MONTGOMERY WATSON LABORATORIES

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

Laboratory
Report
#40441

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/06/98	72799	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/06/98	72799	(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		
			(Surrogate)	Toluene-d8	106	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-111 (980205152) Sampled on 02/05/98								
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/05/98	72596	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	02/06/98	72799	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/06/98	72799	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/06/98	72799	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/06/98	72799	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/06/98	72799	(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	97	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	108	% Rec		
MW-981-003 (980205153) Sampled on 02/05/98								
	02/18/98	73359	(ML/S2320B)	Alkalinity	155	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	3.90	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	0.006	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	19	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.05	meq/l	0.0010	1
	02/06/98	72729	(ML/EPA 300)	Chloride	17	mg/l	1.0	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	12.0	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/05/98	72596	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	390	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1800	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	184	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	2.7	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	11	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	49	mg/l	1.0	1
	02/06/98	72731	(ML/EPA 300.0)	Nitrate-N by IC	0.99	mg/l	0.10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	9.0	Units	0.0010	1
	02/06/98	72732	(ML/EPA 300.0)	Sulfate	12	mg/l	2.0	1
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	250	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/06/98	72799	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(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
	02/06/98	72799	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/06/98	72799	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/06/98	72799	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/06/98	72799	(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
	02/06/98	72799	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/06/98	72799	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/06/98	72799	(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	101	% Rec		
			(Surrogate)	Toluene-d8	107	% Rec		

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Laboratory
QC Report
#40441

Foster Wheeler Environmental, Inc

QC Batch #72596 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0500	100.0	(78.00 - 118.00)	1.6
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0500	100.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(80.00 - 120.00)	1.6

QC Batch #72729 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25	100.0	(90.00 - 110.00)	
LCS2	Chloride	25	25	100.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26	104.0	(80.00 - 120.00)	
MSD	Chloride	25	26	104.0	(80.00 - 120.00)	0.00

QC Batch #72731 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.4	96.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.4	96.0	(80.00 - 120.00)	0.00

QC Batch #72732 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50	100.0	(90.00 - 110.00)	
LCS2	Sulfate	50	50	100.0	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	52	104.0	(80.00 - 120.00)	
MSD	Sulfate	50	52	104.0	(80.00 - 120.00)	0.00

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

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Laboratory
QC Report
#40441

Foster Wheeler Environmental, Inc
(continued)

QC Batch #72799 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.45	86.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.19	104.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.97	99.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.74	93.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	2.96	74.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.16	104.0	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.51	87.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.63	90.8	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.70	96.2	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	3.24	81.0	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				

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Laboratory
QC Report
#40441

Foster Wheeler Environmental, Inc
(continued)

LCS1	Bromodichloromethane	4	4.08	102.0	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.09	102.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.39	84.8	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.17	104.2	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.81	95.2	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	2.85	71.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.87	96.8	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.96	98.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.39	84.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.52	88.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.43	85.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.47	86.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.17	104.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.80	90.0	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.11	102.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	7.61	95.1	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.01	100.2	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.28	107.0	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.11	102.8	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	2.93	73.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #72913 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	8.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.3	96.5	(75.00 - 125.00)	7.5

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

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Laboratory
QC Report
#40441

Foster Wheeler Environmental, Inc
(continued)

QC Batch #73085 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	664	94.9	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #73253 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	96.7	96.7	(85.00 - 115.00)	5.3
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	97.2	97.2	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95.7	95.7	(70.00 - 130.00)	1.6

QC Batch #73258 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	441	88.2	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	428.	85.6	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	440.	88.0	(70.00 - 130.00)	2.8

QC Batch #73263 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.9	99.5	(85.00 - 115.00)	3.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	

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

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Foster Wheeler Environmental, Inc
(continued)

MSD	Lead, Total, ICAP/MS	20	20.8	104.0	(70.00 - 130.00)	6.5

QC Batch #73354 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	6.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0224	112.0	(85.00 - 115.00)	6.0

QC Batch #73359 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	97.2	101.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96.7	100.5	(90.00 - 110.00)	0.52
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	96.4	100.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.8	101.7	(80.00 - 120.00)	1.4

QC Batch #73384 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.4	97.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	4.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.2	101.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	19.7	98.5	(85.00 - 115.00)	2.5

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73387 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.0	98.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	47.6	95.2	(90.00 - 110.00)	2.9
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	48.0	96.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	47.2	94.4	(85.00 - 115.00)	1.7

QC Batch #73390 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.4	97.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.2	96.0	(90.00 - 110.00)	1.0
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.0	100.0	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	19.9	99.5	(85.00 - 115.00)	0.50

QC Batch #73393 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.6	105.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	52.7	105.4	(90.00 - 110.00)	0.19
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.3	104.6	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.6	103.2	(85.00 - 115.00)	1.3

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

MONTGOMERY WATSON LABORATORIES

February 27, 1998

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

Attention: Mark Cutler

Re: Report # 40463 (MW-981-112, -113, -015)

Dear Mark,

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

Non-conformance (LCS,MS/MSD, Surrogates, and Holding Times):
None
Samples requiring dilution (with increased MRL's):
MW-981-015 was diluted for anions.
Method blanks with compounds detected:
None
Other Comments:
Freon was detected in sample ID: MW-981-113, -015
1,1 DCA was detected in sample ID: MW-981-015,
Tetrachloroethylene was detected in sample ID: MW-981-015
Perchlorate was detected in sample ID: MW-981-076
TICs
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

Quality Environmental Analysis

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 818-568-6400/FAX: 818-568-6324

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
Group#: 40463
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 02/06/98. 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
980206082	MW-981-112			Water			02/06/98
		@EBASVOA					
980206083	MW-981-113			Water			02/06/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	CR-VI	
		CLO4					
980206084	MW-981-015			Water			02/06/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	CR-VI	
		CLO4	TDS	CATION	ANION1	PH	EC
		HCO3	CO3	ALK	NO3	SO4	CL
		FE-MS	K-FL	NA-FL	MG-FL	CA-FL	

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-GF	Arsenic, Total, GF
CA-FL	Calcium, Flame AA
CATION	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	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-FL	Potassium, Flame AA
MG-FL	Magnesium, Flame AA
NA-FL	Sodium, Flame AA
NO3	Nitrate-N by IC

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

Customer Code: ENSERCH
PO#: Sub PO#007618
Group#: 40463
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Test Acronym Description

Test Acronym	Description
PB-MS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

40463

FOSTER WHEELER ENVIRONMENTAL CORPORATION

12 1752

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR. PASADENA, CA

Sampler (Name): J. BIRENNEL

Sampler (Signature): J.B

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK COTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL AS, Cr, PB	MAJOR ANIONS	Hex Cr	PERCHLORATE					
MW 951-112	0830	2/6/98	2	2x40ml	X			X					98	0206	08	2	
MW 951-113	0945	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X			8	3	
MW 951-015	1145	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X			8	4	

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL III QA/QC

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FWENC	Time:	Company:	Company:	Time:	Company:

F-2

Shipping Copy (Pink) - File Copy (Yellow) - Field Copy (Canary)

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: JPL Date Received: 2/6/98

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: 2/6/98
by (print) W. THAI (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: _____
   If Yes, enter the following: seal date: _____, seal name: _____

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

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: WT (date) 2/6/98

B. LOG-IN PHASE: Date samples were logged-in: 2/6/98 by:
(print) W. THAI (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, PR40463

			Result	MDL	UNITS
Analyzed	980206082	MW-981-112			
Analyzed	980206083	MW-981-113			
02/10/98	Trichlorotrifluoroethane(Freon		0.7	.500	UGL
Analyzed	980206084	MW-981-015			
02/10/98	1,1-Dichloroethane		0.8	.500	UGL
02/10/98	Tetrachloroethylene (PCE)		2.3	.500	UGL
02/10/98	Trichlorotrifluoroethane(Freon		0.5	.500	UGL
02/18/98	Alkalinity		230	2.000	MGL
02/21/98	Anion Sum		12.1	.001	MEQL
02/21/98	Bicarbonate as HCO3,calculated		280	.001	MGL
02/20/98	Calcium, Flame AA		98	1.000	MGL
02/21/98	Carbonate as CO3, Calculated		0.724	.001	MGL
02/21/98	Cation Sum		10.5	.001	MEQL
02/06/98	Chloride		120	3.000	MGL
02/17/98	Iron, Total, ICAP/MS		1600	******	UGL
02/10/98	Lab pH		7.6	.001	UNIT
02/20/98	Magnesium, Flame AA		49	1.000	MGL
02/06/98	Nitrate-N by IC		11	.300	MGL
02/20/98	Potassium, Flame AA		3.4	1.000	MGL
02/20/98	Sodium, Flame AA		34	1.000	MGL
02/13/98	Specific Conductance		1190	4.000	UMHO
02/06/98	Sulfate		160	6.000	MGL
02/10/98	Total Dissolved Solid (TDS)		780	10.000	MGL

MONTGOMERY WATSON LABORATORIES

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

FEB 23 1993

DEB* Debbie Frank

Report#: 40463
JPL

MONTGOMERY WATSON LABORATORIES

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Laboratory
Report
#40463

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

Samples Received
06-feb-1998 15:05:14

MW-981-112 (980206082) Sampled on 02/06/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/10/98	72875	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
Report
#40463

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/10/98	72875	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/10/98	72875	(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	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-981-113 (980206083) Sampled on 02/06/98								
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/06/98	72668	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	02/10/98	72875	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(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
	02/10/98	72875	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	0.7	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/10/98	72875	(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	90	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	102	% Rec		
MW-981-015 (980206084) Sampled on 02/06/98								
	02/18/98	73359	(ML/S2320B)	Alkalinity	230	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	12.1	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	98	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	10.5	meq/l	0.0010	1
	02/06/98	72729	(ML/EPA 300)	Chloride	120	mg/l	3.0	3
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.724	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/06/98	72668	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	1190	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1600	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	280	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.4	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	49	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	34	mg/l	1.0	1
	02/06/98	72731	(ML/EPA 300.0)	Nitrate-N by IC	11	mg/l	0.30	3
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	7.6	Units	0.0010	1
	02/06/98	72732	(ML/EPA 300.0)	Sulfate	160	mg/l	6.0	3
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	780	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/10/98	72875	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethane	0.8	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/10/98	72875	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/10/98	72875	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/10/98	72875	(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
	02/10/98	72875	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	2.3	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	0.5	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/10/98	72875	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/10/98	72875	(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	90	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

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Group Comments

(Balance) The percent difference between the anion sum and cation sum for sample MW-981-015 exceeded the 5%. Analytical results support the reported values, and the cause for the difference could not be isolated.

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Foster Wheeler Environmental, Inc

QC Batch #72668 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0500	100.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0492	98.4	(78.00 - 118.00)	1.6
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0500	100.0	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(80.00 - 120.00)	1.6

QC Batch #72729 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25	100.0	(90.00 - 110.00)	
LCS2	Chloride	25	25	100.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26	104.0	(80.00 - 120.00)	
MSD	Chloride	25	26	104.0	(80.00 - 120.00)	0.00

QC Batch #72731 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.4	96.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.4	96.0	(80.00 - 120.00)	0.00

QC Batch #72732 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50	100.0	(90.00 - 110.00)	
LCS2	Sulfate	50	50	100.0	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	52	104.0	(80.00 - 120.00)	
MSD	Sulfate	50	52	104.0	(80.00 - 120.00)	0.00

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

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QC Batch #72875 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.83	95.8	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.09	102.2	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.03	100.8	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.86	96.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.12	78.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.87	96.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.82	95.5	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.91	97.8	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	7.23	90.4	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	3.48	87.0	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				

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LCS1	Bromodichloromethane	4	3.93	98.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.15	103.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.64	91.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.75	93.8	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.98	99.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.64	91.0	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	2.84	71.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.94	98.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.80	90.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.09	102.2	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.65	91.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.74	93.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.51	87.8	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.57	114.2	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.79	89.5	(70.00 - 130.00)

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.77	94.2	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.03	100.4	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	3.75	93.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	3.94	98.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.15	103.8	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.01	75.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #72913 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	8.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.3	96.5	(75.00 - 125.00)	7.5

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

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QC Batch #73085 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	664	94.9	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #73253 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	96.7	96.7	(85.00 - 115.00)	5.3
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	97.2	97.2	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95.7	95.7	(70.00 - 130.00)	1.6

QC Batch #73258 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	441	88.2	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	428.	85.6	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	440.	88.0	(70.00 - 130.00)	2.8

QC Batch #73263 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.9	99.5	(85.00 - 115.00)	3.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	

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MSD	Lead, Total, ICAP/MS	20	20.8	104.0	(70.00 - 130.00)	6.5

QC Batch #73354 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	6.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0224	112.0	(85.00 - 115.00)	6.0

QC Batch #73359 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	97.2	101.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96.7	100.5	(90.00 - 110.00)	0.52
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	96.4	100.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.8	101.7	(80.00 - 120.00)	1.4

QC Batch #73384 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.4	97.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	4.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.2	101.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	19.7	98.5	(85.00 - 115.00)	2.5

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

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QC Batch #73387 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.0	98.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	47.6	95.2	(90.00 - 110.00)	2.9
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	48.0	96.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	47.2	94.4	(85.00 - 115.00)	1.7

QC Batch #73390 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.4	97.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.2	96.0	(90.00 - 110.00)	1.0
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.0	100.0	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	19.9	99.5	(85.00 - 115.00)	0.50

QC Batch #73393 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.6	105.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	52.7	105.4	(90.00 - 110.00)	0.19
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.3	104.6	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.6	103.2	(85.00 - 115.00)	1.3

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

MONTGOMERY WATSON LABORATORIES

March 9, 1998

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

Attention: Mark Cutler

Re: Report # 40488 (MW-981-114, -115, -006, -007, -009, -010, -008, -006MS, -006MSD)

Dear Mark,

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

Non-conformance (LCS,MS/MSD, Surrogates, and Holding Times):
None

Samples requiring dilution (with increased MRL's):
MW-981-010, -009, -006 was diluted for anions.

Method blanks with compounds detected:
None

Other Comments:
Sample 006 was provided with extra volumes for MS/MSD for metals and volatiles. The spiking levels for metals are 20 ug/L for arsenic and lead and 100 ug/L for chromium.

