ANALYTICAL REPORT

Job Number: 720-24186-1

Job Description: Aspire Oakland

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Afsaneh Salimpour
Project Manager I
11/25/2009 11:11 AM

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11/25/2009
Revision: 1

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Job Narrative
720-24186-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample(s): EXC4-EAST5 (720-24186-5). The sample(s) shows evidence of matrix interference. Re-extration and re-analysis was performed and 1,4-dichlorobenzene-d5 is out low and confirmed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The laboratory control sample (LCS) for preparation batch #61772 exceeded control limits for the following analytes: N-nitrosodiphenylamine; fluoranthene; benzo[a]pyrene; benzo[g,h,i]perylene; dibenz[a,h]anthracene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The following sample(s) was diluted due to the abundance of non-target analytes: EXC4-EAST2 (720-24186-2), EXC4-EAST4 (720-24186-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch #61772 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8082: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 61762 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-24186-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-24186-1	**EXC TPH/PCB1 W-SDWALL2'-NORTH**				
Diesel Range Organics [C10-C28]		7.5	1.0	mg/Kg	8015B
PCB-1260		220	50	ug/Kg	8082
720-24186-2	**EXC4-EAST2**				
Diesel Range Organics [C10-C28]		17	1.0	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		64	50	mg/Kg	8015B
Arsenic		120	4.1	mg/Kg	6010B
Lead		64	2.0	mg/Kg	6010B
720-24186-3	**EXC4-EAST3**				
Arsenic		80	4.1	mg/Kg	6010B
Lead		14	2.0	mg/Kg	6010B
720-24186-4	**EXC4-EAST4**				
Xylenes, Total		14	10	ug/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		54	2.0	mg/Kg	8015B
Motor Oil Range Organics [C24-C36]		190	100	mg/Kg	8015B
Arsenic		58	4.1	mg/Kg	6010B
Lead		37	2.1	mg/Kg	6010B
720-24186-5	**EXC4-EAST5**				
Diesel Range Organics [C10-C28]		3.2	1.0	mg/Kg	8015B
Arsenic		170	4.1	mg/Kg	6010B
Lead		75	2.1	mg/Kg	6010B

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-24186-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
8260B / CA LUFT MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SF	SW846 8270C	
Ultrasonic Extraction	TAL SF		SW846 3550B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL SF	SW846 8082	
Ultrasonic Extraction	TAL SF		SW846 3550B
Metals (ICP)	TAL SF	SW846 6010B	
Preparation, Metals	TAL SF		SW846 3050B

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: LFR, Inc.

Job Number: 720-24186-1

Method	Analyst	Analyst ID
SW846 8260B/CA_LUFTMS	Chen, Amy	AC
SW846 8270C	Lee, Michael	ML
SW846 8015B	Hayashi, Derek	DH
SW846 8082	Cavalli, Evan	EC
SW846 6010B	Hinojosa, Emma F	EFH

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-24186-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-24186-1	EXC TPH/PCB1 W-SDWALL2'-NORTH	Solid	11/19/2009 1500	11/19/2009 1559
720-24186-2	EXC4-EAST2	Solid	11/19/2009 1400	11/19/2009 1559
720-24186-3	EXC4-EAST3	Solid	11/19/2009 1400	11/19/2009 1559
720-24186-4	EXC4-EAST4	Solid	11/19/2009 1400	11/19/2009 1559
720-24186-5	EXC4-EAST5	Solid	11/19/2009 1400	11/19/2009 1559

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-61711	Instrument ID:	HP4
Preparation:	5030B	Prep Batch: 720-61753	Lab File ID:	111909015.D
Dilution:	1.0		Initial Weight/Volume:	4.97 g
Date Analyzed:	11/19/2009 1658		Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1600			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		ND		5.0
Ethylbenzene		ND		5.0
Toluene		ND		5.0
Xylenes, Total		ND		10
Gasoline Range Organics (GRO)-C5-C12		ND		250
Ethylene Dibromide		ND		5.0
1,2-Dichloroethane		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	96		52 - 140
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-61711	Instrument ID:	HP4
Preparation:	5030B	Prep Batch: 720-61753	Lab File ID:	111909016.D
Dilution:	1.0		Initial Weight/Volume:	5.25 g
Date Analyzed:	11/19/2009 1730		Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1600			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		ND		4.8
Ethylbenzene		ND		4.8
Toluene		ND		4.8
Xylenes, Total		ND		9.5
Gasoline Range Organics (GRO)-C5-C12		ND		240
Ethylene Dibromide		ND		4.8
1,2-Dichloroethane		ND		4.8

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	75		52 - 140
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	92		58 - 140

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-61711	Instrument ID:	HP4
Preparation:	5030B	Prep Batch: 720-61753	Lab File ID:	111909017.D
Dilution:	1.0		Initial Weight/Volume:	4.96 g
Date Analyzed:	11/19/2009 1803		Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1600			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		ND		5.0
Ethylbenzene		ND		5.0
Toluene		ND		5.0
Xylenes, Total		14		10
Gasoline Range Organics (GRO)-C5-C12		ND		250
Ethylene Dibromide		ND		5.0
1,2-Dichloroethane		ND		5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	83		52 - 140
1,2-Dichloroethane-d4 (Surr)	106		60 - 140
Toluene-d8 (Surr)	94		58 - 140

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8260B/CA_LUFTMS 8260B / CA LUFT MS

Method:	8260B/CA_LUFTMS	Analysis Batch: 720-61711	Instrument ID:	HP4
Preparation:	5030B	Prep Batch: 720-61753	Lab File ID:	111909018.D
Dilution:	1.0		Initial Weight/Volume:	5.27 g
Date Analyzed:	11/19/2009 1835		Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1600			

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Benzene		ND		4.7
Ethylbenzene		ND		4.7
Toluene		ND		4.7
Xylenes, Total		ND		9.5
Gasoline Range Organics (GRO)-C5-C12		ND		240
Ethylene Dibromide		ND		4.7
1,2-Dichloroethane		ND		4.7

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	69		52 - 140
1,2-Dichloroethane-d4 (Surr)	108		60 - 140
Toluene-d8 (Surr)	81		58 - 140

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61962	Instrument ID:	SAT 2K2
Preparation:	3550B	Prep Batch: 720-61772	Lab File ID:	c:\saturnws\epdata\da
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	11/24/2009 0023		Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828		Injection Volume:	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenol		ND		0.067
Bis(2-chloroethyl)ether		ND		0.067
2-Chlorophenol		ND		0.067
1,3-Dichlorobenzene		ND		0.067
1,4-Dichlorobenzene		ND		0.067
Benzyl alcohol		ND		0.17
1,2-Dichlorobenzene		ND		0.067
2-Methylphenol		ND		0.067
4-Methylphenol		ND		0.067
N-Nitrosodi-n-propylamine		ND		0.067
Hexachloroethane		ND		0.067
Nitrobenzene		ND		0.067
Isophorone		ND		0.067
2-Nitrophenol		ND		0.067
2,4-Dimethylphenol		ND		0.067
Bis(2-chloroethoxy)methane		ND		0.17
2,4-Dichlorophenol		ND		0.33
1,2,4-Trichlorobenzene		ND		0.067
Naphthalene		ND		0.067
4-Chloroaniline		ND		0.067
Hexachlorobutadiene		ND		0.067
4-Chloro-3-methylphenol		ND		0.17
2-Methylnaphthalene		ND		0.067
Hexachlorocyclopentadiene		ND		0.17
2,4,6-Trichlorophenol		ND		0.067
2,4,5-Trichlorophenol		ND		0.067
2-Chloronaphthalene		ND		0.067
2-Nitroaniline		ND		0.33
Dimethyl phthalate		ND		0.17
Acenaphthylene		ND		0.067
3-Nitroaniline		ND		0.17
Acenaphthene		ND		0.067
2,4-Dinitrophenol		ND		0.33
4-Nitrophenol		ND		0.33
Dibenzofuran		ND		0.067
2,4-Dinitrotoluene		ND		0.067
2,6-Dinitrotoluene		ND		0.067
Diethyl phthalate		ND		0.17
4-Chlorophenyl phenyl ether		ND		0.17
Fluorene		ND		0.067
4-Nitroaniline		ND		0.33
2-Methyl-4,6-dinitrophenol		ND		0.33
N-Nitrosodiphenylamine		ND	*	0.067
4-Bromophenyl phenyl ether		ND		0.17
Hexachlorobenzene		ND		0.067
Pentachlorophenol		ND		0.33

