010)	MAJOR ANIONS + TDS	Hex. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr.	LOCATION	DEPTH	QC CODE
MW.984-098	1000	11/4/98	2	2x40ml	X			X									TRIP BLANK 11/4/98		
MW.984-017	1130	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP BLANK 11/4/98		
MW.984-044	0930	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-17, SCREEN		#5
MW.984-043	1110	↓	6	↓	X			X	X	X	X	X					MW-17, SCREEN		#4
MW.984-041	1240	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-17, SCREEN		#2 (MS/MSD METALS)
MW.984-041MS	1240	↓	2	2x40ml	X								X				MW-17-2	MS FOR	VOCs
MW.984-041MSD	1240	↓	2	2x40ml	X									X			MW-17-2	MSD FOR	VOCs
MW.984-040	1345	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X				X	MW-17, SCREEN		#1

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Bretta A. Dumesnil	11/4/98	[signature]			
COMPANY: FWENC	TIME: 1500	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

NUMBER 2709

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 Oak Grove Dr. Pasadena, CA

SAMPLER (Name): B. Dumesnil

SAMPLER (Signature): Brette A Dumesnil

LABORATORY: Montgomery Watson Labs

REPORTS TO BE SENT TO: Mark Cutler

HAZARD IDENTIFICATION: Non Hazard ☒ 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, As, Pb Metals (6010/7000)	Anions + TDS	Cr^{+6}	ClO_4	QC for Cr^{+6}	LOCATION	DEPTH	QC CODE
MW-984-026	1530	11/5/98	6	2x40ml, 1x250ml 1x500ml, 1x125ml 1x125ml	X			X	X	X	X	X		MW-12, SCREEN		#2
MW-984-027	1545	11/5/98	5	2x40ml, 1x250ml 1x125ml 1x125ml	X			X	X		X	X		MW-12-2 (DUPLICATE)		
MW-984-028	1600 ~~1545~~	11/5/98	6	2x40ml, 1x250ml 1x500ml 2x125ml	X			X	X	X	X	X	X	MW-12, SCREEN #3		
MW-984-100	1445	11/5/98	2	2x40ml	X			X						TRIP BLANK		11/5/98
MW-984-99	1500	11/5/98	5	2x40ml, 1x250ml 2x125ml	X			X	X		X	X		EQUIP. BLANK		11/5/98

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

LABORATORY INSTRUCTIONS/COMMENTS

Level IV QA/QC

SAMPLING COMMENTS

Samples delivered to lab at 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
[signature]	11-5-98	M. DE MESA			
COMPANY: JEN C	TIME: 16:57	COMPANY: M.W.	COMPANY	TIME	COMPANY

F-2

NUMBER 2710

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS + TDS	HEX. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr^{6+}	LOCATION	DEPTH	QC CODE
MW-984-102	0800	11/9/98	2	2x40ml	X			X									TRIP BLANKS		11/9/98
MW-984-101	1400	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP BLANK		11/9/98
MW-984-030	0930	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-12, SCREEN	#5	
MW-984-030MS	0930	↓	2	2x40ml	X								X				MW-12-5	MS FOR	VOCs
MW-984-030MSD	0930	↓	2	2x40ml	X									X			MW-12-5	MSD FOR	VOCs
MW-984-029	1100	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-12, SCREEN	#4	
MW-984-015	1450	↓	6	↓	X			X	X	X	X	X				X	MW-12, SCREEN	#1	

J.B

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
[signature]	11/9/98	[signature]			
COMPANY: FWENC	TIME: 1555	COMPANY: MWL	COMPANY	TIME	COMPANY

F-2

FILE COPY

NUMBER 2711

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): [signature]