1,2-Dichloroethane was detected in sample ID: MW-981-010
1,2,3-Trichlorobenzene was detected in sample ID: MW-981-010
Chloroform was detected in sample ID: MW-981-010
Tetrachloroethylene was detected in sample ID: MW-981-010
Trichloroethylene was detected in sample ID: MW-981-010
Perchlorate was detected in sample ID: MW-981-009, -010

TICs
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

Quality Environmental Analysis

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 818-568-6400/FAX: 818-568-6324

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
Group#: 40488
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 02/09/98. 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
980209098	MW-981-114			Water			02/09/98
		@EBASVOA					
980209099	MW-981-115			Water			02/09/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	CLO4	
		CR-VI					
980209100	MW-981-006			Water			02/09/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	TDS	
		CATION	ANION1	PH	EC	HCO3	CO3
		ALK	NO3	SO4	CL	FE-MS	K-FL
		NA-FL	MG-FL	CA-FL	CLO4	CR-VI	
980209101	MW-981-007			Water			02/09/98
		@EBASVOA	CR-VI	CLO4	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	CR-MS	PB-MS	AS-GF	
980209102	MW-981-009			Water			02/09/98
		@EBASVOA	CR-VI	CLO4	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	CR-MS	PB-MS	AS-GF	
980209103	MW-981-010			Water			02/09/98
		@EBASVOA	CR-VI	CLO4	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	CR-MS	PB-MS	AS-GF	
980209104	MW-981-008			Water			02/09/98
		@EBASVOA	CR-VI	CLO4	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	CR-MS	PB-MS	AS-GF	

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

Customer Code: ENSERCH
PO#: Sub PO#007618
Group#: 40488
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
980209105	MW-981-006 MS	AS-GF PB-MS CR-MS	Water	02/09/98
980209106	MW-981-006 MSD	CR-MS PB-MS AS-GF	Water	02/09/98
980209107	MW-981-006 MS	@EBASVOA	Water	02/09/98
980209108	MW-981-006 MSD	@EBASVOA	Water	02/09/98

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-GF	Arsenic, Total, GF
CA-FL	Calcium, Flame AA
CATION	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	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-FL	Potassium, Flame AA
MG-FL	Magnesium, Flame AA
NA-FL	Sodium, Flame AA
NO3	Nitrate-N by IC
PB-MS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

40488

FOSTER WHEELER ENVIRONMENTAL CORPORATION

No. 0753

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0233

Project Address: 4800 OAK GROVE DR PASADENA CA

Sampler (Name): J. BRENNAN

Sampler (Signature):

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR MARK COTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (SW8 2)	TOTAL Di-C-PB	MAJOR ANIONS	HEX C	PERCHLORATE	VOC (MS)	VOC (MSD)	METALS (MS/MSD)		
MW-98I-114	0815	2/9/98	2	2x40ml	X			X					98	0209	098		
MW-98I-115	0830		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X			99		
MW-98I-006	0915		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X	100		X	105	106
MW-98I-007	1030		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X			101		
MW-98I-009	1240		6		X			X	X	X	X	X			102		
MW-98I-010	1345		6		X			X	X	X	X	X			103		
MW-98I-000	1600							X	X	X	X	X			104		
MW-98I-006MS	0915		2	2x40ml	X								X	107			
MW-98I-006MSD	0915		2	2x40ml	X									X	108		

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV QA/QC

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FWENC	Time:	Company:	Company:	Time:	Company:

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: CN SERCH Date Received: 2/9/98

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: 2/9/98
by (print) W. THA (sign) Warren

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: _____
   If Yes, enter the following: seal date: _____, seal name: _____

3. Were custody seals unbroken & intact at delivery? FOR ALL BOTTLES **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: WT (date) 2/9/98

B. LOG-IN PHASE: Date samples were logged-in: 2/9/98 by:
(print) W. THA (sign) WT

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, PR40488

			Result	MDL	UNITS
Analyzed	980209098	MW-981-114			
Analyzed	980209099	MW-981-115			
Analyzed	980209100	MW-981-006			
02/18/98	Alkalinity		170	2.000	MGL
02/21/98	Anion Sum		5.37	.001	MEQL
02/21/98	Bicarbonate as HCO3,calculated		194	.001	MGL
02/20/98	Calcium, Flame AA		6.6	1.000	MGL
02/21/98	Carbonate as CO3, Calculated		31.7	.001	MGL
02/21/98	Cation Sum		5.70	.001	MEQL
02/10/98	Chloride		38	2.000	MGL
02/17/98	Iron, Total, ICAP/MS		300	******	UGL
02/10/98	Lab pH		9.4	.001	UNIT
02/20/98	Magnesium, Flame AA		3.3	1.000	MGL
02/20/98	Potassium, Flame AA		3.9	1.000	MGL
02/20/98	Sodium, Flame AA		117	1.000	MGL
02/13/98	Specific Conductance		575	4.000	UMHO
02/10/98	Sulfate		43	4.000	MGL
02/10/98	Total Dissolved Solid (TDS)		350	10.000	MGL
Analyzed	980209101	MW-981-007			
02/18/98	Alkalinity		135	2.000	MGL
02/21/98	Anion Sum		3.45	.001	MEQL
02/21/98	Bicarbonate as HCO3,calculated		162	.001	MGL
02/20/98	Calcium, Flame AA		24	1.000	MGL
02/21/98	Carbonate as CO3, Calculated		5.28	.001	MGL
02/21/98	Cation Sum		3.51	.001	MEQL
02/10/98	Chloride		12	1.000	MGL
02/17/98	Iron, Total, ICAP/MS		550	******	UGL
02/10/98	Lab pH		8.7	.001	UNIT
02/20/98	Magnesium, Flame AA		11	1.000	MGL
02/10/98	Nitrate-N by IC		3.6	.100	MGL
02/20/98	Potassium, Flame AA		2.4	1.000	MGL
02/20/98	Sodium, Flame AA		31	1.000	MGL
02/13/98	Specific Conductance		340	4.000	UMHO
02/10/98	Sulfate		7.3	2.000	MGL
02/10/98	Total Dissolved Solid (TDS)		220	10.000	MGL
Analyzed	980209102	MW-981-009			
02/16/98	Chloroform (Trichloromethane)		0.7	.500	UGL
02/18/98	Alkalinity		205	2.000	MGL
02/21/98	Anion Sum		10.9	.001	MEQL
02/21/98	Bicarbonate as HCO3,calculated		250	.001	MGL
02/20/98	Calcium, Flame AA		69	1.000	MGL
02/21/98	Carbonate as CO3, Calculated		0.324	.001	MGL
02/21/98	Cation Sum		8.73	.001	MEQL
02/10/98	Chloride		100	2.000	MGL
02/10/98	Lab pH		7.3	.001	UNIT
02/20/98	Magnesium, Flame AA		43	1.000	MGL
02/10/98	Nitrate-N by IC		15	.200	MGL

02/12/98	Perchlorate	6.7	4.000	UGL
02/20/98	Potassium, Flame AA	3.6	1.000	MGL
02/20/98	Sodium, Flame AA	38	1.000	MGL
02/13/98	Specific Conductance	1050	4.000	UMHO
02/10/98	Sulfate	140	4.000	MGL
02/10/98	Total Dissolved Solid (TDS)	680	10.000	MGL

Analyzed 980209103 MW-981-010

02/16/98	1,1-Dichloroethane	1.2	.500	UGL
02/16/98	1,2,3-Trichlorobenzene	0.6	.500	UGL
02/16/98	Chloroform (Trichloromethane)	0.9	.500	UGL
02/16/98	Tetrachloroethylene (PCE)	1.6	.500	UGL
02/16/98	Trichloroethylene (TCE)	4.2	.500	UGL
02/23/98	Alkalinity	260	2.000	MGL
02/26/98	Anion Sum	13.1	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	317	.001	MGL
02/20/98	Calcium, Flame AA	180	5.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.259	.001	MGL
02/21/98	Cation Sum	15.1	.001	MEQL
02/10/98	Chloride	120	3.000	MGL
02/17/98	Iron, Total, ICAP/MS	1700	******	UGL
02/10/98	Lab pH	7.1	.001	UNIT
02/20/98	Magnesium, Flame AA	54	1.000	MGL
02/10/98	Nitrate-N by IC	13	.300	MGL
02/12/98	Perchlorate	5.2	4.000	UGL
02/20/98	Potassium, Flame AA	3.5	1.000	MGL
02/20/98	Sodium, Flame AA	36	1.000	MGL
02/13/98	Specific Conductance	1280	4.000	UMHO
02/10/98	Sulfate	170	6.000	MGL
02/10/98	Total Dissolved Solid (TDS)	810	10.000	MGL

Analyzed 980209104 MW-981-008

02/18/98	Alkalinity	145	2.000	MGL
02/21/98	Anion Sum	4.54	.001	MEQL
02/21/98	Bicarbonate as HCO3,calculated	177	.001	MGL
02/20/98	Calcium, Flame AA	40	1.000	MGL
02/21/98	Carbonate as CO3, Calculated	0.914	.001	MGL
02/21/98	Cation Sum	4.55	.001	MEQL
02/10/98	Chloride	24	1.000	MGL
02/17/98	Iron, Total, ICAP/MS	180	******	UGL
02/10/98	Lab pH	7.9	.001	UNIT
02/20/98	Magnesium, Flame AA	15	1.000	MGL
02/10/98	Nitrate-N by IC	9.1	.100	MGL
02/20/98	Potassium, Flame AA	2.1	1.000	MGL
02/20/98	Sodium, Flame AA	29	1.000	MGL
02/13/98	Specific Conductance	470	4.000	UMHO
02/10/98	Sulfate	15	2.000	MGL
02/10/98	Total Dissolved Solid (TDS)	290	10.000	MGL

Analyzed 980209105 MW-981-006 MS

02/18/98	Arsenic, Total, GF	0.0207	.005	MGL
02/17/98	Chromium, Total, ICAP/MS	97.5	10.000	UGL
02/17/98	Lead, Total, ICAP/MS	20.6	2.000	UGL

Analyzed 980209106 MW-981-006 MSD

02/18/98	Arsenic, Total, GF	0.0231	.005	MGL

02/17/98	Chromium, Total, ICAP/MS	96.0	10.000	UGL
02/17/98	Lead, Total, ICAP/MS	22.3	2.000	UGL

Analyzed 980209107 MW-981-006 MS

02/13/98	1,1-Dichloroethylene	3.40	.500	UGL
02/13/98	1,2,4-Trichlorobenzene	4.34	.500	UGL
02/13/98	Benzene	4.11	.500	UGL
02/13/98	Chlorobenzene	4.55	.500	UGL
02/13/98	Chloroform (Trichloromethane)	4.97	.500	UGL
02/13/98	Toluene	4.34	.500	UGL
02/13/98	Trichloroethylene (TCE)	4.44	.500	UGL
02/13/98	p-Chlorotoluene	3.80	.500	UGL
02/13/98	p-Dichlorobenzene (1,4-DCB)	3.77	.500	UGL

Analyzed 980209108 MW-981-006 MSD

02/13/98	1,1-Dichloroethylene	3.63	.500	UGL
02/13/98	1,2,4-Trichlorobenzene	3.87	.500	UGL
02/13/98	Benzene	4.10	.500	UGL
02/13/98	Chlorobenzene	4.65	.500	UGL
02/13/98	Chloroform (Trichloromethane)	4.90	.500	UGL
02/13/98	Toluene	4.41	.500	UGL
02/13/98	Trichloroethylene (TCE)	4.53	.500	UGL
02/13/98	p-Chlorotoluene	3.83	.500	UGL
02/13/98	p-Dichlorobenzene (1,4-DCB)	4.18	.500	UGL

MONTGOMERY WATSON LABORATORIES

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

Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

MAR 09 1993

DEB* Debbie Frank

Report#: 40488
JPL

MONTGOMERY WATSON LABORATORIES

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

Laboratory
Report
#40488

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

Samples Received
09-feb-1998 17:01:50

MW-981-114 (980209098) Sampled on 02/09/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

MONTGOMERY WATSON LABORATORIES

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

Laboratory
Report
#40488

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/13/98	73238	(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	103	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-115 (980209099) Sampled on 02/09/98								
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/13/98	73238	(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	81	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	100	% Rec		
MW-981-006 (980209100) Sampled on 02/09/98								
	02/18/98	73359	(ML/S2320B)	Alkalinity	170	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	5.37	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	6.6	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	5.70	meq/l	0.0010	1
	02/10/98	73113	(ML/EPA 300)	Chloride	38	mg/l	2.0	2
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	31.7	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	575	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	300	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	194	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.9	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	3.3	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	117	mg/l	1.0	1
	02/10/98	73115	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.20	2
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	9.4	Units	0.0010	1
	02/10/98	73116	(ML/EPA 300.0)	Sulfate	43	mg/l	4.0	2
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	350	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	88	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

MW-981-007 (980209101) Sampled on 02/09/98

	02/18/98	73359	(ML/S2320B)	Alkalinity	135	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	3.45	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	24	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	3.51	meq/l	0.0010	1
	02/10/98	73113	(ML/EPA 300)	Chloride	12	mg/l	1.0	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	5.28	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	340	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	550	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	162	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	2.4	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	11	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	31	mg/l	1.0	1

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/10/98	73115	(ML/EPA 300.0)	Nitrate-N by IC	3.6	mg/l	0.10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	8.7	Units	0.0010	1
	02/10/98	73116	(ML/EPA 300.0)	Sulfate	7.3	mg/l	2.0	1
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	220	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(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
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/13/98	73238	(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	82	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-009 (980209102) Sampled on 02/09/98								
	02/18/98	73359	(ML/S2320B)	Alkalinity	205	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	10.9	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	69	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	8.73	meq/l	0.0010	1
	02/10/98	73113	(ML/EPA 300)	Chloride	100	mg/l	2.0	2
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	6.7	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.324	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	1050	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	250	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.6	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	43	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	38	mg/l	1.0	1
	02/10/98	73115	(ML/EPA 300.0)	Nitrate-N by IC	15	mg/l	0.20	2
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	7.3	Units	0.0010	1
	02/10/98	73116	(ML/EPA 300.0)	Sulfate	140	mg/l	4.0	2
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	680	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.7	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	91	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-981-010 (980209103) Sampled on 02/09/98

	02/23/98	73616	(ML/S2320B)	Alkalinity	260	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	13.1	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	180	mg/l	5.0	5
	02/21/98		(ML/SM1040)	Cation Sum	15.1	meq/l	0.0010	1
	02/10/98	73113	(ML/EPA 300)	Chloride	120	mg/l	3.0	3
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	5.2	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.259	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	1280	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	1700	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	317	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.5	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	54	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	36	mg/l	1.0	1
	02/10/98	73115	(ML/EPA 300.0)	Nitrate-N by IC	13	mg/l	0.30	3

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	7.1	Units	0.0010	1
	02/10/98	73116	(ML/EPA 300.0)	Sulfate	170	mg/l	6.0	3
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	810	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	1.2	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	0.6	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.9	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.6	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.2	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	97	% Rec		
			(Surrogate)	Toluene-d8	104	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-008 (980209104) Sampled on 02/09/98								
	02/18/98	73359	(ML/S2320B)	Alkalinity	145	mg/l	2.0	1
	02/21/98		(ML/SM1040)	Anion Sum	4.54	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	40	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.55	meq/l	0.0010	1
	02/10/98	73113	(ML/EPA 300)	Chloride	24	mg/l	1.0	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/21/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.914	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/09/98	72726	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	470	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	180	ug/l	100	1
	02/21/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	177	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	2.1	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	15	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	29	mg/l	1.0	1
	02/10/98	73115	(ML/EPA 300.0)	Nitrate-N by IC	9.1	mg/l	0.10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/10/98		(ML/SM 4500H)	Lab pH	7.9	Units	0.0010	1
	02/10/98	73116	(ML/EPA 300.0)	Sulfate	15	mg/l	2.0	1
	02/10/98	73085	(ML/S2540C)	Total Dissolved Solid (TDS)	290	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(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
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(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
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None Detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	110	% Rec		
			(Surrogate)	4-Bromofluorobenzene	87	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		
MW-981-006 MS (980209105) Sampled on 02/09/98								
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	0.0207	mg/l	0.005	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	97.5	ug/l	10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	20.6	ug/l	2.0	1
MW-981-006 MSD (980209106) Sampled on 02/09/98								
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	0.0231	mg/l	0.005	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	96.0	ug/l	10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	22.3	ug/l	2.0	1
MW-981-006 MS (980209107) Sampled on 02/09/98								
				Regulated VOCs plus Lists 1&3				
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1

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	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	3.40	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.34	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	3.77	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	3.80	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	4.11	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	4.55	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.97	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.44	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	4.34	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	84	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

MW-981-006 MSD (980209108) Sampled on 02/09/98

Regulated VOCs plus Lists 1&3

	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	3.63	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	3.87	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.18	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	3.83	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	4.10	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	4.65	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.90	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.53	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	4.41	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	84	% Rec		
			(Surrogate)	Toluene-d8	102	% Rec		

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Comments
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Group Comments

(Balance) The anion sum and cation sum percent difference is greater than 5% for sample MW-981-009, and MW-981-010. The results support the reported values.