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61962		Instrument ID:	SAT 2K2
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	c:\saturnws\epdata\da
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	11/24/2009 0023			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenanthrene		ND		0.067
Anthracene		ND		0.067
Di-n-butyl phthalate		ND		0.17
Fluoranthene		ND	*	0.067
Pyrene		ND		0.067
Butyl benzyl phthalate		ND		0.17
3,3'-Dichlorobenzidine		ND		0.17
Benzo[a]anthracene		ND		0.33
Bis(2-ethylhexyl) phthalate		ND		0.33
Chrysene		ND		0.067
Di-n-octyl phthalate		ND		1.0
Benzo[b]fluoranthene		ND		0.067
Benzo[a]pyrene		ND	*	0.067
Benzo[k]fluoranthene		ND		0.067
Indeno[1,2,3-cd]pyrene		ND		0.067
Benzo[g,h,i]perylene		ND	*	0.067
Benzoic acid		ND		0.33
Azobenzene		ND		0.067
Dibenz(a,h)anthracene		ND	*	0.067

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	58		21 - 98
2-Fluorobiphenyl	53		38 - 96
Terphenyl-d14	40		32 - 117
2-Fluorophenol	74		28 - 98
Phenol-d5	76		23 - 101
2,4,6-Tribromophenol	72		37 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61804		Instrument ID:	CHSAT2K1
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	24186A3 11-20-2009
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	11/20/2009 1456			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenol		ND		0.067
Bis(2-chloroethyl)ether		ND		0.067
2-Chlorophenol		ND		0.067
1,3-Dichlorobenzene		ND		0.067
1,4-Dichlorobenzene		ND		0.067
Benzyl alcohol		ND		0.17
1,2-Dichlorobenzene		ND		0.067
2-Methylphenol		ND		0.067
4-Methylphenol		ND		0.067
N-Nitrosodi-n-propylamine		ND		0.067
Hexachloroethane		ND		0.067
Nitrobenzene		ND		0.067
Isophorone		ND		0.067
2-Nitrophenol		ND		0.067
2,4-Dimethylphenol		ND		0.067
Bis(2-chloroethoxy)methane		ND		0.17
2,4-Dichlorophenol		ND		0.33
1,2,4-Trichlorobenzene		ND		0.067
Naphthalene		ND		0.067
4-Chloroaniline		ND		0.067
Hexachlorobutadiene		ND		0.067
4-Chloro-3-methylphenol		ND		0.17
2-Methylnaphthalene		ND		0.067
Hexachlorocyclopentadiene		ND		0.17
2,4,6-Trichlorophenol		ND		0.067
2,4,5-Trichlorophenol		ND		0.067
2-Chloronaphthalene		ND		0.067
2-Nitroaniline		ND		0.33
Dimethyl phthalate		ND		0.17
Acenaphthylene		ND		0.067
3-Nitroaniline		ND		0.17
Acenaphthene		ND		0.067
2,4-Dinitrophenol		ND		0.33
4-Nitrophenol		ND		0.33
Dibenzofuran		ND		0.067
2,4-Dinitrotoluene		ND		0.067
2,6-Dinitrotoluene		ND		0.067
Diethyl phthalate		ND		0.17
4-Chlorophenyl phenyl ether		ND		0.17
Fluorene		ND		0.067
4-Nitroaniline		ND		0.33
2-Methyl-4,6-dinitrophenol		ND		0.33
N-Nitrosodiphenylamine		ND	*	0.067
4-Bromophenyl phenyl ether		ND		0.17
Hexachlorobenzene		ND		0.067
Pentachlorophenol		ND		0.33

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61804		Instrument ID:	CHSAT2K1
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	24186A3 11-20-2009
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	11/20/2009 1456			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenanthrene		ND		0.067
Anthracene		ND		0.067
Di-n-butyl phthalate		ND		0.17
Fluoranthene		ND	*	0.067
Pyrene		ND		0.067
Butyl benzyl phthalate		ND		0.17
3,3'-Dichlorobenzidine		ND		0.17
Benzo[a]anthracene		ND		0.33
Bis(2-ethylhexyl) phthalate		ND		0.33
Chrysene		ND		0.067
Di-n-octyl phthalate		ND		1.0
Benzo[b]fluoranthene		ND		0.067
Benzo[a]pyrene		ND	*	0.067
Benzo[k]fluoranthene		ND		0.067
Indeno[1,2,3-cd]pyrene		ND		0.067
Benzo[g,h,i]perylene		ND	*	0.067
Benzoic acid		ND		0.33
Azobenzene		ND		0.067
Dibenz(a,h)anthracene		ND	*	0.067

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		21 - 98
2-Fluorobiphenyl	66		38 - 96
Terphenyl-d14	55		32 - 117
2-Fluorophenol	71		28 - 98
Phenol-d5	79		23 - 101
2,4,6-Tribromophenol	79		37 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61962	Instrument ID:	SAT 2K2
Preparation:	3550B	Prep Batch: 720-61772	Lab File ID:	c:\saturnws\epdata\da
Dilution:	1.0		Initial Weight/Volume:	30.02 g
Date Analyzed:	11/24/2009 0056		Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828		Injection Volume:	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenol		ND		0.067
Bis(2-chloroethyl)ether		ND		0.067
2-Chlorophenol		ND		0.067
1,3-Dichlorobenzene		ND		0.067
1,4-Dichlorobenzene		ND		0.067
Benzyl alcohol		ND		0.17
1,2-Dichlorobenzene		ND		0.067
2-Methylphenol		ND		0.067
4-Methylphenol		ND		0.067
N-Nitrosodi-n-propylamine		ND		0.067
Hexachloroethane		ND		0.067
Nitrobenzene		ND		0.067
Isophorone		ND		0.067
2-Nitrophenol		ND		0.067
2,4-Dimethylphenol		ND		0.067
Bis(2-chloroethoxy)methane		ND		0.17
2,4-Dichlorophenol		ND		0.33
1,2,4-Trichlorobenzene		ND		0.067
Naphthalene		ND		0.067
4-Chloroaniline		ND		0.067
Hexachlorobutadiene		ND		0.067
4-Chloro-3-methylphenol		ND		0.17
2-Methylnaphthalene		ND		0.067
Hexachlorocyclopentadiene		ND		0.17
2,4,6-Trichlorophenol		ND		0.067
2,4,5-Trichlorophenol		ND		0.067
2-Chloronaphthalene		ND		0.067
2-Nitroaniline		ND		0.33
Dimethyl phthalate		ND		0.17
Acenaphthylene		ND		0.067
3-Nitroaniline		ND		0.17
Acenaphthene		ND		0.067
2,4-Dinitrophenol		ND		0.33
4-Nitrophenol		ND		0.33
Dibenzofuran		ND		0.067
2,4-Dinitrotoluene		ND		0.067
2,6-Dinitrotoluene		ND		0.067
Diethyl phthalate		ND		0.17
4-Chlorophenyl phenyl ether		ND		0.17
Fluorene		ND		0.067
4-Nitroaniline		ND		0.33
2-Methyl-4,6-dinitrophenol		ND		0.33
N-Nitrosodiphenylamine		ND	*	0.067
4-Bromophenyl phenyl ether		ND		0.17
Hexachlorobenzene		ND		0.067
Pentachlorophenol		ND		0.33