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARIK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	Hex. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr^{6+}	LOCATION	DEPTH	QC CODE
MW-984-104	0845	11/10/98	2	2x40ml	X			X									TRIP BLANK		11/10/98
MW-984-103	0915		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK		11/10/98
MW-984-037	0930		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-14, SCREEN		#5
MW-984-036	1045		6	2x40ml 2x500ml 2x125	X			X	X	X	X	X			X		MW-14, SCREEN		#4 (MS/MSD METALS)
MW-984-036MS	1045		2	2x40ml	X								X				MW-14-4		MS FOR VOCs
MW-984-036MSD	1045		2	2x40ml	X									X			MW-14-4		MSD FOR VOCs
MW-984-035	1200		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-14, SCREEN		#3
MW-984-034	1315		6		X			X	X	X	X	X					MW-14, SCREEN		#2
MW-984-033	1415		6		X			X	X	X	X	X				X	MW-14, SCREEN		#1

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
[signature]	11/16	M. DE MESA			
COMPANY: FWENC	TIME: 15:16	COMPANY: M.W	COMPANY	TIME	COMPANY

F-2

FILE COPY

NUMBER 2713

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 AS, Cr, Pb 6010/7000	MAJOR ANIONS & TDS	HEX. Cr.	PERCHLORATE	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr6	LOCATION	DEPTH	QC CODE
MW 984-106	0815	11/12/98	2	2x40ml	X			X									TRIP BLANK 11/12/98		
MW-984-107	0830		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK 11/12/98		
MW-984-063	1030		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X	J.B	MW-21, SCREEN #4 (MS/MSD METALS)		
MW-984-063MS	1030		2	2x40ml	X								X				MW-21-4 MS FOR VOCs		
MW-984-063MSD	1030		2	2x40ml	X									X			MW-21-4 MSD FOR VOCs		
MW-984-062	1130		6	2x40ml 1x125ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-21, SCREEN #3		
MW-984-061	1230		6		X			X	X	X	X	X					MW-21 - SCREEN #2		
MW-984-060	1315		6		X			X	X	X	X	X				X	MW-21, SCREEN #1		
MW-984-064	1440		6		X			X	X	X	X	X					MW-21, SCREEN #5		

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
Bretta Dumesnil	11/12/98	[signature]			
COMPANY: FWENC	TIME: 1315	COMPANY: MWL	COMPANY	TIME	COMPANY

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FILE COPY

NUMBER 2716

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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, Ni, Pb (6010/7000)	MA 3002 & TOS Analysis	Hex. Cr.	ClO4	MS for VOCs	MSD for VOCs	MS/MSD for Metals	QC for Cr6	LOCATION	DEPTH	QC CODE
MW-984-100	0800	11/13/98	2	2x40ml	X			X									TRIP BLANK	11/13/98	
MW-984-007	0910	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-9		
MW-984-001	1045	11/13/98	6	↓	X			X	X	X	X	X					MW-1		
MW-984-038	1145	11/13/98	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-15	(MS/MSD Metals)	
MW-984-038MS	1145	11/13/98	2	2x40ml	X								X				MW-15	MS for VOCs	
MW-984-038MSD	1145	11/13/98	2	2x40ml	X									X			MW-15	MSD for VOCs	
MW-984-013	1315	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-5		
MW-984-018	1515	11/13/98	6	↓	X			X	X	X	X	X				X	MW-10		
MW-984-019	1520	11/13/98	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					MW-10	(DUPLICATE)	
MW-984-99	1635	11/13/98	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-6		

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
	11-13-98				
COMPANY: JONC	TIME: 17:08	COMPANY: M. OEMESA	COMPANY	TIME	COMPANY