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Foster Wheeler Environmental, Inc

QC Batch #72726 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0501	100.2	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0509	101.8	(78.00 - 118.00)	1.6
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0501	100.2	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0492	98.4	(80.00 - 120.00)	1.8

QC Batch #72913 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	8.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.3	96.5	(75.00 - 125.00)	7.5

QC Batch #73085 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	174	99.4	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	664	94.9	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #73113 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25	100.0	(90.00 - 110.00)	
LCS2	Chloride	25	25	100.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26	104.0	(80.00 - 120.00)	
MSD	Chloride	25	26	104.0	(80.00 - 120.00)	0.00

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

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Foster Wheeler Environmental, Inc
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QC Batch #73115 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	0.00

QC Batch #73116 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50	100.0	(90.00 - 110.00)	
LCS2	Sulfate	50	50	100.0	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	52	104.0	(80.00 - 120.00)	
MSD	Sulfate	50	52	104.0	(80.00 - 120.00)	0.00

QC Batch #73238 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.01	100.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	5.03	125.8	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.56	114.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.00	100.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				

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

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MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.01	100.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.27	106.7	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.19	104.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.17	102.1	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	3.68	92.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.25	106.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.50	112.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.04	101.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.39	109.7	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.65	116.3	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.30	107.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			

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

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LCS1	Dichloromethane	4	3.98	99.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.27	106.7	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.10	105.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.38	109.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.85	96.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.19	104.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.78	94.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.91	122.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.73	86.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.27	106.7	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.06	100.8	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.38	109.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.49	112.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.57	114.2	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			

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

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(continued)

MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.25	81.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73246 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.44	86.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.61	90.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.47	86.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.71	92.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.23	80.8	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	3.49	87.2	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	6.81	85.1	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				

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

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Laboratory
QC Report
#40488

Foster Wheeler Environmental, Inc
(continued)

MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	3.34	83.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.86	96.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.69	92.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.80	95.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.82	95.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.64	91.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.13	78.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.64	82.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.76	94.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.90	97.5	(70.00 - 130.00)

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

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.64	91.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.46	73.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.34	104.2	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.07	101.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.14	103.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.16	104.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	2.90	72.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73253 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	96.7	96.7	(85.00 - 115.00)	5.3
MBLK	Chromium, Total, ICAP/MS	ND		0.0		

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(continued)

MS	Chromium, Total, ICAP/MS	100	97.2	97.2	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95.7	95.7	(70.00 - 130.00)	1.6

QC Batch #73258 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	441	88.2	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	428.	85.6	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	440.	88.0	(70.00 - 130.00)	2.8

QC Batch #73263 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.9	99.5	(85.00 - 115.00)	3.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.8	104.0	(70.00 - 130.00)	6.5

QC Batch #73354 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	6.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0224	112.0	(85.00 - 115.00)	6.0

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73359 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	97.2	101.0	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	96.7	100.5	(90.00 - 110.00)	0.52
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	96.4	100.2	(80.00 - 120.00)	
MSD	Alkalinity	96.2	97.8	101.7	(80.00 - 120.00)	1.4

QC Batch #73384 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.4	97.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	4.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.2	101.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	19.7	98.5	(85.00 - 115.00)	2.5

QC Batch #73387 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.0	98.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	47.6	95.2	(90.00 - 110.00)	2.9
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	48.0	96.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	47.2	94.4	(85.00 - 115.00)	1.7

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

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(continued)

QC Batch #73390 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.4	97.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.2	96.0	(90.00 - 110.00)	1.0
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.0	100.0	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	19.9	99.5	(85.00 - 115.00)	0.50

QC Batch #73393 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.6	105.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	52.7	105.4	(90.00 - 110.00)	0.19
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.3	104.6	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.6	103.2	(85.00 - 115.00)	1.3

QC Batch #73394 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.1	106.2	(90.00 - 110.00)	0.57
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.9	105.8	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.2	102.4	(85.00 - 115.00)	3.3

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73616 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	96.4	100.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	95.8	99.6	(90.00 - 110.00)	0.62
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	94.7	98.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	93.3	97.0	(80.00 - 120.00)	1.5

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

MONTGOMERY WATSON LABORATORIES

March 9, 1998

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

Attention: Mark Cutler

Re: Report # 40523(MW-981-116, -066, -066MS, -066MSD, -061, -062, -067, -063, -079, -042)

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):
(As-GF) QC batch 73461: MSD for Arsenic is outside 85-115% acceptance limits, RPD is acceptable. Acceptable limits per QAPP are 70-130%. Data is acceptable for reporting, no qualifier. The sample used for MS/MSD was MW-981-065.

Samples requiring dilution (with increased MRL's):
MW-981-042, -063, -062, -066 was diluted for anions.
MW-981-062 was diluted for calcium

Method blanks with compounds detected:
(FE-MS) QC batch 73259: Iron was detected in the Method Blank at greater than ½ the MWLabs MRL of 100 ug/L, at 79 ug/L. Sample MW-981-062 and -067 may have a high bias to the result. Use data with caution. All other samples are Non Detect (ND) for this analyte.

Other Comments:
Sample 066 was provided with extra volumes for MS/MSD for metals and volatiles. The spiking levels for metals are 20 ug/L for arsenic and lead and 100 ug/L for chromium.
The Cation/Anion balance for MW-981-066, -062, and -067 does not meet MWLs internal QC criteria. Re-analysis of Calcium was performed but the criteria still does not meet. If this does not meet historical information, MWL will perform additional re-analysis upon request.
1,2-Dichloroethane was detected in sample ID: MW-981-066, -061, --062
Chloroform was detected in sample ID: MW-981-061, -062
Tetrachloroethylene was detected in sample ID: MW-981-066, -061, --062
Trichloroethylene was detected in sample ID: MW-981-061, -062
Perchlorate was detected in sample ID: MW-981-061, -062, -067

TICs
An unknown VOC (RT 6.21) was detected in sample ID: MW-981-063

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

Quality Environmental Analysis

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 818-568-6400/FAX: 818-568-6324

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
Group#: 40523
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 02/10/98. 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
980210261	MW-981-116			Water			02/10/98
		@EBASVOA					
980210262	MW-981-066			Water			02/10/98
		@EBASVOA	AS-GF	CR-MS	PB-MS	TDS	
		CATION	ANION1	PH	EC	HCO3	CO3
		ALK	NO3	SO4	CL	FE-MS	K-FL
		NA-FL	MG-FL	CA-FL	CR-VI	CLO4	
980210263	MW-981-066 MS			Water			02/10/98
		@EBASVOA	AS-GF	CR-MS	PB-MS		
980210264	MW-981-066 MSD			Water			02/10/98
		@EBASVOA	PB-MS	CR-MS	AS-GF		
980210265	MW-981-061			Water			02/10/98
		@EBASVOA	AS-GF	CR-MS	PB-MS	CR-VI	
		CLO4					
980210266	MW-981-062			Water			02/10/98
		@EBASVOA	AS-GF	CR-MS	PB-MS	TDS	
		CATION	ANION1	PH	EC	HCO3	CO3
		ALK	NO3	SO4	CL	FE-MS	K-FL
		NA-FL	MG-FL	CA-FL	CR-VI	CLO4	
980210267	MW-981-067			Water			02/10/98
		@EBASVOA	CLO4	CR-VI	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	PB-MS	CR-MS	AS-GF	
980210268	MW-981-063			Water			02/10/98
		@EBASVOA	CLO4	CR-VI	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	PB-MS	CR-MS	AS-GF	

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

Customer Code: ENSERCH
PO#: Sub PO#007618
Group#: 40523
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Sample#	Sample Id	Tests Scheduled		Matrix			Sample Date
980210269	MW-981-079			Water			02/10/98
		@EBASVOA	CLO4	CR-VI	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	PB-MS	CR-MS	AS-GF	
980210270	MW-981-042			Water			02/10/98
		@EBASVOA	CLO4	CR-VI	CA-FL	MG-FL	
		NA-FL	K-FL	FE-MS	CL	SO4	NO3
		ALK	CO3	HCO3	EC	PH	ANION
		CATION	TDS	PB-MS	CR-MS	AS-GF	

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-GF	Arsenic, Total, GF
CA-FL	Calcium, Flame AA
CATION	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	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-FL	Potassium, Flame AA
MG-FL	Magnesium, Flame AA
NA-FL	Sodium, Flame AA
NO3	Nitrate-N by IC
PB-MS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

40523

FOSTER WHEELER ENVIRONMENTAL CORPORATION

.12 .1754

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

Project Address: 4900 OAK GROVE DR. PASADENA, CA

Sampler (Name): J. B.

Sampler: (Signature): J. BRETNAL

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC (SDWA)	TPH, Cr, Pb	EPA 8010/8021	HEX Cr	Formaldehyde	VOCs (MS)	VOCs (MSD)	TPH, Cr, Pb (MS/MSD)		
MW-951-116	0330	2/10/95	2	2x40ml	X			X		980210261							
MW-951-066	0920		6	2x40ml 2x250ml 2x125ml	X			X	X	X	X	X	262		X	263,64	
MW-951-061	1105		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X	265				
MW-951-062	1100		6	2x40ml 1x250ml 2x125ml 1x250ml	X			X	X	X	X	X	266				
MW-951-061	1210		6		X			X	X	X	X	X	267				
MW-951-063	1425		6		X			X	X	X	X	X	268				
MW-951-071	1515		6		X			X	X	X	X	X	269				
MW-951-042	1615		6		X			X	X	X	X	X	270				
MW-951-066MS	0920		2	2x40ml	X								X		263,		
MW-951-066(MSD)	0920		2	2x40ml	X									X	264		

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV QA/QC

* FROM ORIGINAL BOTTLE, NO EXTRA FOR MS/MSD

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FW	Time: 1100	Company: M.W.	Company:	Time:	Company:

F-2

Shipping Copy (Pink) • File Copy (White) • Field Copy (Canary)

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: FOSTER WHEELER Date Received: 2-10-98

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: 2-10-98

by (print) MARTIN L. DE MESA (sign) _____

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

2. Were custody seals on outside of cooler? Yes **No**
   If YES, how many & where: _____
   If Yes, enter the following: seal date: _____, seal name: _____

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

4. Were custody papers sealed in bag & taped to lid? OF COURIER **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: YES (date) 2-10-98

B. LOG-IN PHASE: Date samples were logged-in: 2-10-98 by:
   (print) M. DE MESA (sign) _____

9. Describe packing: TEMP 4-7

10. If required, was enough ice used? USED REG ICE (OKAY) **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, PR40523

			Result	MDL	UNITS
Analyzed	980210261	MW-981-116			
Analyzed	980210262	MW-981-066			
02/16/98	1,1-Dichloroethane		1.0	.500	UGL
02/16/98	Tetrachloroethylene (PCE)		2.0	.500	UGL
02/23/98	Alkalinity		175	2.000	MGL
02/26/98	Anion Sum		8.14	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated		213	.001	MGL
02/20/98	Calcium, Flame AA		66	1.000	MGL
02/26/98	Carbonate as CO3, Calculated		0.174	.001	MGL
03/09/98	Cation Sum		7.2	.001	MEQL
02/12/98	Chloride		79	2.000	MGL
02/17/98	Lab pH		7.1	.001	UNIT
02/20/98	Magnesium, Flame AA		32	1.000	MGL
02/12/98	Nitrate-N by IC		7.8	.200	MGL
02/20/98	Potassium, Flame AA		2.2	1.000	MGL
02/20/98	Sodium, Flame AA		28	1.000	MGL
02/13/98	Specific Conductance		825	4.000	UMHO
02/12/98	Sulfate		89	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)		490	10.000	MGL
Analyzed	980210263	MW-981-066 MS			
02/13/98	1,1-Dichloroethylene		3.33	.500	UGL
02/13/98	1,2,4-Trichlorobenzene		4.06	.500	UGL
02/13/98	Benzene		3.94	.500	UGL
02/13/98	Chlorobenzene		4.58	.500	UGL
02/13/98	Chloroform (Trichloromethane)		5.17	.500	UGL
02/13/98	Toluene		4.22	.500	UGL
02/13/98	Trichloroethylene (TCE)		4.76	.500	UGL
02/13/98	p-Chlorotoluene		3.40	.500	UGL
02/13/98	p-Dichlorobenzene (1,4-DCB)		3.85	.500	UGL
02/18/98	Arsenic, Total, GF		0.0211	.005	MGL
02/17/98	Chromium, Total, ICAP/MS		94.9	10.000	UGL
02/17/98	Lead, Total, ICAP/MS		20.3	2.000	UGL
Analyzed	980210264	MW-981-066 MSD			
02/16/98	1,1-Dichloroethylene		3.43	.500	UGL
02/16/98	1,2,4-Trichlorobenzene		4.05	.500	UGL
02/16/98	Benzene		3.58	.500	UGL
02/16/98	Chlorobenzene		4.01	.500	UGL
02/16/98	Chloroform (Trichloromethane)		4.49	.500	UGL
02/16/98	Toluene		4.02	.500	UGL
02/16/98	Trichloroethylene (TCE)		4.10	.500	UGL
02/16/98	p-Chlorotoluene		4.08	.500	UGL
02/16/98	p-Dichlorobenzene (1,4-DCB)		4.23	.500	UGL
02/18/98	Arsenic, Total, GF		0.0224	.005	MGL
02/17/98	Chromium, Total, ICAP/MS		95.7	10.000	UGL
02/17/98	Lead, Total, ICAP/MS		20.2	2.000	UGL
Analyzed	980210265	MW-981-061			
02/16/98	1,1-Dichloroethane		1.4	.500	UGL

02/16/98	Chloroform (Trichloromethane)	1.2	.500	UGL
02/16/98	Tetrachloroethylene (PCE)	2.1	.500	UGL
02/16/98	Trichloroethylene (TCE)	0.9	.500	UGL
02/12/98	Perchlorate	5.1	4.000	UGL

Analyzed 980210266 MW-981-062

02/16/98	1,1-Dichloroethane	1.6	.500	UGL
02/16/98	Chloroform (Trichloromethane)	1.4	.500	UGL
02/16/98	Tetrachloroethylene (PCE)	2.2	.500	UGL
02/16/98	Trichloroethylene (TCE)	1.1	.500	UGL
02/23/98	Alkalinity	215	2.000	MGL
02/26/98	Anion Sum	11.7	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	262	.001	MGL
02/20/98	Calcium, Flame AA	170	5.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.170	.001	MGL
03/09/98	Cation Sum	14.1	.001	MEQL
02/12/98	Chloride	100	3.000	MGL
02/17/98	Iron, Total, ICAP/MS	140	******	UGL
02/17/98	Lab pH	7.0	.001	UNIT
02/20/98	Magnesium, Flame AA	49	1.000	MGL
02/12/98	Nitrate-N by IC	18	.300	MGL
02/12/98	Perchlorate	4.7	4.000	UGL
02/20/98	Potassium, Flame AA	3.5	1.000	MGL
02/20/98	Sodium, Flame AA	33	1.000	MGL
02/13/98	Specific Conductance	1190	4.000	UMHO
02/12/98	Sulfate	160	6.000	MGL
02/16/98	Total Dissolved Solid (TDS)	700	10.000	MGL

Analyzed 980210267 MW-981-067

02/23/98	Alkalinity	140	2.000	MGL
02/26/98	Anion Sum	4.91	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	171	.001	MGL
02/20/98	Calcium, Flame AA	39	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.070	.001	MGL
02/21/98	Cation Sum	4.31	.001	MEQL
02/12/98	Chloride	26	1.000	MGL
02/17/98	Iron, Total, ICAP/MS	140	******	UGL
02/17/98	Lab pH	6.8	.001	UNIT
02/20/98	Magnesium, Flame AA	17	1.000	MGL
02/12/98	Nitrate-N by IC	2.4	.100	MGL
02/12/98	Perchlorate	4.2	4.000	UGL
02/20/98	Potassium, Flame AA	3.4	1.000	MGL
02/20/98	Sodium, Flame AA	20	1.000	MGL
02/13/98	Specific Conductance	495	4.000	UMHO
02/12/98	Sulfate	58	2.000	MGL
02/16/98	Total Dissolved Solid (TDS)	290	10.000	MGL

Analyzed 980210268 MW-981-063

02/23/98	Alkalinity	225	2.000	MGL
02/26/98	Anion Sum	6.23	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	274	.001	MGL
02/20/98	Calcium, Flame AA	64	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.224	.001	MGL
02/21/98	Cation Sum	6.37	.001	MEQL
02/12/98	Chloride	15	2.000	MGL
02/17/98	Lab pH	7.1	.001	UNIT
02/20/98	Magnesium, Flame AA	23	1.000	MGL

02/12/98	Nitrate-N by IC	5.5	.200	MGL
02/20/98	Potassium, Flame AA	4.2	1.000	MGL
02/20/98	Sodium, Flame AA	27	1.000	MGL
02/13/98	Specific Conductance	625	4.000	UMHO
02/12/98	Sulfate	44	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)	360	10.000	MGL