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61962		Instrument ID:	SAT 2K2
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	c:\saturnws\epdata\da
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	11/24/2009 0056			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenanthrene		ND		0.067
Anthracene		ND		0.067
Di-n-butyl phthalate		ND		0.17
Fluoranthene		ND	*	0.067
Pyrene		ND		0.067
Butyl benzyl phthalate		ND		0.17
3,3'-Dichlorobenzidine		ND		0.17
Benzo[a]anthracene		ND		0.33
Bis(2-ethylhexyl) phthalate		ND		0.33
Chrysene		ND		0.067
Di-n-octyl phthalate		ND		1.0
Benzo[b]fluoranthene		ND		0.067
Benzo[a]pyrene		ND	*	0.067
Benzo[k]fluoranthene		ND		0.067
Indeno[1,2,3-cd]pyrene		ND		0.067
Benzo[g,h,i]perylene		ND	*	0.067
Benzoic acid		ND		0.33
Azobenzene		ND		0.067
Dibenz(a,h)anthracene		ND	*	0.067

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	69		21 - 98
2-Fluorobiphenyl	61		38 - 96
Terphenyl-d14	45		32 - 117
2-Fluorophenol	83		28 - 98
Phenol-d5	86		23 - 101
2,4,6-Tribromophenol	85		37 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61804		Instrument ID:	CHSAT2K1
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	24186A5 11-20-2009
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	11/20/2009 1531			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenol		ND		0.067
Bis(2-chloroethyl)ether		ND		0.067
2-Chlorophenol		ND		0.067
1,3-Dichlorobenzene		ND		0.067
1,4-Dichlorobenzene		ND		0.067
Benzyl alcohol		ND		0.17
1,2-Dichlorobenzene		ND		0.067
2-Methylphenol		ND		0.067
4-Methylphenol		ND		0.067
N-Nitrosodi-n-propylamine		ND		0.067
Hexachloroethane		ND		0.067
Nitrobenzene		ND		0.067
Isophorone		ND		0.067
2-Nitrophenol		ND		0.067
2,4-Dimethylphenol		ND		0.067
Bis(2-chloroethoxy)methane		ND		0.17
2,4-Dichlorophenol		ND		0.33
1,2,4-Trichlorobenzene		ND		0.067
Naphthalene		ND		0.067
4-Chloroaniline		ND		0.067
Hexachlorobutadiene		ND		0.067
4-Chloro-3-methylphenol		ND		0.17
2-Methylnaphthalene		ND		0.067
Hexachlorocyclopentadiene		ND		0.17
2,4,6-Trichlorophenol		ND		0.067
2,4,5-Trichlorophenol		ND		0.067
2-Chloronaphthalene		ND		0.067
2-Nitroaniline		ND		0.33
Dimethyl phthalate		ND		0.17
Acenaphthylene		ND		0.067
3-Nitroaniline		ND		0.17
Acenaphthene		ND		0.067
2,4-Dinitrophenol		ND		0.33
4-Nitrophenol		ND		0.33
Dibenzofuran		ND		0.067
2,4-Dinitrotoluene		ND		0.067
2,6-Dinitrotoluene		ND		0.067
Diethyl phthalate		ND		0.17
4-Chlorophenyl phenyl ether		ND		0.17
Fluorene		ND		0.067
4-Nitroaniline		ND		0.33
2-Methyl-4,6-dinitrophenol		ND		0.33
N-Nitrosodiphenylamine		ND	*	0.067
4-Bromophenyl phenyl ether		ND		0.17
Hexachlorobenzene		ND		0.067
Pentachlorophenol		ND		0.33

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 720-61804		Instrument ID:	CHSAT2K1
Preparation:	3550B	Prep Batch: 720-61772		Lab File ID:	24186A5 11-20-2009
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	11/20/2009 1531			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Phenanthrene		ND		0.067
Anthracene		ND		0.067
Di-n-butyl phthalate		ND		0.17
Fluoranthene		ND	*	0.067
Pyrene		ND		0.067
Butyl benzyl phthalate		ND		0.17
3,3'-Dichlorobenzidine		ND		0.17
Benzo[a]anthracene		ND		0.33
Bis(2-ethylhexyl) phthalate		ND		0.33
Chrysene		ND		0.067
Di-n-octyl phthalate		ND		1.0
Benzo[b]fluoranthene		ND		0.067
Benzo[a]pyrene		ND	*	0.067
Benzo[k]fluoranthene		ND		0.067
Indeno[1,2,3-cd]pyrene		ND		0.067
Benzo[g,h,i]perylene		ND	*	0.067
Benzoic acid		ND		0.33
Azobenzene		ND		0.067
Dibenz(a,h)anthracene		ND	*	0.067

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	70		21 - 98
2-Fluorobiphenyl	64		38 - 96
Terphenyl-d14	59		32 - 117
2-Fluorophenol	69		28 - 98
Phenol-d5	82		23 - 101
2,4,6-Tribromophenol	80		37 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC TPH/PCB1 W-SDWALL2'-NORTH**

Lab Sample ID: 720-24186-1 Date Sampled: 11/19/2009 1500
Client Matrix: Solid Date Received: 11/19/2009 1559

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-61781	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-61713	Initial Weight/Volume:	30.00 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	11/20/2009 1029		Injection Volume:	1 uL
Date Prepared:	11/19/2009 1759		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		7.5		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	80		31 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-61781	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-61713	Initial Weight/Volume:	30.02 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	11/20/2009 1250		Injection Volume:	1 uL
Date Prepared:	11/19/2009 1759		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		17		1.0
Motor Oil Range Organics [C24-C36]		64		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	98		31 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-61781	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-61713	Initial Weight/Volume:	30.08 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	11/20/2009 1056		Injection Volume:	1 uL
Date Prepared:	11/19/2009 1759		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	85		31 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-61781	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-61713	Initial Weight/Volume:	30.03 g
Dilution:	2.0		Final Weight/Volume:	5 mL
Date Analyzed:	11/20/2009 1334		Injection Volume:	1 uL
Date Prepared:	11/19/2009 1759		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		54		2.0
Motor Oil Range Organics [C24-C36]		190		100

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	72		31 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-61781	Instrument ID:	CHDRO5
Preparation:	3550B	Prep Batch: 720-61713	Initial Weight/Volume:	30.00 g
Dilution:	1.0		Final Weight/Volume:	5 mL
Date Analyzed:	11/20/2009 1123		Injection Volume:	1 uL
Date Prepared:	11/19/2009 1759		Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3.2		1.0
Motor Oil Range Organics [C24-C36]		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
p-Terphenyl	83		31 - 114

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC TPH/PCB1 W-SDWALL2'-NORTH**

Lab Sample ID: 720-24186-1 Date Sampled: 11/19/2009 1500
Client Matrix: Solid Date Received: 11/19/2009 1559

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61795		Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61762		Initial Weight/Volume:	30.09 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	11/20/2009 1300			Injection Volume:	1 uL
Date Prepared:	11/19/2009 1708			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		220		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	90		32 - 112
DCB Decachlorobiphenyl	82		2 - 122

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61795		Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61762		Initial Weight/Volume:	30.08 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	11/20/2009 1406			Injection Volume:	1 uL
Date Prepared:	11/19/2009 1708			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	86		32 - 112
DCB Decachlorobiphenyl	83		2 - 122

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61795		Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61762		Initial Weight/Volume:	30.07 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	11/20/2009 1428			Injection Volume:	1 uL
Date Prepared:	11/19/2009 1708			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		32 - 112
DCB Decachlorobiphenyl	81		2 - 122

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61795		Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61762		Initial Weight/Volume:	30.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	11/20/2009 1449			Injection Volume:	1 uL
Date Prepared:	11/19/2009 1708			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	88		32 - 112
DCB Decachlorobiphenyl	72		2 - 122

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 720-61795		Instrument ID:	CHPCB # 2
Preparation:	3550B	Prep Batch: 720-61762		Initial Weight/Volume:	30.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Date Analyzed:	11/20/2009 1511			Injection Volume:	1 uL
Date Prepared:	11/19/2009 1708			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
PCB-1016		ND		50
PCB-1221		ND		50
PCB-1232		ND		50
PCB-1242		ND		50
PCB-1248		ND		50
PCB-1254		ND		50
PCB-1260		ND		50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	89		32 - 112
DCB Decachlorobiphenyl	76		2 - 122

Client: LFR, Inc.

Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST2**

Lab Sample ID: 720-24186-2

Client Matrix: Solid

Date Sampled: 11/19/2009 1400

Date Received: 11/19/2009 1559

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-61838		Instrument ID:	Thermo ICP
Preparation:	3050B	Prep Batch: 720-61759		Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	11/20/2009 1324			Final Weight/Volume:	50 mL
Date Prepared:	11/19/2009 1656				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		120		4.1
Lead		64		2.0

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST3**

Lab Sample ID: 720-24186-3 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-61838		Instrument ID:	Thermo ICP
Preparation:	3050B	Prep Batch: 720-61759		Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	0.98 g
Date Analyzed:	11/20/2009 1330			Final Weight/Volume:	50 mL
Date Prepared:	11/19/2009 1656				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		80		4.1
Lead		14		2.0

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST4**

Lab Sample ID: 720-24186-4 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-61838		Instrument ID:	Thermo ICP
Preparation:	3050B	Prep Batch: 720-61759		Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	0.97 g
Date Analyzed:	11/20/2009 1347			Final Weight/Volume:	50 mL
Date Prepared:	11/19/2009 1656				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		58		4.1
Lead		37		2.1

Client: LFR, Inc. Job Number: 720-24186-1

Client Sample ID: **EXC4-EAST5**

Lab Sample ID: 720-24186-5 Date Sampled: 11/19/2009 1400
Client Matrix: Solid Date Received: 11/19/2009 1559

6010B Metals (ICP)

Method:	6010B	Analysis Batch: 720-61838		Instrument ID:	Thermo ICP
Preparation:	3050B	Prep Batch: 720-61759		Lab File ID:	N/A
Dilution:	4.0			Initial Weight/Volume:	0.97 g
Date Analyzed:	11/20/2009 1421			Final Weight/Volume:	50 mL
Date Prepared:	11/19/2009 1656				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Arsenic		170		4.1
Lead		75		2.1

DATA REPORTING QUALIFIERS

Client: LFR, Inc. Job Number: 720-24186-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
GC Semi VOA		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits

Client: LFR, Inc.

Job Number: 720-24186-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-61711					
LCS 720-61753/2-A	Lab Control Sample	T	Solid	8260B/CA_LUFT	720-61753
LCS 720-61753/4-A	Lab Control Sample	T	Solid	8260B/CA_LUFT	720-61753
LCSD 720-61753/3-A	Lab Control Sample Duplicate	T	Solid	8260B/CA_LUFT	720-61753
LCSD 720-61753/5-A	Lab Control Sample Duplicate	T	Solid	8260B/CA_LUFT	720-61753
MB 720-61753/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-61753
720-24169-A-7-D MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-61753
720-24169-A-7-E MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-61753
720-24186-2	EXC4-EAST2	T	Solid	8260B/CA_LUFT	720-61753
720-24186-3	EXC4-EAST3	T	Solid	8260B/CA_LUFT	720-61753
720-24186-4	EXC4-EAST4	T	Solid	8260B/CA_LUFT	720-61753
720-24186-5	EXC4-EAST5	T	Solid	8260B/CA_LUFT	720-61753
Prep Batch: 720-61753					
LCS 720-61753/2-A	Lab Control Sample	T	Solid	5030B	
LCS 720-61753/4-A	Lab Control Sample	T	Solid	5030B	
LCSD 720-61753/3-A	Lab Control Sample Duplicate	T	Solid	5030B	
LCSD 720-61753/5-A	Lab Control Sample Duplicate	T	Solid	5030B	
MB 720-61753/1-A	Method Blank	T	Solid	5030B	
720-24169-A-7-D MS	Matrix Spike	T	Solid	5030B	
720-24169-A-7-E MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-24186-2	EXC4-EAST2	T	Solid	5030B	
720-24186-3	EXC4-EAST3	T	Solid	5030B	
720-24186-4	EXC4-EAST4	T	Solid	5030B	
720-24186-5	EXC4-EAST5	T	Solid	5030B	

Report Basis

T = Total

Client: LFR, Inc.

Job Number: 720-24186-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 720-61772					
LCS 720-61772/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 720-61772/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-61772/1-A	Method Blank	T	Solid	3550B	
720-24161-A-4-D MS	Matrix Spike	T	Solid	3550B	
720-24161-A-4-E MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-24186-2	EXC4-EAST2	T	Solid	3550B	
720-24186-3	EXC4-EAST3	T	Solid	3550B	
720-24186-4	EXC4-EAST4	T	Solid	3550B	
720-24186-5	EXC4-EAST5	T	Solid	3550B	
Analysis Batch:720-61804					
LCS 720-61772/2-A	Lab Control Sample	T	Solid	8270C	720-61772
LCSD 720-61772/3-A	Lab Control Sample Duplicate	T	Solid	8270C	720-61772
MB 720-61772/1-A	Method Blank	T	Solid	8270C	720-61772
720-24161-A-4-D MS	Matrix Spike	T	Solid	8270C	720-61772
720-24161-A-4-E MSD	Matrix Spike Duplicate	T	Solid	8270C	720-61772
720-24186-3	EXC4-EAST3	T	Solid	8270C	720-61772
720-24186-5	EXC4-EAST5	T	Solid	8270C	720-61772
Analysis Batch:720-61962					
720-24186-2	EXC4-EAST2	T	Solid	8270C	720-61772
720-24186-4	EXC4-EAST4	T	Solid	8270C	720-61772

Report Basis

T = Total

Client: LFR, Inc.