F-2

FILE COPY

NUMBER 2714

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR. PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS & TDS	HEX. Cr.	ClO_4	MS FOR VOCs	MSD FOR VOCs	MS/MSD FOR METALS	QC FOR Cr	LOCATION	DEPTH	QC CODE
MW-984-110	0845	11/16/98	2	2x40ml	X			X									TRIP BLANK	11/16/98	
MW-984-109	0945		5	2x40ml 1x250ml 2x125m	X			X	X		X	X					EQUIP. BLANK	11/16/98	
MW-984-068	0930		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-22,	SCREEN	#5	
MW-984-066	1115		6	↓	X			X	X	X	X	X					MW-22,	SCREEN	#4
MW-984-067	1220		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-22,	SCREEN #3	(METALS MS/MSD)
MW-984-066	1330		6	2x40ml 1x125ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-22,	SCREEN	#2
MW-984-065	1500		6	↓	X			X	X	X	X	X				X	MW-22,	SCREEN	#1
MW-984-067MS	1220		2	2x40ml	X								X				MW-22-3	MS FOR	VOCs
MW-984-067MSD	1220	↓	2	2x40ml	X									X			MW-23-3	MSD FOR	VOCs

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11-16-98				
COMPANY: FWENC	TIME: 16:25	COMPANY: MWL	COMPANY	TIME	COMPANY

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NUMBER 2719

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR., PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard [X] Reactive [ ] Flammable [ ] Toxic [ ] Skin Irritant [ ] Infectious [ ]

TIME REQUIRED: NORMAL [X] ___ 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 As, Cr, Pb (6010/7000)	MAJOR ANIONS + TDS	Hex. Cr	ClO_4	MS for VOCs	MSD for VOCs	MS/MSD for Metals	QC for Cr^{6+}	LOCATION	DEPTH	QC CODE
MW 984-112	0900	11/18/98	2	2x40ml	X			X									TRIP BLANK 11/18/98		
MW 984-111	1030	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP. BLANK 11/18/98		
MW 984-074	1015	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-23	SCREEN	#5
MW 984-073	1125	↓	6	↓	X			X	X	X	X	X					MW-23,	SCREEN	#4
MW 984-072	1230	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		MW-23,	SCREEN #3	(MS/MSD METALS)
MW 984-072MS	1230	↓	2	2x40ml	X								X				MW-23-3	MS FOR	VOCs
MW 984-072MSD	1230	↓	2	2x40ml	X									X			MW-23-3	MSD FOR	VOCs
MW 984-071	1345	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-23,	SCREEN	#2
MW 984-070	1600	↓	6	↓	X			X	X	X	X	X				X	MW-23,	SCREEN	#1

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11-18-98	[signature]			
COMPANY: FWC	TIME: 17:00	COMPANY: MWL	COMPANY	TIME	COMPANY

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NUMBER 2718

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

PROJECT: JPL

OFS NO.: 1572.0260

PROJECT ADDRESS: 4800 OAK GROVE DR, PASADENA, CA

SAMPLER (Name): J. BRENNER

SAMPLER (Signature): J. B

LABORATORY: MONTGOMERY WATSON LABS

REPORTS TO BE SENT TO: MR. MARK CUTLER

HAZARD IDENTIFICATION: Non Hazard ☒ 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 As, Cr, ?Pb (6010/7000)	MAJOR ANIONS ?TDS	HEX. Cr.	PERCHLORATE	QC FOR Cr6+					LOCATION	DEPTH	QC CODE
MW-984-114	0815	11/19/98	2	2 x 40ml	X			X										TRIP BLANK		11/19/98
MW-984-113	0830	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK		11/19/98
MW-984-024	0900	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-11	SCREEN	#5
MW-984-023	1015	↓	6	↓	X			X	X	X	X	X						MW-11,	SCREEN	#4
MW-984-022	1145	↓	6	↓	X			X	X	X	X	X	X					MW-11,	SCREEN	#3

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

LABORATORY INSTRUCTIONS/COMMENTS: LEVEL IV QA/QC

SAMPLING COMMENTS: DELIVERED TO LAB AT 3°C

RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)	RELINQUISHED BY (Signature)	DATE	RECEIVED BY (Signature)
J. B	11/19/98	M. DE MESA			
COMPANY: FWENC	TIME: 1350	COMPANY: M.W.	COMPANY	TIME	COMPANY

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