Analyzed 980210269 MW-981-079

02/23/98	Alkalinity	180	2.000	MGL
02/26/98	Anion Sum	5.02	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	219	.001	MGL
02/20/98	Calcium, Flame AA	43	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.713	.001	MGL
02/21/98	Cation Sum	4.86	.001	MEQL
02/12/98	Chloride	16	1.000	MGL
02/17/98	Lab pH	7.7	.001	UNIT
02/20/98	Magnesium, Flame AA	17	1.000	MGL
02/12/98	Nitrate-N by IC	1.3	.100	MGL
02/20/98	Potassium, Flame AA	3.6	1.000	MGL
02/20/98	Sodium, Flame AA	28	1.000	MGL
02/13/98	Specific Conductance	500	4.000	UMHO
02/12/98	Sulfate	42	2.000	MGL
02/16/98	Total Dissolved Solid (TDS)	280	10.000	MGL

Analyzed 980210270 MW-981-042

02/23/98	Alkalinity	200	2.000	MGL
02/26/98	Anion Sum	5.43	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	244	.001	MGL
02/20/98	Calcium, Flame AA	53	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.251	.001	MGL
02/21/98	Cation Sum	5.51	.001	MEQL
02/12/98	Chloride	13	2.000	MGL
02/17/98	Lab pH	7.2	.001	UNIT
02/20/98	Magnesium, Flame AA	21	1.000	MGL
02/12/98	Nitrate-N by IC	4.4	.200	MGL
02/20/98	Potassium, Flame AA	3.4	1.000	MGL
02/20/98	Sodium, Flame AA	24	1.000	MGL
02/13/98	Specific Conductance	545	4.000	UMHO
02/12/98	Sulfate	36	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)	300	10.000	MGL

MONTGOMERY WATSON LABORATORIES

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

Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

MAR 09 1993

DEB* Debbie Frank

Report#: 40523
JPL

MONTGOMERY WATSON LABORATORIES

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Laboratory
Report
#40523

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

Samples Received
10-feb-1998 18:02:44

MW-981-116 (980210261) Sampled on 02/10/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
Report
#40523

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/13/98	73238	(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	80	% Rec		
			(Surrogate)	Toluene-d8	103	% Rec		

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Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-066 (980210262) Sampled on 02/10/98								
	02/23/98	73616	(ML/S2320B)	Alkalinity	175	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	8.14	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	66	mg/l	1.0	1
	03/09/98		(ML/SM1040)	Cation Sum	7.2	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	79	mg/l	2.0	2
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.174	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	825	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	213	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	2.2	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	32	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	7.8	mg/l	0.20	2
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.1	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	89	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	490	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	1.0	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	2.0	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	96	% Rec		
			(Surrogate)	Toluene-d8	108	% Rec		

MW-981-066 MS (980210263) Sampled on 02/10/98

02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	0.0211	mg/l	0.005	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	94.9	ug/l	10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	20.3	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

	02/13/98	73238	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloroethylene	3.33	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.06	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	3.85	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Chlorotoluene	3.40	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	02/13/98	73238	(ML/EPA 524.2)	Benzene	3.94	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorobenzene	4.58	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroform (Trichloromethane)	5.17	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/13/98	73238	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.76	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Toluene	4.22	ug/l	0.50	1
	02/13/98	73238	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	115	% Rec		
			(Surrogate)	4-Bromofluorobenzene	81	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

MW-981-066 MSD (980210264) Sampled on 02/10/98

02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	0.0224	mg/l	0.005	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	95.7	ug/l	10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	20.2	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	3.43	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	4.05	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	4.23	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	4.08	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	3.58	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	4.01	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.49	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	0.50	1

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(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.10	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	4.02	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	0.30	1
			(Surrogate)	1,2-Dichloroethane-d4	106	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

MW-981-061 (980210265) Sampled on 02/10/98

02/16/98	02/18/98	73354	(S3113B/E200.9)	**Arsenic, Total, GF**	ND	mg/l	0.005	1
	02/12/98	72913	(MOD/EPA 300)	**Perchlorate**	5.1	ug/l	4.0	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	**Chromium, Total, ICAP/MS**	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	**Hexavalent chromium (Cr VI)**	ND	mg/l	0.005	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	**Lead, Total, ICAP/MS**	ND	ug/l	2.0	1

Regulated VOCs plus Lists 1&3

	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	1.4	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.2	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	2.1	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	0.9	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	105	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

MW-981-062 (980210266) Sampled on 02/10/98

	02/23/98	73616	(ML/S2320B)	Alkalinity	215	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	11.7	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	170	mg/l	5.0	5
	03/09/98		(ML/SM1040)	Cation Sum	14.1	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	100	mg/l	3.0	3
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	4.7	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.170	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	1190	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	140	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	262	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.5	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	49	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	33	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	18	mg/l	0.30	3
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.0	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	160	mg/l	6.0	3

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	700	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	1.6	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.4	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	2.2	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	1.1	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	102	% Rec		
			(Surrogate)	4-Bromofluorobenzene	93	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-067 (980210267) Sampled on 02/10/98								
	02/23/98	73616	(ML/S2320B)	Alkalinity	140	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	4.91	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	39	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.31	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	26	mg/l	1.0	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	4.2	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.070	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	495	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	140	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	171	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.4	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	20	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	2.4	mg/l	0.10	1
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	6.8	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	58	mg/l	2.0	1
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	290	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	102	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

MW-981-063 (980210268) Sampled on 02/10/98

	02/23/98	73616	(ML/S2320B)	Alkalinity	225	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	6.23	meq/l	0.0010	1
02/16/98	02/18/98	73354	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	64	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	6.37	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	15	mg/l	2.0	2
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.224	mg/l	0.0010	1
02/17/98	02/17/98	73253	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	625	umho/cm	4.0	1
02/16/98	02/17/98	73258	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	274	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	4.2	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	23	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	27	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	5.5	mg/l	0.20	2

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
02/17/98	02/17/98	73263	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.1	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	44	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	360	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	Unknown RT:6.21	3.9	ug/L		1
			(Surrogate)	1,2-Dichloroethane-d4	109	% Rec		
			(Surrogate)	4-Bromofluorobenzene	105	% Rec		
			(Surrogate)	Toluene-d8	105	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-079 (980210269) Sampled on 02/10/98								
	02/23/98	73616	(ML/S2320B)	Alkalinity	180	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	5.02	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73393	(ML/S3111B)	Calcium, Flame AA	43	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.86	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	16	mg/l	1.0	1
	02/12/98	72913	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.713	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	500	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	219	mg/l	0.0010	1
	02/20/98	73384	(ML/S3111B)	Potassium, Flame AA	3.6	mg/l	1.0	1
	02/20/98	73390	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	02/20/98	73387	(ML/S3111B)	Sodium, Flame AA	28	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	1.3	mg/l	0.10	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.7	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	42	mg/l	2.0	1
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	280	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	104	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

MW-981-042 (980210270) Sampled on 02/10/98

	02/23/98	73616	(ML/S2320B)	Alkalinity	200	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	5.43	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	53	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	5.51	meq/l	0.0010	1
	02/12/98	73119	(ML/EPA 300)	Chloride	13	mg/l	2.0	2
	02/12/98	72914	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.251	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/10/98	72760	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	545	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	244	mg/l	0.0010	1
	02/20/98	73385	(ML/S3111B)	Potassium, Flame AA	3.4	mg/l	1.0	1
	02/20/98	73391	(ML/S3111B)	Magnesium, Flame AA	21	mg/l	1.0	1
	02/20/98	73388	(ML/S3111B)	Sodium, Flame AA	24	mg/l	1.0	1
	02/12/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	4.4	mg/l	0.20	2

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.2	Units	0.0010	1
	02/12/98	73122	(ML/EPA 300.0)	Sulfate	36	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	300	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/17/98	73247	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	94	% Rec		
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

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Report
Comments
#40523

Group Comments

Matrix spike& Matrix duplicate spike was performed on sample#980210263 for metals.GG 02/24/98.

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Laboratory
QC Report
#40523

Foster Wheeler Environmental, Inc

QC Batch #72760 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0499	99.8	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0499	99.8	(78.00 - 118.00)	0.00
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0499	99.8	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0508	101.6	(80.00 - 120.00)	1.8

QC Batch #72913 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	8.7
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.8	104.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.3	96.5	(75.00 - 125.00)	7.5

QC Batch #72914 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.0	95.0	(90.00 - 110.00)	1.6
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	17.7	88.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.2	96.0	(75.00 - 125.00)	8.1

QC Batch #73119 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25	100.0	(90.00 - 110.00)	
LCS2	Chloride	25	25	100.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26	104.0	(80.00 - 120.00)	
MSD	Chloride	25	26	104.0	(80.00 - 120.00)	0.00

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

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73121 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	0.00

QC Batch #73122 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50	100.0	(90.00 - 110.00)	
LCS2	Sulfate	50	50	100.0	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	53	106.0	(80.00 - 120.00)	
MSD	Sulfate	50	53	106.0	(80.00 - 120.00)	0.00

QC Batch #73173 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	170	97.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	670	95.7	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #73238 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	4.01	100.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	5.03	125.8	(70.00 - 130.00)	

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

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MBLK	1,1,2,2-Tetrachloroethane	ND			
LCS1	1,1,2-Trichloroethane	4	4.56	114.0	(70.00 - 130.00)
MBLK	1,1,2-Trichloroethane	ND			
LCS1	1,1-Dichloroethane	4	4.00	100.0	(70.00 - 130.00)
MBLK	1,1-Dichloroethane	ND			
LCS1	1,1-Dichloroethylene	4	3.11	77.8	(70.00 - 130.00)
MBLK	1,1-Dichloroethylene	ND			
MBLK	1,1-Dichloropropene	ND			
MBLK	1,2,3-Trichlorobenzene	ND			
MBLK	1,2,3-Trichloropropane	ND			
LCS1	1,2,4-Trichlorobenzene	4	4.01	100.2	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	4.27	106.7	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	4.19	104.8	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	8.17	102.1	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	3.68	92.0	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.25	106.2	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.50	112.5	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	4.04	101.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.39	109.7	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			

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

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LCS1	Chlorodibromomethane	4	4.65	116.3	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.30	107.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.98	99.5	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	4.27	106.7	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	2.10	105.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.38	109.5	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.85	96.2	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	4.19	104.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.78	94.5	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.91	122.8	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.73	86.5	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.27	106.7	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.06	100.8	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			

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MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.38	109.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.49	112.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.57	114.2	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.25	81.2	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73246 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.44	86.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.61	90.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.47	86.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	3.71	92.8	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	3.23	80.8	(70.00 - 130.00)	

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

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MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.49	87.2	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.81	85.1	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	3.34	83.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.86	96.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.69	92.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.80	95.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.82	95.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.64	91.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.13	78.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.64	82.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			

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

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MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.76	94.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.64	91.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.46	73.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.34	104.2	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.07	101.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.14	103.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.16	104.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	2.90	72.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

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

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QC Batch #73247 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.54	113.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.15	103.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.30	82.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.35	108.7	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.22	105.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.62	107.7	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				
LCS1	Benzene	4	3.61	90.2	(70.00 - 130.00)	
MBLK	Benzene	ND				
MBLK	Bromobenzene	ND				
MBLK	Bromochloromethane	ND				

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

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LCS1	Bromodichloromethane	4	4.39	109.7	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.79	119.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.74	93.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.28	107.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.78	119.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.22	105.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.76	94.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.96	99.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.70	85.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.03	100.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.74	93.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.83	95.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.89	97.2	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.73	118.3	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.44	72.0	(70.00 - 130.00)

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

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MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.54	106.7	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.46	111.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.13	103.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.15	103.8	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.46	86.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73253 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	102	102.0	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	96.7	96.7	(85.00 - 115.00)	5.3
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	97.2	97.2	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	95.7	95.7	(70.00 - 130.00)	1.6

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

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QC Batch #73254 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	86.5	86.5	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	99.9	99.9	(85.00 - 115.00)	14
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	0.00

QC Batch #73258 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	496	99.2	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	441	88.2	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND		0.0		
MS	Iron, Total, ICAP/MS	500	428.	85.6	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	440.	88.0	(70.00 - 130.00)	2.8

QC Batch #73259 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	440	88.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	497	99.4	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND	78.7	0.0		
MS	Iron, Total, ICAP/MS	500	426.	85.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	424.	84.8	(70.00 - 130.00)	0.47

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

MONTGOMERY WATSON LABORATORIES

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #73263 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	20.7	103.5	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	19.9	99.5	(85.00 - 115.00)	3.9
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.5	97.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20.8	104.0	(70.00 - 130.00)	6.5

QC Batch #73264 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	17.4	87.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	20.1	100.5	(85.00 - 115.00)	14
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.3	96.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20	100.0	(70.00 - 130.00)	3.6

QC Batch #73354 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0225	112.5	(85.00 - 115.00)	6.4
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0211	105.5	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0224	112.0	(85.00 - 115.00)	6.0

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

MONTGOMERY WATSON LABORATORIES
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 #73384 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.4	97.0	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	4.0
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.2	101.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	19.7	98.5	(85.00 - 115.00)	2.5

QC Batch #73385 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	3.5
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.8	104.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	20.7	103.5	(85.00 - 115.00)	0.48

QC Batch #73387 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.0	98.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	47.6	95.2	(90.00 - 110.00)	2.9
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	48.0	96.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	47.2	94.4	(85.00 - 115.00)	1.7

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

MONTGOMERY WATSON LABORATORIES

555 East Walnut Street
Pasadena, California 91101
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1 800 566 LABS (1 800 566 5227)

Laboratory
QC Report
#40523

Foster Wheeler Environmental, Inc
(continued)

QC Batch #73388 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.5	99.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	48.5	97.0	(90.00 - 110.00)	2.0
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.5	101.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	50.4	100.8	(85.00 - 115.00)	0.20

QC Batch #73390 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.4	97.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.2	96.0	(90.00 - 110.00)	1.0
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.0	100.0	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	19.9	99.5	(85.00 - 115.00)	0.50

QC Batch #73391 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.8	99.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.1	95.5	(90.00 - 110.00)	3.6
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	20.4	102.0	(85.00 - 115.00)	0.49

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

MONTGOMERY WATSON LABORATORIES

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

Foster Wheeler Environmental, Inc
(continued)

QC Batch #73393 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.6	105.2	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	52.7	105.4	(90.00 - 110.00)	0.19
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.3	104.6	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.6	103.2	(85.00 - 115.00)	1.3

QC Batch #73394 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.1	106.2	(90.00 - 110.00)	0.57
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.9	105.8	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.2	102.4	(85.00 - 115.00)	3.3

QC Batch #73461 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0189	94.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0222	111.0	(85.00 - 115.00)	16
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0232	116.0	(85.00 - 115.00)	12

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

MONTGOMERY WATSON LABORATORIES

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

Laboratory
QC Report
#40523

Foster Wheeler Environmental, Inc
(continued)

QC Batch #73616 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	96.4	100.2	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	95.8	99.6	(90.00 - 110.00)	0.62
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	94.7	98.4	(80.00 - 120.00)	
MSD	Alkalinity	96.2	93.3	97.0	(80.00 - 120.00)	1.5

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

MONTGOMERY WATSON LABORATORIES

February 27, 1998

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

Attention: Mark Cutler

Re: Report # 40550 (MW-981-117, -118, -200, -065, -041, -064, -020, -065MS, -065MSD)

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):
(As-GF) QC batch 73461: MSD for Arsenic is outside 85-115% acceptance limits, RPD is acceptable. Acceptable limits per QAPP are 70-130%. Data is acceptable for reporting, no qualifier. The sample used for MS/MSD was MW-981-065.

Samples requiring dilution (with increased MRL's):
MW-981-020, -041, -065 was diluted for anions.
MW-981-041, -065 was diluted for Volatile Organic Compounds
MW-981-041, -065 was diluted for perchlorate

Method blanks with compounds detected:
(FE-MS) QC batch 73259: Iron was detected in the Method Blank at greater than ½ the MWLabs MRL of 100 ug/L, at 79 ug/L. Sample MW-981-020 may have a high bias to the result. Use data with caution. All other samples are Non Detect (ND) for this analyte.