Job Number: 720-24186-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:720-61707					
LCS 720-61713/2-A	Lab Control Sample	T	Solid	8015B	720-61713
LCSD 720-61713/3-A	Lab Control Sample Duplicate	T	Solid	8015B	720-61713
MB 720-61713/1-A	Method Blank	T	Solid	8015B	720-61713
720-24143-A-4-C MS	Matrix Spike	T	Solid	8015B	720-61713
720-24143-A-4-D MSD	Matrix Spike Duplicate	T	Solid	8015B	720-61713
Prep Batch: 720-61713					
LCS 720-61713/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 720-61713/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-61713/1-A	Method Blank	T	Solid	3550B	
720-24143-A-4-C MS	Matrix Spike	T	Solid	3550B	
720-24143-A-4-D MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-24186-1	EXC TPH/PCB1 W-SDWALL2'-NORTH	T	Solid	3550B	
720-24186-2	EXC4-EAST2	T	Solid	3550B	
720-24186-3	EXC4-EAST3	T	Solid	3550B	
720-24186-4	EXC4-EAST4	T	Solid	3550B	
720-24186-5	EXC4-EAST5	T	Solid	3550B	
Prep Batch: 720-61762					
LCS 720-61762/2-A	Lab Control Sample	T	Solid	3550B	
LCSD 720-61762/3-A	Lab Control Sample Duplicate	T	Solid	3550B	
MB 720-61762/1-A	Method Blank	T	Solid	3550B	
720-24186-1	EXC TPH/PCB1 W-SDWALL2'-NORTH	T	Solid	3550B	
720-24186-1MS	Matrix Spike	T	Solid	3550B	
720-24186-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-24186-2	EXC4-EAST2	T	Solid	3550B	
720-24186-3	EXC4-EAST3	T	Solid	3550B	
720-24186-4	EXC4-EAST4	T	Solid	3550B	
720-24186-5	EXC4-EAST5	T	Solid	3550B	
Analysis Batch:720-61781					
720-24186-1	EXC TPH/PCB1 W-SDWALL2'-NORTH	T	Solid	8015B	720-61713
720-24186-2	EXC4-EAST2	T	Solid	8015B	720-61713
720-24186-3	EXC4-EAST3	T	Solid	8015B	720-61713
720-24186-4	EXC4-EAST4	T	Solid	8015B	720-61713
720-24186-5	EXC4-EAST5	T	Solid	8015B	720-61713

Client: LFR, Inc. Job Number: 720-24186-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:720-61795					
LCS 720-61762/2-A	Lab Control Sample	T	Solid	8082	720-61762
LCSD 720-61762/3-A	Lab Control Sample Duplicate	T	Solid	8082	720-61762
MB 720-61762/1-A	Method Blank	T	Solid	8082	720-61762
720-24186-1	EXC TPH/PCB1 W-SDWALL2'-NORTH	T	Solid	8082	720-61762
720-24186-1MS	Matrix Spike	T	Solid	8082	720-61762
720-24186-1MSD	Matrix Spike Duplicate	T	Solid	8082	720-61762
720-24186-2	EXC4-EAST2	T	Solid	8082	720-61762
720-24186-3	EXC4-EAST3	T	Solid	8082	720-61762
720-24186-4	EXC4-EAST4	T	Solid	8082	720-61762
720-24186-5	EXC4-EAST5	T	Solid	8082	720-61762

Report Basis
T = Total

Metals					
Prep Batch: 720-61759					
LCS 720-61759/2-A	Lab Control Sample	T	Solid	3050B	
LCSD 720-61759/3-A	Lab Control Sample Duplicate	T	Solid	3050B	
MB 720-61759/1-A	Method Blank	T	Solid	3050B	
720-24185-B-1-A MS	Matrix Spike	T	Solid	3050B	
720-24185-B-1-B MSD	Matrix Spike Duplicate	T	Solid	3050B	
720-24186-2	EXC4-EAST2	T	Solid	3050B	
720-24186-3	EXC4-EAST3	T	Solid	3050B	
720-24186-4	EXC4-EAST4	T	Solid	3050B	
720-24186-5	EXC4-EAST5	T	Solid	3050B	
Analysis Batch:720-61838					
LCS 720-61759/2-A	Lab Control Sample	T	Solid	6010B	720-61759
LCSD 720-61759/3-A	Lab Control Sample Duplicate	T	Solid	6010B	720-61759
MB 720-61759/1-A	Method Blank	T	Solid	6010B	720-61759
720-24185-B-1-A MS	Matrix Spike	T	Solid	6010B	720-61759
720-24185-B-1-B MSD	Matrix Spike Duplicate	T	Solid	6010B	720-61759
720-24186-2	EXC4-EAST2	T	Solid	6010B	720-61759
720-24186-3	EXC4-EAST3	T	Solid	6010B	720-61759
720-24186-4	EXC4-EAST4	T	Solid	6010B	720-61759
720-24186-5	EXC4-EAST5	T	Solid	6010B	720-61759

Report Basis
T = Total

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61753

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID:	MB 720-61753/1-A	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909008.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	11/19/2009 1236			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

Analyte	Result	Qual	RL
Benzene	ND		5.0
Ethylbenzene	ND		5.0
Toluene	ND		5.0
Xylenes, Total	ND		10
Gasoline Range Organics (GRO)-C5-C12	ND		250
Ethylene Dibromide	ND		5.0
1,2-Dichloroethane	ND		5.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	90	52 - 140
1,2-Dichloroethane-d4 (Surr)	108	60 - 140
Toluene-d8 (Surr)	95	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61753

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-61753/2-A	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909004.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	11/19/2009 1027			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

LCSD Lab Sample ID:	LCSD 720-61753/3-A	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909005.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	11/19/2009 1059			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	111	112	72 - 120	1	20		
Ethylbenzene	110	109	65 - 130	1	20		
Toluene	101	101	72 - 120	0	20		
Ethylene Dibromide	122	125	66 - 135	3	20		
1,2-Dichloroethane	117	122	73 - 122	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	102	101	52 - 140
1,2-Dichloroethane-d4 (Surr)	108	109	60 - 140
Toluene-d8 (Surr)	101	100	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61753

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID:	LCS 720-61753/4-A	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909006.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	11/19/2009 1132			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

LCSD Lab Sample ID:	LCSD 720-61753/5-A	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909007.D
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	5 g
Date Analyzed:	11/19/2009 1204			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	94	93	65 - 122	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
4-Bromofluorobenzene	99	101	52 - 140
1,2-Dichloroethane-d4 (Surr)	107	110	60 - 140
Toluene-d8 (Surr)	100	101	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61753

Method: 8260B/CA_LUFTMS
Preparation: 5030B

MS Lab Sample ID:	720-24169-A-7-D MS	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909012.D
Dilution:	1.0			Initial Weight/Volume:	5.03 g
Date Analyzed:	11/19/2009 1455			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

MSD Lab Sample ID:	720-24169-A-7-E MSD	Analysis Batch:	720-61711	Instrument ID:	Agilent 75MSD
Client Matrix:	Solid	Prep Batch:	720-61753	Lab File ID:	111909013.D
Dilution:	1.0			Initial Weight/Volume:	5.13 g
Date Analyzed:	11/19/2009 1528			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 0900				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	109	115	70 - 130	4	20		
Ethylbenzene	107	117	65 - 130	7	20		
Toluene	98	107	70 - 130	7	20		
Ethylene Dibromide	129	123	66 - 135	7	20		
1,2-Dichloroethane	123	122	70 - 130	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	102	101	52 - 140
1,2-Dichloroethane-d4 (Surr)	113	104	60 - 140
Toluene-d8 (Surr)	100	98	58 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61772

Method: 8270C
Preparation: 3550B

Lab Sample ID:	MB 720-61772/1-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	MB 752026 11-20-2009
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.02 g
Date Analyzed:	11/20/2009 1421			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	Result	Qual	RL
Phenol	ND		0.067
Bis(2-chloroethyl)ether	ND		0.067
2-Chlorophenol	ND		0.067
1,3-Dichlorobenzene	ND		0.067
1,4-Dichlorobenzene	ND		0.067
Benzyl alcohol	ND		0.17
1,2-Dichlorobenzene	ND		0.067
2-Methylphenol	ND		0.067
4-Methylphenol	ND		0.067
N-Nitrosodi-n-propylamine	ND		0.067
Hexachloroethane	ND		0.067
Nitrobenzene	ND		0.067
Isophorone	ND		0.067
2-Nitrophenol	ND		0.067
2,4-Dimethylphenol	ND		0.067
Bis(2-chloroethoxy)methane	ND		0.17
2,4-Dichlorophenol	ND		0.33
1,2,4-Trichlorobenzene	ND		0.067
Naphthalene	ND		0.067
4-Chloroaniline	ND		0.067
Hexachlorobutadiene	ND		0.067
4-Chloro-3-methylphenol	ND		0.17
2-Methylnaphthalene	ND		0.067
Hexachlorocyclopentadiene	ND		0.17
2,4,6-Trichlorophenol	ND		0.067
2,4,5-Trichlorophenol	ND		0.067
2-Chloronaphthalene	ND		0.067
2-Nitroaniline	ND		0.33
Dimethyl phthalate	ND		0.17
Acenaphthylene	ND		0.067
3-Nitroaniline	ND		0.17
Acenaphthene	ND		0.067
2,4-Dinitrophenol	ND		0.33
4-Nitrophenol	ND		0.33
Dibenzofuran	ND		0.067
2,4-Dinitrotoluene	ND		0.067
2,6-Dinitrotoluene	ND		0.067
Diethyl phthalate	ND		0.17
4-Chlorophenyl phenyl ether	ND		0.17
Fluorene	ND		0.067
4-Nitroaniline	ND		0.33