Other Comments:
Sample 065 was provided with extra volumes for MS/MSD for metals and volatiles. The spiking levels for metals are 20 ug/L for arsenic and lead and 100 ug/L for chromium.
1,1-Dichlorooethylene was detected in sample ID: MW-981-065, -041
1,2-Dichloroethane was detected in sample ID: MW-981-065
Carbon Tetrachloride was detected in sample ID: MW-981-065, -041, -064
Chloroform was detected in sample ID: MW-981-065, -041, -064, -020
Tetrachloroethylene was detected in sample ID: MW-981-065, -041
Trichloroethylene was detected in sample ID: MW-981-065, -041, -064, -020
Fluorotrichloromethane (Freon 11)was detected in sample ID: MW-981-064
Freon was detected in sample ID: MW-981-065
Chromium was detected in sample ID: MW-981-065
Perchlorate was detected in sample ID: MW-981-065, -041, -064, -020

TICs
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

Quality Environmental Analysis

Montgomery Watson Laboratories
, Los Angeles, CA 90051-3508
PHONE: 818-568-6400/FAX: 818-568-6324

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
Group#: 40550
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

The following samples were received from you on 02/11/98. 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
980211125	MW-981-117			Water			02/11/98
		@EBASVOA					
980211126	MW-981-118			Water			02/11/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	CR-VI	
		CLO4					
980211127	MW-981-200			Water			02/11/98
		@EBASVOA	CLO4	CR-VI	CR-MS	PB-MS	
		AS-GF					
980211128	MW-981-065			Water			02/11/98
		@EBASVOA	AS-GF	PB-MS	CR-MS	CR-VI	
		CLO4	TDS	CATION	ANION1	PH	EC
		HCO3	CO3	ALK	NO3	SO4	CL
		FE-MS	K-FL	NA-FL	MG-FL	CA-FL	
980211129	MW-981-041			Water			02/11/98
		@EBASVOA	CA-FL	MG-FL	NA-FL	K-FL	
		FE-MS	CL	SO4	NO3	ALK	CO3
		HCO3	EC	PH	ANION1	CATION	TDS
		CLO4	CR-VI	CR-MS	PB-MS	AS-GF	
980211130	MW-981-064			Water			02/11/98
		@EBASVOA	CA-FL	MG-FL	NA-FL	K-FL	
		FE-MS	CL	SO4	NO3	ALK	CO3
		HCO3	EC	PH	ANION1	CATION	TDS
		CLO4	CR-VI	CR-MS	PB-MS	AS-GF	
980211131	MW-981-020			Water			02/11/98
		@EBASVOA	CA-FL	MG-FL	NA-FL	K-FL	
		FE-MS	CL	SO4	NO3	ALK	CO3
		HCO3	EC	PH	ANION1	CATION	TDS
		CLO4	CR-VI	CR-MS	PB-MS	AS-GF	
980211132	MW-981-065 MS			Water			02/11/98
		AS-GF	PB-MS	CR-MS			

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

Customer Code: ENSERCH
PO#: Sub PO#007618
Group#: 40550
Project#: JPL
Proj Mgr: Debbie Frank
Phone: (714) 444-5526

Sample#	Sample Id	Tests Scheduled	Matrix	Sample Date
980211133	MW-981-065 MSD	CR-MS PB-MS AS-GF	Water	02/11/98
980211134	MW-981-065 MS	@EBASVOA	Water	02/11/98
980211135	MW-981-065 MSD	@EBASVOA	Water	02/11/98

Test Acronym Description

Test Acronym	Description
@EBASVOA	Regulated VOCs plus Lists 1&3
ALK	Alkalinity
ANION1	Anion Sum
AS-GF	Arsenic, Total, GF
CA-FL	Calcium, Flame AA
CATION	Cation Sum
CL	Chloride
CLO4	Perchlorate
CO3	Carbonate as CO3, Calculated
CR-MS	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-FL	Potassium, Flame AA
MG-FL	Magnesium, Flame AA
NA-FL	Sodium, Flame AA
NO3	Nitrate-N by IC
PB-MS	Lead, Total, ICAP/MS
PH	Lab pH
SO4	Sulfate
TDS	Total Dissolved Solid (TDS)

ICE FROZEN
40550 Temp 10-16

NO 0755

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL
OFS No. 1572 C23
Project Address: 4800 OAK GROVE DR. PASADENA CA
Sampler (Name): J. BRENNAN
Sampler: (Signature): J. B
Laboratory: MONTGOMERY WATSON LABS
Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (SW)	TPH/AC.D.	PCB/Pesticides	HEX C	Pesticides	VOCs (MS)	VOCs (MSD)	TPH AC.D. (MS/MSD)		
MW.95.117	0800	2/11/95	2	2x40ml	X			X				48	0211	125			
MW.95.118	1430		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X		26			
MW.95.200	0815		5	↓	X			X	X		X	X		27			
MW.95.065	0855		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X		28	X	32 MS 33	
MW.95.041	1045		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X		29			
MW.95.064	1155		6	↓	X			X	X	X	X	X		30			
MW.95.010	1440		6	↓	X			X	X	X	X	X		31			
MW.95.065MS	0855		2	2x40ml	✓								X	34			
MW.95.065MSD	0855		2	2x40ml	X									X	35		

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV QA/QC

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
J. B	2/11/95	[illegible]			
Company: FW	Time: 1630	Company: MW	Company:	Time:	Company:

F-2

MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH Date Received: 2/11/98

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: 2/11/98

by (print)_____(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: _____
   If Yes, enter the following: seal date: _____, seal name: _____
3. Were custody seals unbroken & intact at delivery? Yes No
   FOR ALL BOTTLES
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) 2/11/98

B. LOG-IN PHASE: Date samples were logged-in: 2/11/98 by:
(print) W. TAM (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

MONTGOMERY WATSON LABORATORIES

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

Laboratory Report

for

Foster Wheeler Environmental, Inc
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

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

MONTGOMERY WATSON LABS.
SUBMITTED ON

MAR 01 1995

DEB* Debbie Frank

Report#: 40550
JPL

MONTGOMERY WATSON LABORATORIES

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

Laboratory
Report
#40550

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

Samples Received
11-feb-1998 17:06:49

MW-981-117 (980211125) Sampled on 02/11/98

Regulated VOCs plus Lists 1&3

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1

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Laboratory
Report
#40550

Foster Wheeler Environmental, Inc
(continued)

Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	109	% Rec		
			(Surrogate)	Toluene-d8	106	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-118 (980211126) Sampled on 02/11/98								
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/17/98	73248	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	02/17/98	73247	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/17/98	73247	(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		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	Toluene-d8	102	% Rec		
MW-981-200 (980211127) Sampled on 02/11/98								
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/12/98	72914	(MOD/EPA 300)	Perchlorate	ND	ug/l	4.0	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	97	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
			(Surrogate)	4-Bromofluorobenzene	104	% Rec		
			(Surrogate)	Toluene-d8	107	% Rec		
MW-981-065 (980211128) Sampled on 02/11/98								
	02/24/98	73618	(ML/S2320B)	Alkalinity	130	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	4.43	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	36	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.10	meq/l	0.0010	1
	02/13/98	73119	(ML/EPA 300)	Chloride	20	mg/l	2.0	2
	02/17/98	73248	(MOD/EPA 300)	Perchlorate	720	ug/l	40	10
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.515	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	12	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	475	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	158	mg/l	0.0010	1
	02/20/98	73385	(ML/S3111B)	Potassium, Flame AA	2.8	mg/l	1.0	1
	02/20/98	73391	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1
	02/20/98	73388	(ML/S3111B)	Sodium, Flame AA	19	mg/l	1.0	1
	02/13/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	6.0	mg/l	0.20	2
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.7	Units	0.0010	1
	02/13/98	73122	(ML/EPA 300.0)	Sulfate	40	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	260	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	2.1	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	0.8	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/17/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	150	ug/l	5.0	10
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	13	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	3.7	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	24	ug/l	5.0	10
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	6.4	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Vinyl chloride (VC)	ND	ug/l	0.30	1
			(EPA 524.2)	None detected	ND			1
			(Surrogate)	1,2-Dichloroethane-d4	112	% Rec		
			(Surrogate)	4-Bromofluorobenzene	92	% Rec		
			(Surrogate)	Toluene-d8	113	% Rec		

MW-981-041 (980211129) Sampled on 02/11/98

	02/24/98	73618	(ML/S2320B)	Alkalinity	130	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	4.63	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	39	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.37	meq/l	0.0010	1
	02/13/98	73119	(ML/EPA 300)	Chloride	39	mg/l	2.0	2
	02/17/98	73248	(MOD/EPA 300)	Perchlorate	1230	ug/l	80	20
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.258	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	485	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	158	mg/l	0.0010	1
	02/20/98	73385	(ML/S3111B)	Potassium, Flame AA	2.5	mg/l	1.0	1
	02/20/98	73391	(ML/S3111B)	Magnesium, Flame AA	17	mg/l	1.0	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/20/98	73388	(ML/S3111B)	Sodium, Flame AA	22	mg/l	1.0	1
	02/13/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	4.8	mg/l	0.20	2
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.4	Units	0.0010	1
	02/13/98	73122	(ML/EPA 300.0)	Sulfate	28	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	270	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	1.3	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/17/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	30	ug/l	1.0	2
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	14	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	1.0	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.5	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	102	% Rec		
			(Surrogate)	Toluene-d8	105	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-064 (980211130) Sampled on 02/11/98								
	02/24/98	73618	(ML/S2320B)	Alkalinity	150	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	4.40	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	42	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	4.27	meq/l	0.0010	1
	02/13/98	73119	(ML/EPA 300)	Chloride	15	mg/l	1.0	1
	02/12/98	72914	(MOD/EPA 300)	Perchlorate	11	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.188	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	445	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	ND	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	183	mg/l	0.0010	1
	02/20/98	73385	(ML/S3111B)	Potassium, Flame AA	2.8	mg/l	1.0	1
	02/20/98	73391	(ML/S3111B)	Magnesium, Flame AA	16	mg/l	1.0	1
	02/20/98	73388	(ML/S3111B)	Sodium, Flame AA	18	mg/l	1.0	1
	02/13/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	2.3	mg/l	0.10	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	7.2	Units	0.0010	1
	02/13/98	73122	(ML/EPA 300.0)	Sulfate	39	mg/l	2.0	1
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	260	mg/l	10	1
Regulated VOCs plus Lists 1&3								
	02/16/98	73246	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/16/98	73246	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Carbon Tetrachloride	1.8	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroform (Trichloromethane)	0.8	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	0.8	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(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
	02/16/98	73246	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichloroethylene (TCE)	1.3	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/16/98	73246	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/16/98	73246	(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	104	% Rec		

MW-981-020 (980211131) Sampled on 02/11/98

	02/24/98	73618	(ML/S2320B)	Alkalinity	155	mg/l	2.0	1
	02/26/98		(ML/SM1040)	Anion Sum	7.31	meq/l	0.0010	1
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	ND	mg/l	0.005	1
	02/20/98	73394	(ML/S3111B)	Calcium, Flame AA	65	mg/l	1.0	1
	02/21/98		(ML/SM1040)	Cation Sum	7.16	meq/l	0.0010	1
	02/13/98	73119	(ML/EPA 300)	Chloride	77	mg/l	2.0	2
	02/12/98	72914	(MOD/EPA 300)	Perchlorate	14	ug/l	4.0	1
	02/26/98		(ML/S2320-B)	Carbonate as CO3, Calculated	0.098	mg/l	0.0010	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	ND	ug/l	10	1
	02/11/98	72805	(ML/SW 7196)	Hexavalent chromium (Cr VI)	ND	mg/l	0.005	1
	02/13/98		(ML/S2510B)	Specific Conductance	850	umho/cm	4.0	1
02/17/98	02/17/98	73259	(EPA/ML 200.8)	Iron, Total, ICAP/MS	240	ug/l	100	1
	02/26/98		(ML/S2320B)	Bicarbonate as HCO3,calculated	189	mg/l	0.0010	1
	02/20/98	73385	(ML/S3111B)	Potassium, Flame AA	2.3	mg/l	1.0	1
	02/20/98	73391	(ML/S3111B)	Magnesium, Flame AA	31	mg/l	1.0	1
	02/20/98	73388	(ML/S3111B)	Sodium, Flame AA	30	mg/l	1.0	1
	02/13/98	73121	(ML/EPA 300.0)	Nitrate-N by IC	ND	mg/l	0.20	2

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	ND	ug/l	2.0	1
	02/17/98		(ML/SM 4500H)	Lab pH	6.9	Units	0.0010	1
	02/13/98	73122	(ML/EPA 300.0)	Sulfate	98	mg/l	4.0	2
	02/16/98	73173	(ML/S2540C)	Total Dissolved Solid (TDS)	530	mg/l	10	1
			Regulated VOCs plus Lists 1&3					
	02/17/98	73247	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,1-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1,2-Trichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	1,3-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2,2-Dichloropropane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	2-Butanone (MEK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	o-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Chlorotoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	ND	ug/l	5.0	1
	02/17/98	73247	(ML/EPA 524.2)	Benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorobenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Carbon Tetrachloride	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	cis-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromoform	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroform (Trichloromethane)	1.8	ug/l	0.50	1

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	Bromochloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloroethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Chlorodibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dibromomethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Bromodichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichloromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Ethyl benzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Dichlorodifluoromethane	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Hexachlorobutadiene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Isopropylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	m,p-Xylenes	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Naphthalene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	n-Propylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Xylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	p-Isopropyltoluene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	sec-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Styrene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	tert-Butylbenzene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichloroethylene (TCE)	16	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	trans-1,3-Dichloropropene	ND	ug/l	0.50	1
	02/17/98	73247	(ML/EPA 524.2)	Toluene	ND	ug/l	0.50	1
	02/17/98	73247	(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	94	% Rec		
			(Surrogate)	Toluene-d8	98	% Rec		

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
MW-981-065 MS (980211132) Sampled on 02/11/98								
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	0.0206	mg/l	0.005	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	97.9	ug/l	10	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	20.4	ug/l	2.0	1
MW-981-065 MSD (980211133) Sampled on 02/11/98								
02/17/98	02/19/98	73461	(S3113B/E200.9)	Arsenic, Total, GF	0.0232	mg/l	0.005	1
02/17/98	02/17/98	73254	(EPA/ML 200.8)	Chromium, Total, ICAP/MS	97.9	ug/l	10	1
02/17/98	02/17/98	73264	(EPA/ML 200.8)	Lead, Total, ICAP/MS	21.2	ug/l	2.0	1
MW-981-065 MS (980211134) Sampled on 02/11/98								
				Regulated VOCs plus Lists 1&3				
	02/17/98	73247	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethylene	3.41	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	3.78	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	3.74	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	50	10
	02/17/98	73247	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Chlorotoluene	3.50	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	50	10
	02/17/98	73247	(ML/EPA 524.2)	Benzene	3.69	ug/l	5.0	10

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chlorobenzene	4.07	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromoform	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.18	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Naphthalene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	o-Xylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Styrene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Trichloroethylene (TCE)	4.67	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	5.0	10

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	Toluene	4.08	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	3.0	10
			(Surrogate)	1,2-Dichloroethane-d4	123	% Rec		
			(Surrogate)	4-Bromofluorobenzene	96	% Rec		
			(Surrogate)	Toluene-d8	107	% Rec		

MW-981-065 MSD (980211135) Sampled on 02/11/98

Regulated VOCs plus Lists 1&3

	02/17/98	73247	(ML/EPA 524.2)	1,1,1,2-Tetrachloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,1-Trichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,2,2-Tetrachloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1,2-Trichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloroethylene	3.46	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,1-Dichloropropene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichlorobenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,3-Trichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trichlorobenzene	3.57	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2,4-Trimethylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,2-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,3,5-Trimethylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	1,3-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Dichlorobenzene (1,4-DCB)	3.75	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	2,2-Dichloropropane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	2-Butanone (MEK)	NA	ug/l	50	10
	02/17/98	73247	(ML/EPA 524.2)	o-Chlorotoluene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Chlorotoluene	3.56	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	4-Methyl-2-Pentanone (MIBK)	NA	ug/l	50	10
	02/17/98	73247	(ML/EPA 524.2)	Benzene	3.54	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromobenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromomethane (Methyl Bromide)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	cis-1,2-Dichloroethylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chlorobenzene	4.04	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Carbon Tetrachloride	NA	ug/l	5.0	10

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Prepared	Analyzed	QC Batch#	Method	Analyte	Result	Units	MDL	Dilution
	02/17/98	73247	(ML/EPA 524.2)	cis-1,3-Dichloropropene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromoform	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloroform (Trichloromethane)	4.01	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromochloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloroethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chloromethane(Methyl Chloride)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Chlorodibromomethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dibromomethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Bromodichloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dichloromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Ethyl benzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Dichlorodifluoromethane	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Fluorotrichloromethane-Freon11	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Hexachlorobutadiene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Isopropylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	m-Dichlorobenzene (1,3-DCB)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	m,p-Xylenes	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Naphthalene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	n-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	n-Propylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	o-Xylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	o-Dichlorobenzene (1,2-DCB)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Tetrachloroethylene (PCE)	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	p-Isopropyltoluene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	sec-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Styrene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	trans-1,2-Dichloroethylene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	tert-Butylbenzene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Trichloroethylene (TCE)	3.85	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Trichlorotrifluoroethane(Freon	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	trans-1,3-Dichloropropene	NA	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Toluene	3.85	ug/l	5.0	10
	02/17/98	73247	(ML/EPA 524.2)	Vinyl chloride (VC)	NA	ug/l	3.0	10
			(Surrogate)	1,2-Dichloroethane-d4	114	% Rec		
			(Surrogate)	4-Bromofluorobenzene	94	% Rec		
			(Surrogate)	Toluene-d8	99	% Rec		

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Report
Comments
#40550

Group Comments

(Metals),matrix spike and matrix duplicate spike was performed on sample#980211128.GG 02/24/98

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Laboratory
QC Report
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Foster Wheeler Environmental, Inc

QC Batch #72805 Hexavalent chromium (Cr VI)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Hexavalent chromium (Cr VI)	0.050	0.0505	101.0	(78.00 - 118.00)	
LCS2	Hexavalent chromium (Cr VI)	0.050	0.0497	99.4	(78.00 - 118.00)	1.6
MBLK	Hexavalent chromium (Cr VI)	ND				
MS	Hexavalent chromium (Cr VI)	0.050	0.0513	102.6	(80.00 - 120.00)	
MSD	Hexavalent chromium (Cr VI)	0.050	0.0505	101.0	(80.00 - 120.00)	1.6

QC Batch #72914 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	18.7	93.5	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	19.0	95.0	(90.00 - 110.00)	1.6
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	17.7	88.5	(75.00 - 125.00)	
MSD	Perchlorate	20.0	19.2	96.0	(75.00 - 125.00)	8.1

QC Batch #73119 Chloride

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chloride	25	25	100.0	(90.00 - 110.00)	
LCS2	Chloride	25	25	100.0	(90.00 - 110.00)	0.00
MBLK	Chloride	ND				
MS	Chloride	25	26	104.0	(80.00 - 120.00)	
MSD	Chloride	25	26	104.0	(80.00 - 120.00)	0.00

QC Batch #73121 Nitrate-N by IC

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	
LCS2	Nitrate-N by IC	2.5	2.5	100.0	(90.00 - 110.00)	0.00
MBLK	Nitrate-N by IC	ND				
MS	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	
MSD	Nitrate-N by IC	2.5	2.6	104.0	(80.00 - 120.00)	0.00

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73122 Sulfate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sulfate	50	50	100.0	(90.00 - 110.00)	
LCS2	Sulfate	50	50	100.0	(90.00 - 110.00)	0.00
MBLK	Sulfate	ND				
MS	Sulfate	50	53	106.0	(80.00 - 120.00)	
MSD	Sulfate	50	53	106.0	(80.00 - 120.00)	0.00

QC Batch #73173 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Total Dissolved Solid (TDS)	175	170	97.1	(85.00 - 115.00)	
LCS2	Total Dissolved Solid (TDS)	700	670	95.7	(85.00 - 115.00)	
MBLK	Total Dissolved Solid (TDS)	ND				

QC Batch #73246 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.46	86.5	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	3.44	86.0	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	3.61	90.2	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	3.80	95.0	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.47	86.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				

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

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(continued)

LCS1	1,2,4-Trichlorobenzene	4	3.71	92.8	(70.00 - 130.00)
MBLK	1,2,4-Trichlorobenzene	ND			
MBLK	1,2,4-Trimethylbenzene	ND			
LCS1	1,2-Dichloroethane	4	3.23	80.8	(70.00 - 130.00)
MBLK	1,2-Dichloroethane	ND			
LCS1	1,2-Dichloropropane	4	3.49	87.2	(70.00 - 130.00)
MBLK	1,2-Dichloropropane	ND			
MBLK	1,3,5-Trimethylbenzene	ND			
LCS1	1,3-Dichloropropane	8	6.81	85.1	(70.00 - 130.00)
MBLK	1,3-Dichloropropane	ND			
MBLK	2,2-Dichloropropane	ND			
MBLK	2-Butanone (MEK)	ND			
MBLK	2-Chloroethylvinylether	ND			
MBLK	4-Methyl-2-Pentanone (MIBK)	ND			
LCS1	Benzene	4	3.34	83.5	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	3.86	96.5	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	3.69	92.2	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.80	95.0	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	3.82	95.5	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	3.64	91.0	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	3.91	97.8	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.13	78.2	(70.00 - 130.00)
MBLK	Dichloromethane	ND			

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

LCS1	Ethyl benzene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.64	82.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	3.99	99.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.76	94.0	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.90	97.5	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.64	91.0	(70.00 - 130.00)
MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.74	118.5	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.46	73.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	4.02	100.5	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.34	104.2	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.07	101.8	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.14	103.5	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.16	104.0	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			

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

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Foster Wheeler Environmental, Inc
(continued)

MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	2.90	72.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73247 Regulated VOCs plus Lists 1&3

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
MBLK	1,1,1,2-Tetrachloroethane	ND				
LCS1	1,1,1-Trichloroethane	4	3.81	95.2	(70.00 - 130.00)	
MBLK	1,1,1-Trichloroethane	ND				
LCS1	1,1,2,2-Tetrachloroethane	4	4.54	113.5	(70.00 - 130.00)	
MBLK	1,1,2,2-Tetrachloroethane	ND				
LCS1	1,1,2-Trichloroethane	4	4.64	116.0	(70.00 - 130.00)	
MBLK	1,1,2-Trichloroethane	ND				
LCS1	1,1-Dichloroethane	4	4.15	103.8	(70.00 - 130.00)	
MBLK	1,1-Dichloroethane	ND				
LCS1	1,1-Dichloroethylene	4	3.30	82.5	(70.00 - 130.00)	
MBLK	1,1-Dichloroethylene	ND				
MBLK	1,1-Dichloropropene	ND				
MBLK	1,2,3-Trichlorobenzene	ND				
MBLK	1,2,3-Trichloropropane	ND				
LCS1	1,2,4-Trichlorobenzene	4	4.06	101.5	(70.00 - 130.00)	
MBLK	1,2,4-Trichlorobenzene	ND				
MBLK	1,2,4-Trimethylbenzene	ND				
LCS1	1,2-Dichloroethane	4	4.35	108.7	(70.00 - 130.00)	
MBLK	1,2-Dichloroethane	ND				
LCS1	1,2-Dichloropropane	4	4.22	105.5	(70.00 - 130.00)	
MBLK	1,2-Dichloropropane	ND				
MBLK	1,3,5-Trimethylbenzene	ND				
LCS1	1,3-Dichloropropane	8	8.62	107.7	(70.00 - 130.00)	
MBLK	1,3-Dichloropropane	ND				
MBLK	2,2-Dichloropropane	ND				
MBLK	2-Butanone (MEK)	ND				
MBLK	2-Chloroethylvinylether	ND				
MBLK	4-Methyl-2-Pentanone (MIBK)	ND				

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

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Foster Wheeler Environmental, Inc
(continued)

LCS1	Benzene	4	3.61	90.2	(70.00 - 130.00)
MBLK	Benzene	ND			
MBLK	Bromobenzene	ND			
MBLK	Bromochloromethane	ND			
LCS1	Bromodichloromethane	4	4.39	109.7	(70.00 - 130.00)
MBLK	Bromodichloromethane	ND			
LCS1	Bromoform	4	4.79	119.8	(70.00 - 130.00)
MBLK	Bromoform	ND			
MBLK	Bromomethane (Methyl Bromide)	ND			
LCS1	Carbon Tetrachloride	4	3.74	93.5	(70.00 - 130.00)
MBLK	Carbon Tetrachloride	ND			
LCS1	Chlorobenzene	4	4.28	107.0	(70.00 - 130.00)
MBLK	Chlorobenzene	ND			
LCS1	Chlorodibromomethane	4	4.78	119.5	(70.00 - 130.00)
MBLK	Chlorodibromomethane	ND			
MBLK	Chloroethane	ND			
LCS1	Chloroform (Trichloromethane)	4	4.22	105.5	(70.00 - 130.00)
MBLK	Chloroform (Trichloromethane)	ND			
MBLK	Chloromethane(Methyl Chloride)	ND			
MBLK	Dibromomethane	ND			
MBLK	Dichlorodifluoromethane	ND			
LCS1	Dichloromethane	4	3.76	94.0	(70.00 - 130.00)
MBLK	Dichloromethane	ND			
LCS1	Ethyl benzene	4	3.96	99.0	(70.00 - 130.00)
MBLK	Ethyl benzene	ND			
LCS1	Fluorotrichloromethane-Freon11	2	1.70	85.0	(70.00 - 130.00)
MBLK	Fluorotrichloromethane-Freon11	ND			
MBLK	Hexachlorobutadiene	ND			
MBLK	Isopropylbenzene	ND			
MBLK	Naphthalene	ND			
LCS1	Styrene	4	4.03	100.8	(70.00 - 130.00)
MBLK	Styrene	ND			
LCS1	Tetrachloroethylene (PCE)	4	3.74	93.5	(70.00 - 130.00)
MBLK	Tetrachloroethylene (PCE)	ND			
LCS1	Toluene	4	3.83	95.8	(70.00 - 130.00)
MBLK	Toluene	ND			
LCS1	Trichloroethylene (TCE)	4	3.89	97.2	(70.00 - 130.00)

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Foster Wheeler Environmental, Inc
(continued)

MBLK	Trichloroethylene (TCE)	ND			
LCS1	Trichlorotrifluoroethane(Freon	4	4.73	118.3	(70.00 - 130.00)
MBLK	Trichlorotrifluoroethane(Freon	ND			
LCS1	Vinyl chloride (VC)	2	1.44	72.0	(70.00 - 130.00)
MBLK	Vinyl chloride (VC)	ND			
LCS1	cis-1,2-Dichloroethylene	4	3.99	99.8	(70.00 - 130.00)
MBLK	cis-1,2-Dichloroethylene	ND			
MBLK	cis-1,3-Dichloropropene	ND			
LCS1	m,p-Xylenes	8	8.54	106.7	(70.00 - 130.00)
MBLK	m,p-Xylenes	ND			
MBLK	m-Dichlorobenzene (1,3-DCB)	ND			
MBLK	n-Butylbenzene	ND			
MBLK	n-Propylbenzene	ND			
MBLK	o-Chlorotoluene	ND			
LCS1	o-Dichlorobenzene (1,2-DCB)	4	4.46	111.5	(70.00 - 130.00)
MBLK	o-Dichlorobenzene (1,2-DCB)	ND			
LCS1	o-Xylene	4	4.13	103.2	(70.00 - 130.00)
MBLK	o-Xylene	ND			
MBLK	p-Chlorotoluene	ND			
LCS1	p-Dichlorobenzene (1,4-DCB)	4	4.15	103.8	(70.00 - 130.00)
MBLK	p-Dichlorobenzene (1,4-DCB)	ND			
MBLK	p-Isopropyltoluene	ND			
MBLK	sec-Butylbenzene	ND			
MBLK	tert-Butylbenzene	ND			
LCS1	trans-1,2-Dichloroethylene	4	3.46	86.5	(70.00 - 130.00)
MBLK	trans-1,2-Dichloroethylene	ND			
MBLK	trans-1,3-Dichloropropene	ND			

QC Batch #73248 Perchlorate

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	20.0	20.8	104.0	(90.00 - 110.00)	
LCS2	Perchlorate	20.0	20.4	102.0	(90.00 - 110.00)	1.9
MBLK	Perchlorate	ND				
MS	Perchlorate	20.0	20.2	101.0	(75.00 - 125.00)	
MSD	Perchlorate	20.0	21.2	106.0	(75.00 - 125.00)	4.8

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73254 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Chromium, Total, ICAP/MS	100	86.5	86.5	(85.00 - 115.00)	
LCS2	Chromium, Total, ICAP/MS	100	99.9	99.9	(85.00 - 115.00)	14
MBLK	Chromium, Total, ICAP/MS	ND		0.0		
MS	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	
MSD	Chromium, Total, ICAP/MS	100	98	98.0	(70.00 - 130.00)	0.00

QC Batch #73259 Iron, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Iron, Total, ICAP/MS	500	440	88.0	(85.00 - 115.00)	
LCS2	Iron, Total, ICAP/MS	500	497	99.4	(85.00 - 115.00)	12
MBLK	Iron, Total, ICAP/MS	ND	78.7	0.0		
MS	Iron, Total, ICAP/MS	500	426.	85.2	(70.00 - 130.00)	
MSD	Iron, Total, ICAP/MS	500	424.	84.8	(70.00 - 130.00)	0.47

QC Batch #73264 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Lead, Total, ICAP/MS	20	17.4	87.0	(85.00 - 115.00)	
LCS2	Lead, Total, ICAP/MS	20	20.1	100.5	(85.00 - 115.00)	14
MBLK	Lead, Total, ICAP/MS	ND		0.0		
MS	Lead, Total, ICAP/MS	20	19.3	96.5	(70.00 - 130.00)	
MSD	Lead, Total, ICAP/MS	20	20	100.0	(70.00 - 130.00)	3.6

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73385 Potassium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Potassium, Flame AA	20	19.5	97.5	(80.00 - 120.00)	
LCS2	Potassium, Flame AA	20	20.2	101.0	(80.00 - 120.00)	3.5
MBLK	Potassium, Flame AA	ND				
MS	Potassium, Flame AA	20	20.8	104.0	(85.00 - 115.00)	
MSD	Potassium, Flame AA	20	20.7	103.5	(85.00 - 115.00)	0.48

QC Batch #73388 Sodium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Sodium, Flame AA	50	49.5	99.0	(90.00 - 110.00)	
LCS2	Sodium, Flame AA	50	48.5	97.0	(90.00 - 110.00)	2.0
MBLK	Sodium, Flame AA	ND				
MS	Sodium, Flame AA	50	50.5	101.0	(85.00 - 115.00)	
MSD	Sodium, Flame AA	50	50.4	100.8	(85.00 - 115.00)	0.20

QC Batch #73391 Magnesium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Magnesium, Flame AA	20	19.8	99.0	(90.00 - 110.00)	
LCS2	Magnesium, Flame AA	20	19.1	95.5	(90.00 - 110.00)	3.6
MBLK	Magnesium, Flame AA	ND				
MS	Magnesium, Flame AA	20	20.5	102.5	(85.00 - 115.00)	
MSD	Magnesium, Flame AA	20	20.4	102.0	(85.00 - 115.00)	0.49

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

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Foster Wheeler Environmental, Inc
(continued)

QC Batch #73394 Calcium, Flame AA

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Calcium, Flame AA	50	52.8	105.6	(90.00 - 110.00)	
LCS2	Calcium, Flame AA	50	53.1	106.2	(90.00 - 110.00)	0.57
MBLK	Calcium, Flame AA	ND				
MS	Calcium, Flame AA	50	52.9	105.8	(85.00 - 115.00)	
MSD	Calcium, Flame AA	50	51.2	102.4	(85.00 - 115.00)	3.3