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61772

Method: 8270C
Preparation: 3550B

Lab Sample ID:	MB 720-61772/1-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	MB 752026 11-20-2009
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.02 g
Date Analyzed:	11/20/2009 1421			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	Result	Qual	RL
2-Methyl-4,6-dinitrophenol	ND		0.33
N-Nitrosodiphenylamine	ND		0.067
4-Bromophenyl phenyl ether	ND		0.17
Hexachlorobenzene	ND		0.067
Pentachlorophenol	ND		0.33
Phenanthrene	ND		0.067
Anthracene	ND		0.067
Di-n-butyl phthalate	ND		0.17
Fluoranthene	ND		0.067
Pyrene	ND		0.067
Butyl benzyl phthalate	ND		0.17
3,3'-Dichlorobenzidine	ND		0.17
Benzo[a]anthracene	ND		0.33
Bis(2-ethylhexyl) phthalate	ND		0.33
Chrysene	ND		0.067
Di-n-octyl phthalate	ND		1.0
Benzo[b]fluoranthene	ND		0.067
Benzo[a]pyrene	ND		0.067
Benzo[k]fluoranthene	ND		0.067
Indeno[1,2,3-cd]pyrene	ND		0.067
Benzo[g,h,i]perylene	ND		0.067
Benzoic acid	ND		0.33
Azobenzene	ND		0.067
Dibenz(a,h)anthracene	ND		0.067

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	82	21 - 98
2-Fluorobiphenyl	94	38 - 96
Terphenyl-d14	78	32 - 117
2-Fluorophenol	69	28 - 98
Phenol-d5	84	23 - 101
2,4,6-Tribromophenol	103	37 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-61772/2-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCS 752027 11-20-2009 1;12
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.03 g
Date Analyzed:	11/20/2009 1312			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 720-61772/3-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCSD 752028 11-20-2009
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.07 g
Date Analyzed:	11/20/2009 1347			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	77	74	48 - 90	3	35		
Bis(2-chloroethyl)ether	83	83	45 - 92	0	35		
2-Chlorophenol	72	73	48 - 93	0	35		
1,3-Dichlorobenzene	74	75	41 - 91	1	35		
1,4-Dichlorobenzene	74	71	40 - 89	5	35		
Benzyl alcohol	82	84	54 - 102	3	35		
1,2-Dichlorobenzene	81	70	44 - 92	16	35		
2-Methylphenol	81	81	54 - 97	0	35		
4-Methylphenol	77	76	50 - 95	2	35		
N-Nitrosodi-n-propylamine	79	80	46 - 98	1	35		
Hexachloroethane	80	82	44 - 94	3	35		
Nitrobenzene	88	87	48 - 99	1	35		
Isophorone	96	98	54 - 100	1	35		
2-Nitrophenol	89	89	48 - 99	0	35		
2,4-Dimethylphenol	88	90	52 - 106	2	35		
Bis(2-chloroethoxy)methane	95	94	46 - 97	1	35		
2,4-Dichlorophenol	92	90	49 - 100	3	35		
1,2,4-Trichlorobenzene	78	82	47 - 95	5	35		
Naphthalene	79	87	44 - 92	10	35		
4-Chloroaniline	46	47	30 - 71	1	35		
Hexachlorobutadiene	83	80	44 - 95	3	35		
4-Chloro-3-methylphenol	88	89	58 - 104	1	35		
2-Methylnaphthalene	85	85	49 - 100	0	35		
Hexachlorocyclopentadiene	86	89	42 - 132	4	35		
2,4,6-Trichlorophenol	86	96	45 - 102	11	35		
2,4,5-Trichlorophenol	81	92	48 - 105	12	35		
2-Chloronaphthalene	84	87	52 - 102	3	35		
2-Nitroaniline	91	93	54 - 105	1	35		
Dimethyl phthalate	93	98	64 - 119	5	35		
Acenaphthylene	99	112	61 - 129	12	35		
3-Nitroaniline	88	94	50 - 103	5	35		
Acenaphthene	78	89	50 - 98	14	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-61772/2-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCS 752027 11-20-2009 1;12
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.03 g
Date Analyzed:	11/20/2009 1312			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 720-61772/3-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCSD 752028 11-20-2009
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.07 g
Date Analyzed:	11/20/2009 1347			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	65	72	21 - 96	10	35		
4-Nitrophenol	91	95	54 - 125	5	35		
Dibenzofuran	81	90	55 - 100	10	35		
2,4-Dinitrotoluene	97	105	57 - 110	8	35		
2,6-Dinitrotoluene	89	96	54 - 119	8	35		
Diethyl phthalate	87	86	49 - 117	1	35		
4-Chlorophenyl phenyl ether	92	93	57 - 103	1	35		
Fluorene	85	90	54 - 104	6	35		
4-Nitroaniline	96	98	59 - 114	3	35		
2-Methyl-4,6-dinitrophenol	88	90	48 - 111	1	35		
N-Nitrosodiphenylamine	95	108	56 - 105	13	35		*
4-Bromophenyl phenyl ether	91	86	53 - 101	6	35		
Hexachlorobenzene	91	90	55 - 105	1	35		
Pentachlorophenol	90	86	35 - 90	5	35		
Phenanthrene	95	98	54 - 100	3	35		
Anthracene	98	97	55 - 101	1	35		
Di-n-butyl phthalate	98	96	55 - 102	2	35		
Fluoranthene	104	92	54 - 102	12	35	*	
Pyrene	86	87	48 - 91	1	35		
Butyl benzyl phthalate	84	84	53 - 98	0	35		
3,3'-Dichlorobenzidine	80	79	42 - 87	2	35		
Benzo[a]anthracene	93	89	55 - 110	4	35		
Bis(2-ethylhexyl) phthalate	90	85	53 - 98	7	35		
Chrysene	86	85	58 - 115	1	35		
Di-n-octyl phthalate	86	83	53 - 91	3	35		
Benzo[b]fluoranthene	87	83	56 - 105	5	35		
Benzo[a]pyrene	105	99	55 - 102	7	35	*	
Benzo[k]fluoranthene	96	96	57 - 108	0	35		
Indeno[1,2,3-cd]pyrene	103	97	56 - 110	7	35		
Benzo[g,h,i]perylene	109	103	56 - 106	6	35	*	
Benzoic acid	20	19	8 - 35	5	35		
Azobenzene	82	87	52 - 100	6	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-61772/2-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCS 752027 11-20-2009 1;12
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.03 g
Date Analyzed:	11/20/2009 1312			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

LCSD Lab Sample ID:	LCSD 720-61772/3-A	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	LCSD 752028 11-20-2009
Dilution:	1.0	Units:	mg/Kg	Initial Weight/Volume:	30.07 g
Date Analyzed:	11/20/2009 1347			Final Weight/Volume:	1 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenz(a,h)anthracene	109	99	58 - 108	9	35	*	