QC Batch #73461 Arsenic, Total, GF

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Arsenic, Total, GF	0.020	0.0189	94.5	(85.00 - 115.00)	
LCS2	Arsenic, Total, GF	0.020	0.0222	111.0	(85.00 - 115.00)	16
MBLK	Arsenic, Total, GF	ND				
MS	Arsenic, Total, GF	0.020	0.0206	103.0	(85.00 - 115.00)	
MSD	Arsenic, Total, GF	0.020	0.0232	116.0	(85.00 - 115.00)	12

QC Batch #73618 Alkalinity

QC	Analyte	Spiked	Recovered	Yield (%)	Limits (%)	RPD (%)
LCS1	Alkalinity	96.2	96.1	99.9	(90.00 - 110.00)	
LCS2	Alkalinity	96.2	95.9	99.7	(90.00 - 110.00)	0.21
MBLK	Alkalinity	ND				
MS	Alkalinity	96.2	92.1	95.7	(80.00 - 120.00)	
MSD	Alkalinity	96.2	98.2	102.1	(80.00 - 120.00)	6.4

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

Report Summary of positive results, PR40550

			Result	MDL	UNITS
Analyzed	980211125	MW-981-117			
Analyzed	980211126	MW-981-118			
Analyzed	980211127	MW-981-200			
Analyzed	980211128	MW-981-065			
02/16/98	1,1-Dichloroethylene		2.1	.500	UGL
02/16/98	1,2-Dichloroethane		0.8	.500	UGL
02/17/98	Carbon Tetrachloride		150	5.000	UGL
02/16/98	Chloroform (Trichloromethane)		13	.500	UGL
02/16/98	Tetrachloroethylene (PCE)		3.7	.500	UGL
02/17/98	Trichloroethylene (TCE)		24	5.000	UGL
02/16/98	Trichlorotrifluoroethane(Freon		6.4	.500	UGL
02/24/98	Alkalinity		130	2.000	MGL
02/26/98	Anion Sum		4.43	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated		158	.001	MGL
02/20/98	Calcium, Flame AA		36	1.000	MGL
02/26/98	Carbonate as CO3, Calculated		0.515	.001	MGL
02/21/98	Cation Sum		4.10	.001	MEQL
02/13/98	Chloride		20	2.000	MGL
02/17/98	Chromium, Total, ICAP/MS		12	10.000	UGL
02/17/98	Lab pH		7.7	.001	UNIT
02/20/98	Magnesium, Flame AA		17	1.000	MGL
02/13/98	Nitrate-N by IC		6.0	.200	MGL
02/17/98	Perchlorate		720	40.000	UGL
02/20/98	Potassium, Flame AA		2.8	1.000	MGL
02/20/98	Sodium, Flame AA		19	1.000	MGL
02/13/98	Specific Conductance		475	4.000	UMHO
02/13/98	Sulfate		40	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)		260	10.000	MGL
Analyzed	980211129	MW-981-041			
02/16/98	1,1-Dichloroethylene		1.3	.500	UGL
02/17/98	Carbon Tetrachloride		30	1.000	UGL
02/16/98	Chloroform (Trichloromethane)		14	.500	UGL
02/16/98	Tetrachloroethylene (PCE)		1.0	.500	UGL
02/16/98	Trichloroethylene (TCE)		3.5	.500	UGL
02/24/98	Alkalinity		130	2.000	MGL
02/26/98	Anion Sum		4.63	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated		158	.001	MGL
02/20/98	Calcium, Flame AA		39	1.000	MGL
02/26/98	Carbonate as CO3, Calculated		0.258	.001	MGL
02/21/98	Cation Sum		4.37	.001	MEQL
02/13/98	Chloride		39	2.000	MGL
02/17/98	Lab pH		7.4	.001	UNIT
02/20/98	Magnesium, Flame AA		17	1.000	MGL
02/13/98	Nitrate-N by IC		4.8	.200	MGL
02/17/98	Perchlorate		1230	80.000	UGL
02/20/98	Potassium, Flame AA		2.5	1.000	MGL
02/20/98	Sodium, Flame AA		22	1.000	MGL

02/13/98	Specific Conductance	485	4.000	UMHO
02/13/98	Sulfate	28	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)	270	10.000	MGL

Analyzed 980211130 MW-981-064

02/16/98	Carbon Tetrachloride	1.8	.500	UGL
02/16/98	Chloroform (Trichloromethane)	0.8	.500	UGL
02/16/98	Fluorotrichloromethane-Freon11	0.8	.500	UGL
02/16/98	Trichloroethylene (TCE)	1.3	.500	UGL
02/24/98	Alkalinity	150	2.000	MGL
02/26/98	Anion Sum	4.40	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	183	.001	MGL
02/20/98	Calcium, Flame AA	42	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.188	.001	MGL
02/21/98	Cation Sum	4.27	.001	MEQL
02/13/98	Chloride	15	1.000	MGL
02/17/98	Lab pH	7.2	.001	UNIT
02/20/98	Magnesium, Flame AA	16	1.000	MGL
02/13/98	Nitrate-N by IC	2.3	.100	MGL
02/12/98	Perchlorate	11	4.000	UGL
02/20/98	Potassium, Flame AA	2.8	1.000	MGL
02/20/98	Sodium, Flame AA	18	1.000	MGL
02/13/98	Specific Conductance	445	4.000	UMHO
02/13/98	Sulfate	39	2.000	MGL
02/16/98	Total Dissolved Solid (TDS)	260	10.000	MGL

Analyzed 980211131 MW-981-020

02/17/98	Chloroform (Trichloromethane)	1.8	.500	UGL
02/17/98	Trichloroethylene (TCE)	16	.500	UGL
02/24/98	Alkalinity	155	2.000	MGL
02/26/98	Anion Sum	7.31	.001	MEQL
02/26/98	Bicarbonate as HCO3,calculated	189	.001	MGL
02/20/98	Calcium, Flame AA	65	1.000	MGL
02/26/98	Carbonate as CO3, Calculated	0.098	.001	MGL
02/21/98	Cation Sum	7.16	.001	MEQL
02/13/98	Chloride	77	2.000	MGL
02/17/98	Iron, Total, ICAP/MS	240	******	UGL
02/17/98	Lab pH	6.9	.001	UNIT
02/20/98	Magnesium, Flame AA	31	1.000	MGL
02/12/98	Perchlorate	14	4.000	UGL
02/20/98	Potassium, Flame AA	2.3	1.000	MGL
02/20/98	Sodium, Flame AA	30	1.000	MGL
02/13/98	Specific Conductance	850	4.000	UMHO
02/13/98	Sulfate	98	4.000	MGL
02/16/98	Total Dissolved Solid (TDS)	530	10.000	MGL

Analyzed 980211132 MW-981-065 MS

02/19/98	Arsenic, Total, GF	0.0206	.005	MGL
02/17/98	Chromium, Total, ICAP/MS	97.9	10.000	UGL
02/17/98	Lead, Total, ICAP/MS	20.4	2.000	UGL

Analyzed 980211133 MW-981-065 MSD

02/19/98	Arsenic, Total, GF	0.0232	.005	MGL
02/17/98	Chromium, Total, ICAP/MS	97.9	10.000	UGL
02/17/98	Lead, Total, ICAP/MS	21.2	2.000	UGL

Analyzed	980211134	MW-981-065 MS		
02/17/98	1,1-Dichloroethylene	3.41	5.000	UGL
02/17/98	1,2,4-Trichlorobenzene	3.78	5.000	UGL
02/17/98	Benzene	3.69	5.000	UGL
02/17/98	Chlorobenzene	4.07	5.000	UGL
02/17/98	Chloroform (Trichloromethane)	4.18	5.000	UGL
02/17/98	Toluene	4.08	5.000	UGL
02/17/98	Trichloroethylene (TCE)	4.67	5.000	UGL
02/17/98	p-Chlorotoluene	3.50	5.000	UGL
02/17/98	p-Dichlorobenzene (1,4-DCB)	3.74	5.000	UGL

Analyzed	980211135	MW-981-065 MSD		
02/17/98	1,1-Dichloroethylene	3.46	5.000	UGL
02/17/98	1,2,4-Trichlorobenzene	3.57	5.000	UGL
02/17/98	Benzene	3.54	5.000	UGL
02/17/98	Chlorobenzene	4.04	5.000	UGL
02/17/98	Chloroform (Trichloromethane)	4.01	5.000	UGL
02/17/98	Toluene	3.85	5.000	UGL
02/17/98	Trichloroethylene (TCE)	3.85	5.000	UGL
02/17/98	p-Chlorotoluene	3.56	5.000	UGL
02/17/98	p-Dichlorobenzene (1,4-DCB)	3.75	5.000	UGL

FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0021

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR. PASADENA, CA

Sampler (Name): J. BRENNER

Sampler: (Signature): J.B.

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MR. MARK CUTLER

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

Time Required: NORMAL ☒ 14 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	MAJOR ANIONS	HEX. Cr.	PERCHLORATE	MS VOCs	MSD VOCs				LOCATION	DEPTH	QC CODE
MW-981-080	1100	1/14/98	2	2x40ml	X			X										TRIP BLANK	1/14/98	
MW-981-021	1350		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK	1/14/98	
MW-981-031	1225		6	2x40ml 1x250ml 1x125ml 1x500ml	X			X	X	X	X	X						MW-18, SCREEN		5
MW-981-031MS	1225		3	2x40ml 1x250ml	X				X				X					MW-18-S	MS	
MW-981-031MSD	1225		3	2x40ml 1x250ml	X				X					X				MW-18-S	MSD	
MW-981-032	1430		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-18, SCREEN		4
MW-981-033	1550	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-18, SCREEN		3

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.	1/14/98	[illegible]		1/14/98	
Company: FWEC	Time: 1700	Company: MW	Company:	Time: 17:50	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0022

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

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

Sampler (Name): J. BRENNER

Sampler: (Signature): J. B

Laboratory: MONTGOMERY LABS.

Reports to Be Sent to: MR. MARK CUTLER

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

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

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS, TDS	Hex. Cr	PERCHLORATE					LOCATION	DEPTH	QC CODE
MW 981-082	0830	1/15/98	2	2x40ml	X			X									TRIP BLANK		1/15/98
MW 981-083	0905		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					EQUIP BLANK		1/15/98
MW 981-084	1000		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X		QC	SAMPLE		MW-18	SCREEN 2	
MW 981-085	1510		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					MW-17	SCREEN 2	

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV GC/GC

SAMPLING COMMENTS:

ALL SAMPLES DELIVERED 1/15/98 AT 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
J. B	1/15/98	[illegible]		1/15/98	
Company: FWENC	Time: 1700	Company: MW	Company:	Time: 17:00	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0023

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0233

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

Sampler (Name): J. BLENNEL

Sampler: (Signature): JB

Laboratory: MONTGOMERY WATSON LAB.

Reports to Be Sent to: MR. MARK COTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL & TOXIC	MAJOR ANIONS	HEX. CR.	PERCHLORATE	VOCs (MS)	VOCs (MSD)			
MW-981-024	0820	1/16/98	2	2x40ml	X			X									
MW-981-025	0830		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW 981-037	0925		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-038	1040		6	↓	X			X	X	X	X	X					
MW-981-038MS	1040		2	2x40ml	X								X				
MW-981-038MSD	1040		2	2x40ml	X									X			
MW-981-040	1150		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	[illegible]	JB			
MW-981-036*	1335	↓	8*	2x40ml 3x250ml 2x125ml 1x500ml	X			X	X	X	X	X	[illegible]	JB			

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

LOCATION	DEPTH	QC CODE
TRIP BLANK	1/16/98	
EQ. BLANK	1/16/98	
MW-17, SCREEN		4
MW-17, SCREEN		3
MW-17, SCREEN 3		MS (VOCs)
MW-17, SCREEN 3		MSD (VOCs)
MW-17, SCREEN		1
MW-17, SCREEN		5

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV QA/QC

* EXTRA BOTTLES FOR MS/MSD FOR METALS

SAMPLING COMMENTS:

ALL SAMPLES DELIVERED TO LAB AT 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	1545	[signature]			
Company: FWENC	Time: 01/16/98	Company: MW	Company:	Time:	Company:

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№ 0026

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.

Project Address: 4800 OAK GROVE BLVD. PASADENA, CA

Sampler (Name): J. BRENNER

Sampler: (Signature): J. Brenner

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard [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	SAMPLE MATERIAL: SOIL	SAMPLE MATERIAL: OTHER (Describe)	Perchlorate	LOCATION	DEPTH	QC CODE
150 1A	1400	1/19/98	1	500 ml	X			X	WELL 150 FOR EAO		

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

LABORATORY INSTRUCTIONS/COMMENTS: Level IV QA/QC

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

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
J. Brenner	1/20/98	[illegible]			
Company: FWENC	Time: 15:00	Company: MW	Company:	Time:	Company:

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№ 0029

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572

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

Sampler (Name): THOMAS BLANEY

Sampler: (Signature):

Laboratory: Montgomery LABS

Reports to Be Sent to: MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	Metals (6010/7000)	Anions	Cr+6	Perchlorate	MS for VOCs	MSD for VOCs			
MW-981-026	0900	1/21/98	6	2x40, 1x250 1x500, 2x125	X			X	X	X	X	X					
MW-981-026 MS	0900	↓	2	2x40	X								X				
MW-981-026 MSD	0900	↓	2	2x40	X									X			
MW-981-088	0745	↓	2	2x40	X			X									
MW-981-089	0805	↓	5	2x40, 1x250 2x125	X			X	X		X	X					
MW-981-027	1015	↓	6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					
MW-981-028*	1120	↓	6	2x40 2x500 2x125	X			X	X	X	X	X					
MW-981-029	1225	↓	6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					
MW-981-030	1325	↓	6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					

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

LOCATION	DEPTH	QC CODE
MW-19	Screen	#5
Matrix Spike @ MW-19-5		
Matrix Spike Dup @ MW-19-5		
TRIP BLANK 1/21/98		
EQ. BLANK 1/21/98		
MW-19	Screen	#4
MW-19	Screen	#3
MW-19	Screen	#2
MW-19	Screen	#1

LABORATORY INSTRUCTIONS/COMMENTS:

* USE LARGER METALS Bottle for MS/MSD for metals.

Level IV QA/QC

SAMPLING COMMENTS:

Samples sent to LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FWEnc	Time: 151[illegible]	Company:	Company:	Time:	Company:

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0030

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572

Project Address: 4800 Oak Grove Blvd Pasadena, CA.

Sampler (Name): Thomas Blaney

Sampler: (Signature): [signature]

Laboratory: Montgomery Labs

Reports to Be Sent to: Mark Cutler

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOC's (524.2)	Metals (6010/7000)	Anions	Cr+6	Perchlorate	MS for VOCs	MSD for VOCs			
MW-981-090	0804	1/22/98	2	40ml	X			X									
MW-981-091	0812	↓	5	2x40 1x250 2x125	X			X	X		X	X					
MW-981-016	1020		6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					
MW-981-017	1120		6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					
MW-981-018	1215		6	2x40 1x250 2x125 1x500	X			X	X	X	X	X					
MW-981-019	1310		6	2x40 1x250 1x500 2x125	X			X	X	X	X	X					
MW-981-019MS	1310		2	40ml	X								X				
MW-981-019MSD	1310	↓	2	40ml	X									X			

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

LOCATION	DEPTH	QC CODE
Trip Blank	1/22/98	
EG Blank	1/22/98	
MW-21	Screen	#5
MW-21	Screen	#4
MW-21	Screen	#3
MW-21	Screen	#2
Matrix Spike @ MW-21-2		
Matrix Spike Drop @ MW-21-2		

LABORATORY INSTRUCTIONS/COMMENTS:

Level IV QA/QC

SAMPLING COMMENTS:

Samples Received @ LAB @ 3°C.

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	1/22/98	[signature]			
Company: FWenc	Time: 1507	Company: MW	Company:	Time:	Company:

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№ 0032

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0235

Project Address: 4800 OAK GROVE DR, PASADENA CA

Sampler (Name): J. BRENNER

Sampler: (Signature): J. B

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs 5242	TOTAL As, Cr, Pb	MASS ANIONS	HEX. Cr.	PERCHLORATE	TOTAL MS/MSD As Cr Pb				
MW-981-092	0805	1/23/98	2	2x40ml	X			X									
MW-981-093	0845		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-981-043	100		6	2x40ml 2x500ml 2x125ml	X			X		X	X	X	X				
MW-981-044	1120		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-045	1220				X			X	X	X	X	X					
MW-981-046	1330				X			X	X	X	X	X					
MW-981-047	1440				X			X	X	X	X	X					

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

LOCATION	DEPTH	QC CODE
TRIP BLANK		1/23/98
EQUIP. BLANK		1/23/98
MW-14	SCREEN	#5
MW-14	SCREEN	#4
MW-14	SCREEN	#3
MW-14	SCREEN	#2
MW-14	SCREEN	#1

LABORATORY INSTRUCTIONS/COMMENTS:

LEVEL IV QA/QC

SAMPLING COMMENTS:

ALL SAMPLES TRAVELED TO LAB AT 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
J. B	1/23/98				
Company: FWENC	Time: 1600	Company: M.W.	Company:	Time:	Company:

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№ 0036

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572 0233

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. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE	VOCs (MS)	VOCs (MSD)	[illegible]			LOCATION	DEPTH	QC CODE
MW 981-094	0700	1/26/98	2	2x40ml	X			X										TRIP BLANK 1/26/98		
MW 981-095	1100	↓	5	2x40ml 1x500ml 2x125ml	X			X	X		X	X						EQUIP. BLANK 1/26/98		
MW 981-098	0910		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						MW-13	(DUPLICATE)	
MW 981-099	0905		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-13		
MW 981-099MS	0905		2	2x40ml	X								X					MW-13	VOCs (MS)	
MW 981-099MSD	0905		2	2x40ml	X									X				MW-13	VOCs (MSD)	
MW 981-074	1145		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-3	SCREEN	#5
MW 981-075	1315	↓	6	↓	X			X	X	X	X	X						MW-3	SCREEN	#4

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)
[signature]	1/26/98	[signature]			
Company: FWENC	Time: 1556	Company: M. DEMESA	Company:	Time:	Company:

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№ 0038

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572 0233

Project Address: 4800 OAK GROVE DR. PASADENA, CA

Sampler (Name): J. BIRENNER

Sampler: (Signature): J. B

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (S2+2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr.	PERCHLORATE	VOCs (MS)	VOCs (MSD)	TOTAL As, Cr, Pb (MS/MSD)			LOCATION	DEPTH	QC CODE
MW-981-076	0810	1/27/98	2	2x40ml	X			X										TRIP BLANK	1/27/98	
MW-981-077	0815		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X			QC SAMPLE			EQUIP. BLANK	1/27/98	
MW-981-076	0840		6	2x40ml 2x500ml 2x125ml	X			X		X	X	X			X			MW-3, SCREEN #3	(MS/MSD METALS)	
MW-981-077	0945		6	2x40ml 1x125ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-3, SCREEN #2		
MW-981-078	1045		6		X			X	X	X	X	X						MW-3, SCREEN #1		
MW-981-068	1230		6		X			X	X	X	X	X						MW-4, SCREEN #5		
MW-981-069	1400		6		X			X	X	X	X	X						MW-4, SCREEN #4		
MW-981-069MS	1400		2	2x40ml	X								X					MW-4-4 MS (VOCs)		
MW-981-069MSD	1400		2	2x40ml	X									X				MW-4-4 MSD (VOCs)		

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 LABS AT 3°C

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Company: FWENC	Time: 1538	Company: M.W.	Company:	Time:	Company:

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№ 0039

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

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

Sampler (Name): J BIRENNER

Sampler: (Signature): J. B.

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. THARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)										LOCATION	DEPTH	QC CODE
MW-981-098	1500	1/27/98	2	2x40ml	X			X										PE SAMPLES		

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)
Company: FWENC	Time: 1538	Company: M.W.	Company:	Time:	Company:

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№ 0040

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR PASADENA, CA

Sampler (Name):

Sampler: (Signature):

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE	(MS/MSD) TOTAL As, Cr, Pb					LOCATION	DEPTH	QC CODE
MW-981-100	0810	1/28/98	2	2x40ml	X			X										TRIP BLANK	1/28/98	
MW-981-099	0805		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK	1/28/98	
MW-981-070	0855		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-4, SCREEN	3	
MW-981-072	0950		6	↓	X			X	X	X	X	X						MW-4, SCREEN	2	
MW-981-071	1020		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						MW-4-2	DUPLICATE	
MW-981-013	1100		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-4, SCREEN	1	
MW-981-056	1245		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X	X					MW-11, SCREEN	5	(MS/MSD METALS)
MW-981-057	1415		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-11, 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)
Company: FWENC	Time: 1526	Company: MW	Company:	Time: 1528	Company:

F-2

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0024

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR, PASADENA, CA

Sampler (Name): J. BRENNER

Sampler: (Signature): J. B

Laboratory: MONTGOMERY LABS

Reports to Be Sent to: MR. MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ 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)	VOCs (524.2)	TOTAL AS, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE	LOCATION	DEPTH	QC CODE
MW-981-086	0800	1/20/98	2	2x40ml	X			X					TRIP BLANK	1/20/98	
MW-981-081	0825		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X	EQUIP. BLANK	1/20/98	
MW-981-021	0915		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	MW-20,	SCREEN	#5
MW-981-022	1040		6		X			X	X	X	X	X	MW-20,	SCREEN	#4
MW-981-023	1200		6		X			X	X	X	X	X	MW-20,	SCREEN	#3
MW-981-024	1315		6		X			X	X	X	X	X	MW-20,	SCREEN	#2
MW-981-025	1410		6		X			X	X	X	X	X	MW-20,	SCREEN	#1

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	1/20/97	[signature]			
Company: FWENC	Time: 15:41	Company: MW	Company:	Time:	Company:

F-2

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0041

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0238

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MASSIVE ANIONS	Hex Cr	PERCHLORATE	VOCs (MS)	VOCs (MSD)			
MW-981-101	0815	1/29/98	2	2x40ml	X			X									
MW-981-102	0950		5	2x40ml 1250ml 2x125ml	X			X	X		X	X					
MW-981-058	~~0930~~		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-059	1045		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-060	1145		6		X			X	X	X	X	X					
MW-981-050	1330		6		X			X	X	X	X	X					
MW-981-051	1500		6		X			X	X	X	X	X					
MW-981-056MS	0930		2	2x40ml	X								X				
MW-981-058MSD	0930		2	2x40ml	X									X			

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

LOCATION	DEPTH	QC CODE
TRIP BLANK		1/29/98
EQUIP BLANK		1/29/98
MW-11, SCREEN #3		
MW-11, SCREEN #2		
MW-11, SCREEN #1		
MW-12, SCREEN #5		
MW-12, SCREEN #4		

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)
Company: FWENC	Time: 16:58	Company: MW	Company:	Time:	Company:

F-2

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№ 0042

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572

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

Sampler (Name): J. BIZENNER

Sampler: (Signature): J. B

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	Total As, Cr, Pb	Major Anions	Hex. Cr	Perchlorate	VOCs (MS)	VOCs (MSD)	Total As, Cr, Pb (MS/MSD)		
MW-981-102	0800	1/30/98	2	2x40ml	X			X									
MW-981-103	0805		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-981-052	0855		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-054	0950		6		X			X	X	X	X	X					
MW-981-053	1000		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X					
MW-981-055	1115		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X		
MW-981-001	1415		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X					
MW-981-054MS	0950		2	2x40ml	X								X				
MW-981-054MSD	0950		2	2x40ml	X									X			

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

LOCATION	DEPTH	QC CODE
TRIP BLANK		1/30/98
EQUIP. BLANK		1/30/98
MW-12, SCREEN		#3
MW-12, SCREEN		#2
MW-12-2 (DUPLICATE)		
MW-12, SCREEN		#1
MW-24, SCREEN		#5
MW-12-2	VOCs	MATRIX SPIKE
MW-12-2	VOCs	MAT SPIKE DUP.

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	1/30/98	M. W			
Company: FLENC	Time: 1530	Company:	Company:	Time:	Company:

F-2

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№ 0044

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR, PASADENA, CA

Sampler (Name): J. BRENNAN

Sampler (Signature): J. B

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE						LOCATION	DEPTH	QC CODE
MW-981-104	0900	2/2/98	2	2x40ml	X			X										TRIP BLANK		2/2/98
MW-981-105	0905	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK		2/2/98
MW-981-002	1230		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-12,	SCREEN	#4
MW-981-005	1450		6	↓	X			X	X	X	X	X						MW-12,	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	2/2/98	Walter			
Company: FWENC	Time: 19:00	Company:	Company:	Time:	Company:

F-2

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№ 0748

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

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

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (SW4.2)	TOTAL AS, Cr, Pb	MAJOR ANIONS	HEX. Cr.	PERCHLORATE	LOCATION	DEPTH	QC CODE
MW.981-106	0850	2/3/98	2	2x40ml	X			X					TRIP BLANK		2/3/98
MW.981-107	0900	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X	EQUIP. BLANK		2/3/98
MW.981-004	1200	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	MW-24,	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	2/3/98	[signature]			
Company: FWENC	Time: 16:47	Company: MW	Company:	Time:	Company:

F-2

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№ 0750

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Project: JPL

OFS No. 1572.0233

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

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

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

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (8242)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr.	PERCHLORATE	VOCs (MS)	VOCs (MSD)	TOTAL As, Cr, Pb (MS/MSD)			LOCATION	DEPTH	QC CODE
MW-981-100	0800	2/4/98	2	2x40ml	X			X										TRIP BLANK		2/24/98
MW-981-009	1125		5	2x40ml 2x125ml 1x250ml	X			X	X		X	X						EQUIP BLANK		2/4/98
MW-981-011	1200		6	2x40ml 2x125ml 2x500ml	X			X	X	X	X	X			X			MW-22'	SCREEN #5	
MW-981-012	1330		6	2x40ml 2x125ml 1x250ml 1x500ml	X			X	X	X	X	X						MW-22'	SCREEN #4	
MW-981-013	1430		6		X			X	X	X	X	X						MW-22'	SCREEN #3	
MW-981-014	1600		6		X			X	X	X	X	X						MW-22'	SCREEN #2	
MW-981-011MS	1200		2	2x40ml	X								X					MW-22-5'	MATRIX SPIKE	
MW-981-011MSD	1200		2	2x40ml	X									X				MW-22-5	MATRIX SPIKE DUP	

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	2/4/98	Warren			
Company: FWENC	Time: 17:00	Company: MW	Company:	Time:	Company:

F-2

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№ 0751

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of ___

Project: JPL

OFS No. 1572.0233

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

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr.	PERCHLORATE						LOCATION	DEPTH	QC CODE
MW-981-110	0815	2/5/98	2	2x40ml	X			X										TRIP BLANK	2/5/98	
MW-981-111	0830	1	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK	2/5/98	
MW-981-003	0840	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-24, SCREEN	# 3	

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	2/5/98	[signature]			
Company: FWENC	Time: 17:00	Company: MW	Company:	Time:	Company:

F-2

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0752

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR. PASADENA, CA

Sampler (Name): J. BRANNER

Sampler: (Signature): JB

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MASTER ANIONS	Hex Cr	PERCHLORATE	LOCATION	DEPTH	QC CODE
MW 581-112	0830	2/6/98	2	2x40ml	X			X					TRIP BLANK		2/6/98
MW 581-113	0945	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X	EQUIP BLANK		2/6/98
MW 581-015	1145	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X	MW-22,	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)
	2/6/98	Warren			
Company: FWENC	Time: 13:05	Company: MW	Company:	Time:	Company:

F-2

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0753

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

Project Address: 4800 OAK GROVE DR, PASADENA, CA

Sampler (Name): J. BIZZANNER

Sampler (Signature): [illegible]

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (8240)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr.	PERCHLORATE	VOCs (MS)	VOCs (MSD)	METALS (MS/MSD)			LOCATION	DEPTH	QC CODE
MW-981-114	0815	2/9/98	2	2x40ml	X			X										TRIP BLANK	2/9/98	
MW-981-115	0830		5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK	2/9/98	
MW-981-006	0915		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X			MW-23,	SCREEN #5	
MW-981-007	1030		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-23,	SCREEN #4	
MW-981-009	1240		6		X			X	X	X	X	X						MW-23,	SCREEN #2	
MW-981-010	1345		6		X			X	X	X	X	X						MW-23,	SCREEN #1	
MW-981-008	1600							X	X	X	X	X						MW-23,	SCREEN #3	
MW-981-006MS	0915		2	2x40ml	X								X					MW-23-S	MATRIX	SPIKE
MW-981-006MSD	0915		2	2x40ml	X									X				MW-23-S	MATRIX SPIKE	DUP.

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)
[illegible]	2/9/98	[illegible]			
Company: FWENC	Time: 17:00	Company: MW	Company:	Time:	Company:

F-2

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№ 0754

FOSTER WHEELER ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

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

Sampler (Name): J.B.

Sampler: (Signature): J. BRENNEL

Laboratory: MONTGOMERY WATSON LABS

Reports to Be Sent to: MR. MARK CUTLER

HAZARD IDENTIFICATION: Nonhazard ☒ 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)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE	VOCs (MS)	VOCs (MSD)	TOTAL As, Cr, Pb (MS/MSD)			LOCATION	DEPTH	QC CODE
MW-981-116	0830	2/10/98	2	2x40ml	X			X										TRIP BLANK 2/10/98		
MW-981-066	0920		6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X			MW-6 (MS/MSD METALS)		
MW-981-061	1105		J.B. 5	2x40ml 1x250ml 2x125ml	X			X	X	J.B.	X	X						MW-10 (DUPLICATE)		
MW-981-062	1100		6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-10		
MW-981-067	1210		6		X			X	X	X	X	X						MW-5		
MW-981-063	1425		6		X			X	X	X	X	X						MW-9		
MW-981-079	1515		6		X			X	X	X	X	X						MW-1		
MW-981-042	1615		6		X			X	X	X	X	X						MW-15		
MW-981-066MS	0920		2	2x40ml	X								X					MW-6	MS (VOAS)	
MW-981-066MSD	0920		2	2x40ml	X									X				MW-6	MSD (VOAS)	

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.	2/10/98	[signature]			
Company: FWENC	Time: 1700	Company: M.W.	Company:	Time:	Company:

F-2

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FOSTER WHEELER ENVIRONMENTAL CORPORATION

№ 0755

CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

Page 1 of 1

Project: JPL

OFS No. 1572.0233

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

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

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

ANALYSES REQUIRED

SAMPLE NUMBER	TIME COLLECTED	DATE COLLECTED	NUMBER OF CONTAINERS	CONTAINER SIZE(S)	SAMPLE MATERIAL: WATER	SOIL	OTHER (Describe)	VOCs (524.2)	TOTAL As, Cr, Pb	MAJOR ANIONS	HEX. Cr	PERCHLORATE	VOCs (MS)	VOCs (MSD)	TOTAL As, Cr, Pb (MS/MSD)			LOCATION	DEPTH	QC CODE
MW-981-117	0800	2/11/98	2	2x40ml	X			X										TRIP BLANK		2/11/98
MW-981-118	1430	↓	5	2x40ml 1x250ml 2x125ml	X			X	X		X	X						EQUIP. BLANK		2/11/98
MW-981-200	0815	↓	5	↓	X			X	X		X	X						FIELD BLANK @ MW-7		
MW-981-065	0855	↓	6	2x40ml 2x500ml 2x125ml	X			X	X	X	X	X			X			MW-7 (MS/MSD METALS)		
MW-981-041	1045	↓	6	2x40ml 1x250ml 2x125ml 1x500ml	X			X	X	X	X	X						MW-16		
MW-981-064	1155	↓	6	↓	X			X	X	X	X	X						MW-8		
MW-981-020	1440	↓	6	↓	X			X	X	X	X	X						MW-21	SCREEN #1	
MW-981-065MS	0855	↓	2	2x40ml	X								X					MW-7 MS VOAS		
MW-981-065MSD	0855	↓	2	2x40ml	X									X				MW-7 MSD VOAS		

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	2/11/98	Warren			
Company: FWENC	Time: 1630	Company: MW	Company:	Time:	Company:

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