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	81	88	21 - 98
2-Fluorobiphenyl	80	83	38 - 96
Terphenyl-d14	85	88	32 - 117
2-Fluorophenol	71	68	28 - 98
Phenol-d5	76	78	23 - 101
2,4,6-Tribromophenol	86	93	37 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	720-24161-A-4-D MS	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	24161A4MS 11-20-2009
Dilution:	5.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	11/20/2009 1749			Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

MSD Lab Sample ID:	720-24161-A-4-E MSD	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	24181A4MSD 11-20-2009
Dilution:	5.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	11/20/2009 1824			Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	67	61	23 - 95	9	35		
Bis(2-chloroethyl)ether	70	64	27 - 90	9	35		
2-Chlorophenol	67	56	16 - 102	19	35		
1,3-Dichlorobenzene	67	55	22 - 86	20	35		
1,4-Dichlorobenzene	71	56	21 - 83	23	35		
Benzyl alcohol	67	54	28 - 104	20	35		
1,2-Dichlorobenzene	75	66	25 - 90	13	35		
2-Methylphenol	97	81	32 - 100	18	35		
4-Methylphenol	81	68	28 - 100	17	35		
N-Nitrosodi-n-propylamine	78	73	27 - 92	6	35		
Hexachloroethane	70	62	19 - 93	11	35		
Nitrobenzene	71	67	30 - 99	5	35		
Isophorone	79	71	36 - 101	10	35		
2-Nitrophenol	68	63	11 - 116	7	35		
2,4-Dimethylphenol	79	74	36 - 108	3	35		
Bis(2-chloroethoxy)methane	68	61	28 - 96	10	35		
2,4-Dichlorophenol	70	63	17 - 117	11	35		
1,2,4-Trichlorobenzene	73	59	29 - 92	22	35		
Naphthalene	69	28	22 - 97	34	35		
4-Chloroaniline	78	74	7 - 63	6	35	F	F
Hexachlorobutadiene	79	79	26 - 92	0	35		
4-Chloro-3-methylphenol	80	77	42 - 106	3	35		
2-Methylnaphthalene	25	24	28 - 101	0	35	F	F
Hexachlorocyclopentadiene	0	0	15 - 109	NC	35	F	F
2,4,6-Trichlorophenol	93	76	25 - 112	19	35		
2,4,5-Trichlorophenol	92	74	38 - 111	22	35		
2-Chloronaphthalene	104	81	38 - 97	25	35	F	
2-Nitroaniline	99	105	43 - 103	6	35		F
Dimethyl phthalate	108	100	55 - 116	7	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	720-24161-A-4-D MS	Analysis Batch: 720-61804	Instrument ID:	Ion Trap	
Client Matrix:	Solid	Prep Batch: 720-61772	Lab File ID:	24161A4MS 11-20-2009	
Dilution:	5.0		Initial Weight/Volume:	30.03	g
Date Analyzed:	11/20/2009 1749		Final Weight/Volume:	5	mL
Date Prepared:	11/19/2009 1828		Injection Volume:	1	uL

MSD Lab Sample ID:	720-24161-A-4-E MSD	Analysis Batch: 720-61804	Instrument ID:	Ion Trap	
Client Matrix:	Solid	Prep Batch: 720-61772	Lab File ID:	24181A4MSD 11-20-2009	
Dilution:	5.0		Initial Weight/Volume:	30.00	g
Date Analyzed:	11/20/2009 1824		Final Weight/Volume:	5	mL
Date Prepared:	11/19/2009 1828		Injection Volume:	1	uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthylene	140	133	49 - 120	6	35	F	F
3-Nitroaniline	113	101	39 - 103	11	35	F	
Acenaphthene	96	102	42 - 90	4	35	F	F
2,4-Dinitrophenol	0	0	13 - 122	NC	35	F	F
4-Nitrophenol	294	161	25 - 147	58	35	F	F
Dibenzofuran	108	0	43 - 96	NC	35	F	F
2,4-Dinitrotoluene	194	141	47 - 107	31	35	F	F
2,6-Dinitrotoluene	200	154	55 - 111	26	35	F	F
Diethyl phthalate	148	135	48 - 105	9	35	F	F
4-Chlorophenyl phenyl ether	95	158	44 - 105	50	35		F
Fluorene	0	231	41 - 102	NC	35	F	F
4-Nitroaniline	196	189	47 - 120	4	35	F	F
2-Methyl-4,6-dinitrophenol	0	0	19 - 132	NC	35	F	F
N-Nitrosodiphenylamine	306	303	43 - 107	1	35	F	F
4-Bromophenyl phenyl ether	114	0	45 - 96	NC	35	F	F
Hexachlorobenzene	0	0	48 - 99	NC	35	F	F
Pentachlorophenol	0	0	7 - 132	NC	35	F	F
Phenanthrene	-77	-3	38 - 107	10	35	4	4
Anthracene	193	190	47 - 98	2	35	F	F
Di-n-butyl phthalate	0	0	46 - 112	NC	35	F	F
Fluoranthene	264	0	40 - 113	NC	35	F	F
Pyrene	0	475	35 - 101	NC	35	F	F
Butyl benzyl phthalate	232	262	40 - 106	12	35	F	F
3,3'-Dichlorobenzidine	0	0	17 - 96	NC	35	F	F
Benzo[a]anthracene	312	348	42 - 102	11	35	F	F
Bis(2-ethylhexyl) phthalate	0	156	42 - 102	NC	35	F	F
Chrysene	356	395	37 - 97	11	35	F	F
Di-n-octyl phthalate	0	217	46 - 94	NC	35	F	F
Benzo[b]fluoranthene	194	0	43 - 100	NC	35	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61772

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	720-24161-A-4-D MS	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	24161A4MS 11-20-2009
Dilution:	5.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	11/20/2009 1749			Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

MSD Lab Sample ID:	720-24161-A-4-E MSD	Analysis Batch:	720-61804	Instrument ID:	Ion Trap
Client Matrix:	Solid	Prep Batch:	720-61772	Lab File ID:	24181A4MSD 11-20-2009
Dilution:	5.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	11/20/2009 1824			Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 1828			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[a]pyrene	184	239	48 - 95	26	35	F	F
Benzo[k]fluoranthene	141	284	39 - 88	67	35	F	F
Indeno[1,2,3-cd]pyrene	0	0	50 - 105	NC	35	F	F
Benzo[g,h,i]perylene	0	0	43 - 113	NC	35	F	F
Benzoic acid	272	280	0 - 85	3	35	F	F
Azobenzene	101	134	48 - 95	28	35	F	F
Dibenz(a,h)anthracene	0	0	49 - 103	NC	35	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61713

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 720-61713/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/19/2009 1916
Date Prepared: 11/19/2009 0834

Analysis Batch: 720-61707
Prep Batch: 720-61713
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: 5b1119026.d
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Motor Oil Range Organics [C24-C36]	ND		50

Surrogate	% Rec	Acceptance Limits
p-Terphenyl	84	31 - 114

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61713

Method: 8015B
Preparation: 3550B

LCS Lab Sample ID: LCS 720-61713/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/19/2009 1822
Date Prepared: 11/19/2009 0834

Analysis Batch: 720-61707
Prep Batch: 720-61713
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: 5b1119024.d
Initial Weight/Volume: 30.16 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-61713/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/19/2009 1849
Date Prepared: 11/19/2009 0834

Analysis Batch: 720-61707
Prep Batch: 720-61713
Units: mg/Kg

Instrument ID: HP DRO5
Lab File ID: 5b1119025.d
Initial Weight/Volume: 30.20 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	94	92	49 - 115	2	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	75	72	31 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61713

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	720-24143-A-4-C MS	Analysis Batch: 720-61707	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch: 720-61713	Lab File ID:	5b1119022.d
Dilution:	1.0		Initial Weight/Volume:	30.32 g
Date Analyzed:	11/19/2009 1728		Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 0834		Injection Volume:	1 uL
			Column ID:	PRIMARY

MSD Lab Sample ID:	720-24143-A-4-D MSD	Analysis Batch: 720-61707	Instrument ID:	HP DRO5
Client Matrix:	Solid	Prep Batch: 720-61713	Lab File ID:	5b1119023.d
Dilution:	1.0		Initial Weight/Volume:	30.11 g
Date Analyzed:	11/19/2009 1755		Final Weight/Volume:	5 mL
Date Prepared:	11/19/2009 0834		Injection Volume:	1 uL
			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	74	104	50 - 130	14	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
p-Terphenyl	68	77	31 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61762

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 720-61762/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/20/2009 1155
Date Prepared: 11/19/2009 1708

Analysis Batch: 720-61795
Prep Batch: 720-61762
Units: ug/Kg

Instrument ID: Agilent PCB 2
Lab File ID: m1120007.d
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		50
PCB-1221	ND		50
PCB-1232	ND		50
PCB-1242	ND		50
PCB-1248	ND		50
PCB-1254	ND		50
PCB-1260	ND		50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	90	32 - 112
DCB Decachlorobiphenyl	87	2 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61762

Method: 8082
Preparation: 3550B

LCS Lab Sample ID:	LCS 720-61762/2-A	Analysis Batch:	720-61795	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61762	Lab File ID:	m1120008.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.09 g
Date Analyzed:	11/20/2009 1216			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1708			Injection Volume:	1 uL
				Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 720-61762/3-A	Analysis Batch:	720-61795	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61762	Lab File ID:	m1120009.d
Dilution:	1.0	Units:	ug/Kg	Initial Weight/Volume:	30.07 g
Date Analyzed:	11/20/2009 1238			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1708			Injection Volume:	1 uL
				Column ID:	PRIMARY

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	107	104	69 - 120	3	20		
PCB-1260	102	100	73 - 114	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	96	92	32 - 112
DCB Decachlorobiphenyl	89	88	2 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61762

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	720-24186-1	Analysis Batch:	720-61795	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61762	Lab File ID:	m1120011.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	11/20/2009 1322			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1708			Injection Volume:	1 uL
				Column ID:	PRIMARY

MSD Lab Sample ID:	720-24186-1	Analysis Batch:	720-61795	Instrument ID:	Agilent PCB 2
Client Matrix:	Solid	Prep Batch:	720-61762	Lab File ID:	m1120012.d
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	11/20/2009 1344			Final Weight/Volume:	10 mL
Date Prepared:	11/19/2009 1708			Injection Volume:	1 uL
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	102	97	69 - 120	5	20		
PCB-1260	-61	60	73 - 114	37	20	F	F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	84	86	32 - 112
DCB Decachlorobiphenyl	85	80	2 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Method Blank - Batch: 720-61759

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 720-61759/1-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/20/2009 1238
Date Prepared: 11/19/2009 1656

Analysis Batch: 720-61838
Prep Batch: 720-61759
Units: mg/Kg

Instrument ID: Thermo 6500 ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	RL
Arsenic	ND		1.0
Lead	ND		0.50

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 720-61759

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 720-61759/2-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/20/2009 1243
Date Prepared: 11/19/2009 1656

Analysis Batch: 720-61838
Prep Batch: 720-61759
Units: mg/Kg

Instrument ID: Thermo 6500 ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 720-61759/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 11/20/2009 1249
Date Prepared: 11/19/2009 1656

Analysis Batch: 720-61838
Prep Batch: 720-61759
Units: mg/Kg

Instrument ID: Thermo 6500 ICP
Lab File ID: N/A
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	96	97	80 - 120	1	20		
Lead	101	101	80 - 120	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-24186-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-61759

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	720-24185-B-1-A MS	Analysis Batch: 720-61838	Instrument ID: Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch: 720-61759	Lab File ID: N/A
Dilution:	4.0		Initial Weight/Volume: 1.01 g
Date Analyzed:	11/20/2009 1254		Final Weight/Volume: 50 mL
Date Prepared:	11/19/2009 1656		

MSD Lab Sample ID:	720-24185-B-1-B MSD	Analysis Batch: 720-61838	Instrument ID: Thermo 6500 ICP
Client Matrix:	Solid	Prep Batch: 720-61759	Lab File ID: N/A
Dilution:	4.0		Initial Weight/Volume: 1.01 g
Date Analyzed:	11/20/2009 1300		Final Weight/Volume: 50 mL
Date Prepared:	11/19/2009 1656		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Arsenic	85	78	75 - 125	9	20		
Lead	91	91	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

720 - 24186

120625

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR: LFR
1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500 Fax: (510) 652-2246

PROJECT NO.: 005-09155-09
SECTION NO.: P001
DATE: 11/19/09
SAMPLER'S INITIALS: AMH
PROJECT NAME: Aspire - Oakland
SAMPLER (Signature):
SERIAL Nº 5330

SAMPLE / ANALYSES / REMARKS

*VOCs: ☐ 8260 List ☐ 8240 List ☐ 8010 List ☐ 624 List
**Metals: ☐ CAM17 ☐ RCRA ☐ LUFT

SAMPLE ID.	DATE 11/19/09	TIME	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M)	TPHmo (EPA 8015M)	TPHg (EPA 8015M)	BTEX (EPA 8021/602)	VOCs (EPA 8260/624)	Metals (EPA 6010/7000)	PCBs	SVOCs (EPA 8270C)	VOCs (EPA 8260B)	Standard	RUSH: 48 hr	HOLD	REMARKS
EXC TPH/PCB1 W-SDWALL2-North				1	X		X	X					X				X		
EXC4-East2							X	X	X			X	X	X	X				
EXC4-East3							X	X	X			X	X	X	X				
EXC4-East4							X	X	X			X	X	X	X				
EXC4-East5							X	X	X			X	X	X	X				

48 Hour TAT

RUSH

4.6°

SAMPLE RECEIPT:	Cooler Temp:	METHOD OF SHIPMENT: courier	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
☐ Intact ☐ Cold ☐ On ice ☐ Ambient	Cooler No:	LAB REPORT NO.:	(SIGNATURE) 11/19/09 (DATE)	(SIGNATURE) 11/19/09 (DATE)	(SIGNATURE) (DATE)
		FAX COC CONFIRMATION TO:	(PRINTED NAME) Alice Hale (TIME) 4pm	(PRINTED NAME) Fultcher (TIME) 1559	(PRINTED NAME) (TIME)
Preservative Correct? ☐ Yes ☐ No ☐ N/A			(COMPANY) LFR	(COMPANY) TASF	(COMPANY)
ANALYTICAL LABORATORY: Test America		FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
		SEND HARDCOPY TO:	(SIGNATURE) 11/19/09 (DATE)	(SIGNATURE) (DATE)	(SIGNATURE) Joan Mullen (DATE) 11-19-09
		SEND EDD TO: EMV.LABEDDS.COM	(PRINTED NAME) Fultcher (TIME) 1514	(PRINTED NAME) (TIME)	(PRINTED NAME) Mullen (TIME) 1559
			(COMPANY) TASF	(COMPANY)	(COMPANY) Test America

Shipping Copy (White) File Copy (Yellow) Field Copy (Pink)

CHAIN of CUSTODY - ANALYSES FORM.CDR 5/2003

11/25/2009

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-24186-1

Login Number: 24186

List Source: TestAmerica San Francisco

Creator: Mullen, Joan

List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	